POWER GENERATION SIMULATION

Dam Axis B — Rated Head : 179.30 m — Installed Capacity : 143.0 MW

Year : 1942 — F.S.L. = 319.00 m — Max. Plant Discharge : 90.00 cms

Date		Discharge Dam (cms)	Discharge P.H (cms)	R.M.P or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Efficiency	Output MW	Monthly Ave. MW
Jan.	1	47.5	83.9	7.2	111.07	40.1	5.66	319.00	202.27	2	0.865	67.31	
	2	40.0	72.9	7.2	111.60	33.8	3.71	319.00	204.25	1	0.911	59.84	
	3	38.1	64.1	7.2	110.94	30.9	3.33	319.00	204.75	1	0.909	56.37	
	4	37.2	56.2	7.2	110.89	30.0	3.13	319.00	204.98	1	0.907	54.66	
	5	37.2	46.3	7.2	110.96	30.0	3.13	319.00	204.91	1	0.907	54.64	
	6	40.0	70.7	7.2	110.99	32.9	3.75	319.00	204.37	1	0.911	59.85	
	7	36.1	60.0	7.2	110.91	30.9	3.33	319.00	204.76	1	0.909	56.38	
	8	33.7	54.9	7.2	110.87	26.5	2.65	319.00	205.08	1	0.894	47.70	
	9	27.8	44.6	7.2	110.85	20.6	1.44	319.00	206.09	1	0.651	35.52	
	10	37.0	42.9	7.2	110.79	19.8	1.37	319.00	206.84	1	0.844	33.86	
	11	26.1	44.8	7.2	110.81	18.9	1.24	319.00	206.99	1	0.834	31.97	
	12	26.1	41.4	7.2	110.78	18.9	1.24	319.00	206.97	1	0.834	31.96	
	13	26.1	39.7	7.2	110.77	18.9	1.24	319.00	206.98	1	0.834	31.96	
	14	27.0	43.9	7.2	110.79	19.9	1.37	319.00	206.84	1	0.844	33.86	
	15	29.4	42.9	7.2	110.79	22.2	1.72	319.00	206.49	1	0.866	38.88	
	16	38.1	58.1	7.2	110.90	30.9	3.33	319.00	204.78	1	0.909	56.39	
	17	41.0	70.7	7.2	110.99	33.8	3.96	319.00	204.04	1	0.912	61.61	
	18	37.2	54.3	7.2	110.87	30.0	3.13	319.00	204.99	1	0.907	54.65	
	19	32.9	50.5	7.2	110.85	24.7	2.30	319.00	205.83	1	0.900	44.13	
	20	67.5	73.1	7.2	111.01	60.1	12.58	319.00	193.41	2	0.903	103.94	
	21	44.5	93.8	7.2	111.14	41.3	5.54	319.00	201.92	2	0.847	68.33	
	22	34.7	66.3	7.2	110.94	27.3	2.83	319.00	205.41	1	0.899	49.75	
	23	29.4	44.8	7.2	110.81	22.2	1.72	319.00	206.48	1	0.866	38.88	
	24	26.1	39.7	7.2	110.77	18.9	1.24	319.00	206.98	1	0.834	31.98	
	25	23.0	35.1	7.2	110.74	15.8	0.87	319.00	207.39	1	0.797	23.79	
	26	21.4	35.5	21.4	110.73	0.0	0.70	319.00	207.57	0	0.000	0.00	
	27	21.4	32.0	21.4	110.72	0.0	0.70	319.00	207.58	0	0.000	0.00	
	28	27.8	70.7	7.2	110.98	20.6	1.43	319.00	206.54	1	0.851	33.49	
	29	54.0	128.0	7.2	111.36	48.8	8.29	319.00	199.34	2	0.876	83.54	
	30	95.7	177.7	7.2	111.84	88.5	27.38	319.00	183.08	2	0.900	140.60	
	31	97.2	179.1	7.2	111.43	90.0	28.29	319.00	185.28	2	0.909	132.00	53.41
Feb.	1	98.8	119.7	7.2	111.31	31.6	9.27	319.00	198.42	2	0.845	86.77	
	2	66.6	99.7	7.2	111.17	39.4	5.41	319.00	202.42	1	0.900	70.35	
	3	44.7	93.8	7.2	111.14	37.5	4.80	319.00	202.96	1	0.906	67.40	
	4	48.5	88.8	7.2	111.11	41.3	5.84	319.00	201.95	2	0.847	69.25	
	5	129.4	153.5	29.4	111.40	90.0	28.21	319.11	179.51	2	0.966	142.00	
	6	244.7	442.2	154.7	112.78	90.0	28.21	319.49	178.50	2	0.999	141.51	
	7	540.5	775.2	230.5	113.57	90.0	28.21	319.70	178.12	2	0.999	141.27	
	8	568.7	838.2	278.7	113.53	90.0	28.21	319.76	178.02	2	0.999	141.20	
	9	530.8	664.1	340.8	113.25	90.0	28.21	319.68	178.22	2	0.999	141.34	
	10	300.2	511.1	210.2	112.95	90.0	28.21	319.61	179.45	2	0.999	141.48	
	11	220.1	369.2	130.1	112.55	90.0	28.21	319.43	179.66	2	0.999	141.62	
	12	163.6	289.7	73.6	112.34	90.0	28.21	319.27	179.82	2	0.999	141.72	
	13	126.2	228.1	36.2	111.94	90.0	28.21	319.14	179.89	2	0.998	141.83	
	14	103.4	179.6	10.4	111.67	90.0	28.21	319.02	179.14	2	0.998	141.92	
	15	83.4	150.6	7.2	111.50	76.2	20.22	319.00	187.28	2	0.911	127.99	
	16	73.0	128.0	7.2	111.34	63.8	13.08	319.00	192.56	2	0.909	112.91	
	17	108.1	254.1	18.1	112.07	90.0	28.21	319.04	178.78	2	0.999	141.49	
	18	111.8	212.7	21.8	111.84	90.0	28.21	319.06	179.01	2	0.998	141.84	
	19	104.2	176.7	14.2	111.66	90.0	28.21	319.05	179.18	2	0.998	141.95	
	20	85.3	153.4	7.2	111.52	78.1	21.24	319.00	186.24	2	0.910	129.71	
	21	73.0	135.3	7.2	111.40	64.8	14.42	319.00	192.58	2	0.908	111.33	
	22	66.4	114.2	7.2	111.27	59.2	12.21	319.00	195.52	2	0.902	102.16	
	23	54.1	94.3	7.2	111.14	46.9	7.66	319.00	200.18	2	0.870	80.04	
	24	48.5	83.9	7.2	111.07	41.3	5.54	319.00	201.99	2	0.847	69.26	
	25	44.7	81.7	7.2	111.06	37.5	4.90	319.00	203.06	1	0.906	67.63	
	26	41.0	73.1	7.2	111.01	33.8	3.98	319.00	204.01	1	0.912	61.60	
	27	47.5	70.7	7.2	110.99	40.3	5.66	319.00	202.36	2	0.843	67.34	
	28	62.5	63.9	7.2	111.07	55.3	10.65	319.00	197.28	2	0.894	93.60	
													112.94
Mar.	1	56.0	98.7	7.2	111.17	48.8	8.29	319.00	199.53	2	0.876	83.63	
	2	43.8	86.8	7.2	111.11	36.6	4.67	319.00	203.23	1	0.908	66.22	
	3	38.1	75.1	7.2	111.01	30.9	3.33	319.00	204.65	1	0.909	56.35	
	4	37.2	64.3	7.2	110.96	30.0	3.13	319.00	204.91	1	0.907	54.66	
	5	59.8	138.0	7.2	111.54	33.6	9.64	319.00	198.00	2	0.847	90.58	
	6	178.4	356.3	48.4	111.54	90.0	28.21	319.19	179.44	2	0.998	142.00	
	7	94.8	142.0	7.2	111.43	87.6	26.73	319.00	180.82	2	0.901	139.99	
	8	58.8	114.2	7.2	111.27	51.6	9.27	319.00	198.43	2	0.865	84.79	
	9	44.6	79.5	7.2	111.04	39.4	5.41	319.00	202.55	1	0.900	70.38	
	10	42.8	64.1	7.2	110.94	35.6	4.41	319.00	203.65	1	0.910	64.66	
	11	41.0	61.9	7.2	110.93	33.8	3.86	319.00	204.10	1	0.912	61.63	
	12	38.1	61.9	7.2	110.93	30.9	3.33	319.00	204.75	1	0.909	56.37	
	13	36.4	58.1	7.2	110.90	29.2	2.97	319.00	205.13	1	0.905	53.13	
	14	53.5	98.1	7.2	110.90	28.3	2.79	319.00	205.31	1	0.902	51.96	
	15	53.2	79.5	7.2	111.04	46.0	7.37	319.00	200.59	2	0.867	78.37	
	16	62.5	114.2	7.2	111.27	55.3	10.65	319.00	197.08	2	0.894	95.49	
	17	105.2	234.6	15.2	111.97	90.0	28.21	319.05	178.86	2	0.999	141.75	
	18	128.0	206.6	38.0	111.83	90.0	28.21	319.15	179.11	2	0.998	141.90	
	19	98.6	176.7	8.6	111.66	90.0	28.21	319.01	179.14	2	0.998	141.92	
	20	95.7	156.3	7.2	111.54	88.5	27.38	319.00	180.19	2	0.900	140.66	
	21	117.6	231.4	27.6	111.96	90.0	28.21	319.11	178.94	2	0.998	141.79	
	22	134.7	243.8	34.7	112.12	90.0	28.21	319.09	178.76	2	0.999	141.68	
	23	97.2	191.5	7.2	111.74	90.0	22.29	319.00	184.97	2	0.909	131.80	
	24	68.3	144.9	7.2	111.47	61.1	13.00	319.00	194.53	2	0.904	105.33	
	25	54.9	108.6	7.2	111.24	49.7	8.40	319.00	199.16	2	0.879	85.29	
	26	50.4	103.7	7.2	111.21	43.2	6.50	319.00	201.29	2	0.855	72.50	
	27	51.3	98.9	7.2	111.16	44.1	6.77	319.00	201.07	2	0.858	74.47	
	28	54.9	103.7	7.2	111.21	49.7	8.40	319.00	199.19	2	0.879	85.30	
	29	73.0	134.9	7.2	111.39	65.8	13.08	319.00	192.65	2	0.909	112.95	
	30	207.2	215.8	117.2	111.84	90.0	28.21	319.39	179.31	2	0.998	142.00	
	31	483.2	566.9	393.2	112.07	90.0	28.21	319.97	178.69	2	0.999	141.64	94.55
Apr.	1	908.6	448.9	218.6	112.85	90.00	28.21	319.63	178.57	2	0.999	141.54	
	2	186.0	306.9	96.0	112.31	90.00	28.21	319.33	178.81	2	0.999	141.72	
	3	134.2	213.7	54.2	111.84	90.00	28.21	319.13	179.04	2	0.998	141.87	
	4	98.6	170.8	8.6	111.62	90.00	28.21	319.01	179.18	2	0.999	141.95	
	5	82.4	130.6	7.2	111.50	74.30	20.22	319.00	187.28	2	0.911	127.39	
	6	74.0	133.5	7.2	111.40	66.80	15.54	319.00	192.06	2	0.910	114.41	
	7	66.2	144.9	7.2	111.47	79.00	21.74	319.00	185.85	2	0.909	130.81	
	8	148.5	249.7	79.5	112.24	90.00	28.21	319.29	178.84	2	0.999	141.73	
	9	174.6	354.3	84.6	113.43	90.00	28.21	319.30	178.67	2	0.999	141.62	
	10	138.9	234.6	53.9	111.97	90.00	28.21	319.15	178.97	2	0.998	141.81	
	11	98.6	186.5	8.6	111.75	90.00	28.21	319.01	179.07	2	0.998	141.84	
	12	83.4	147.7	7.2	111.48	76.20	20.22	319.00	187.29	2	0.911	127.40	
	13	74.0	133.5	7.2	111.40	66.80	15.54	319.00	192.06	2	0.910	114.41	
	14	72.0	125.2	7.2	111.34	64.80	14.42	319.00	193.03	2	0.908	111.34	
	15	69.2	125.2	7.2	111.34	62.00	13.39	319.00	194.27	2	0.906	105.99	
	16	63.5	114.2	7.2	111.27	56.30	11.04	319.00	196.69	2	0.896	97.23	
	17	57.8	103.7	7.2	111.21	50.60	8.92	319.00	198.84	2	0.882	86.58	
	18	53.2	101.2	7.2	111.19	44.00	7.37	319.00	200.44	2	0.867	78.31	
	19	48.5	96.3	7.2	111.16	41.30	5.94	319.00	201.90	2	0.847	69.23	
	20	49.4	91.3	7.2	111.12	42.20	6.20	319.00	201.67	2	0.851	70.99	
	21	58.8	96.3	7.2	111.16	51.60	9.27	319.00	198.57	2	0.885	84.85	
	22	72.0	101.2	7.2	111.19	64.80	14.42	319.00	193.19	2	0.909	111.46	
	23	62.5	103.7	7.2	111.21	53.30	10.65	319.00	197.14	2	0.894	95.53	
	24	52.2	93.8	7.2	111.14	45.00	7.05	319.00	200.81	2	0.863	76.41	
	25	48.5	83.9	7.2	111.07	41.30	5.94	319.00	201.99	2	0.847	69.26	
	26	45.7	81.7	7.2	111.06	38.50	5.16	319.00	202.78	1	0.903	69.11	
	27	60.7	91.3	7.2	111.12	53.50	9.97	319.00	197.91	2	0.890	92.54	
	28	73.0	114.2	7.2	111.27	65.80	13.08	319.00	192.65	2	0.909	112.94	
	29	82.4	133.5	7.2	111.40	75.20	19.69	319.00	187.91	2	0.911	126.18	
	30	93.8	144.9	7.2	111.47	86.60	26.12	319.00	181.41	2	0.902	138.93	
													111.99
May	1	103.3	144.9	13.3	111.47	90.00	28.21	319.04	179.36	2	0.898	142.00	
	2	97.7	130.6	7.7	111.30	90.00	28.21	319.00	179.29	2	0.898	142.00	
	3	85.3	139.1	7.2	111.43	78.10	21.24	319.00	186.33	2	0.910	129.77	
	4	89.1	133.5	7.2	111.40	81.90	23.36	319.00	184.24	2	0.907	134.15	
	5	92.9	144.9	7.2	111.47	85.70	25.98	319.00	181.95	2	0.903	138.06	
	6	79.6	139.1	7.2	111.43	72.40	18.26	319.00	189.31	2	0.912	132.45	
	7	78.7	136.3	7.2	111.41	71.50	17.80	319.00	189.78	2	0.912	131.22	
	8	71.1	119.7	7.2	111.31	63.90	14.22	319.00	192.47	2	0.908	109.97	
	9	61.7	106.2	7.2	111.22	54.50	10.34	319.00	197.43	2	0.882	94.09	
	10	54.0	93.8	7.2	111.14	48.80	8.29	319.00	199.57	2	0.876	83.65	
	11	52.2	83.9	7.2	111.07	45.00	7.05	319.00	200.87	2	0.863	76.44	
	12	51.3	81.7	7.2	111.06	44.10	6.77	319.00	201.17	2	0.859	74.71	
	13	52.2	93.8	7.2	111.14	45.00	7.05	319.00	200.81	2	0.863	76.41	
	14	48.5	101.2	7.2	111.19	41.30	5.94	319.00	201.87	2	0.847	69.21	
	15	115.7	156.3	35.7	111.41	90.00	28.21	319.10	179.47	2	0.898	142.00	
	16	180.7	276.7	90.7	112.18	90.00	28.21	319.32	178.93	2	0.998	141.79	
	17	141.3	247.6	51.3	112.04	90.00	28.21	319.20	178.95	2	0.998	141.80	
	18	105.2	194.4	15.2	111.76	90.00	28.21	319.05	179.08	2	0.998	141.88	
	19	84.2	156.3	7.2	111.54	79.00	21.74	319.00	185.73	2	0.909	130.77	
	20	78.7	139.1	7.2	111.43	71.50	17.80	319.00	189.76	2	0.912	131.21	
	21	69.2	128.0	7.2	111.34	62.00	13.39	319.00	194.25	2	0.906	106.97	
	22	57.8	106.2	7.2	111.22	50.60	8.92	319.00	198.84	2	0.882	86.97	
	23	54.1	98.7	7.2	111.17	46.90	7.66	319.00	200.17	2	0.870	80.05	
	24	50.4	91.3	7.2	111.13	43.20	6.50	319.00	201.38	2	0.856	72.94	
	25	48.5	83.9	7.2	111.07	41.30	5.94	319.00	201.99	2	0.847	69.26	
	26	46.6	77.3	7.2	111.03	39.40	5.41	319.00	202.56	1	0.900	70.39	
	27	43.8	73.9	7.2	111.00	36.60	4.67	319.00	203.33	1	0.908	66.25	
	28	41.0	70.7	7.2	110.99	33.80	3.96	319.00	204.04	1	0.912	61.61	
	29	38.1	64.1	7.2	110.94	30.90	3.33	319.00	204.73	1	0.909	56.37	
	30	38.1	61.9	7.2	110.93	30.90	3.33	319.00	204.73	1	0.909	56.37	
	31	38.1	60.0	7.2	110.91	30.90	3.33	319.00	204.76	1	0.909	54.38	100.55
Jun.	1	38.1	60.0	7.2	110.91	30.90	3.33	319.00	204.76	1	0.909	56.38	
	2	38.1	58.1	7.2	110.90	30.90	3.33	319.00	204.78	1	0.909	56.38	
	3	37.2	58.1	7.2	110.90	30.00	3.13	319.00	204.97	1	0.907	54.67	
	4	37.2	58.1	7.2	110.90	30.00	3.13	319.00	204.97	1	0.907	54.67	
	5	37.2	56.2	7.2	110.89	30.00	3.13	319.00	204.98	1	0.907	54.68	
	6	36.4	54.3	7.2	110.87	29.20	2.97	319.00	205.16	1	0.905	53.13	
	7	36.4	52.4	7.2	110.86	29.20	2.97	319.00	205.17	1	0.905	53.14	
	8	39.1	60.0	7.2	110.91	31.90	3.54	319.00	204.54	1	0.911	58.23	
	9	56.0	79.5	7.2	111.04	48.80	8.29	319.00	199.66	2	0.877	83.70	
	10	62.5	111.4	7.2	111.26	55.30	10.65	319.00	197.09	2	0.894	95.50	
	11	52.2	93.8	7.2	111.14	45.00	7.05	319.00	200.81	2	0.863	76.41	
	12	44.7	75.1	7.2	111.01	37.50	4.80	319.00	203.09	1	0.906	67.64	
	13	40.0	61.9	7.2	110.93	32.80	3.75	319.00	204.33	1	0.911	59.86	
	14	43.8	75.1	7.2	111.01	36.60	4.67	319.00	203.22	1	0.908	66.25	
	15	51.3	98.7	7.2	111.17	44.10	6.77	319.00	201.05	2	0.859	74.46	
	16	50.4	103.7	7.2	111.21	43.20	6.50	319.00	201.29	2	0.855	72.90	
	17	52.2	119.7	7.2	111.31	45.00	7.05	319.00	200.64	2	0.863	76.33	
	18	151.9	361.9	61.9	112.53	90.00	28.21	319.23	178.50	2	0.899	141.51	
	19	281.2	701.4	191.2	113.31	90.00	28.21	319.57	178.05	2	0.899	141.23	
	20	210.7	434.6	120.7	112.76	90.00	28.21	319.40	178.43	2	0.899	141.47	
	21	140.4	296.6	50.4	112.27	90.00	28.21	319.19	178.72	2	0.899	141.65	
	22	108.1	234.9	18.1	111.92	90.00	28.21	319.06	178.93	2	0.898	141.79	
	23	90.9	188.5	7.2	111.73	83.70	24.40	319.00	182.88	2	0.906	135.86	
	24	81.5	190.1	7.2	111.55	74.30	19.23	319.00	188.22	2	0.911	134.91	
	25	72.0	143.0	7.2	111.43	64.80	14.42	319.00	192.93	2	0.908	111.30	
	26	65.4	125.2	7.2	111.34	58.20	11.80	319.00	195.86	2	0.900	100.52	
	27	99.8	114.2	7.2	111.27	52.80	9.64	319.00	198.09	2	0.888	90.43	
	28	56.0	103.7	7.2	111.21	48.80	8.29	319.00	199.50	2	0.876	83.61	
	29	53.2	98.3	7.2	111.16	46.00	7.37	319.00	200.47	2	0.867	78.52	
	30	48.5	91.3	7.2	111.12	41.30	5.94	319.00	201.94	2	0.847	69.24	
													87.22

POWER GENERATION SIMULATION

Year : 1942 | Data Acte B | F.S.L. = 310.00 m | Rated Head : 179.30 m | Max. Plant Discharge : 90.00 cms | Installed Capacity : 143.0 MW

Date		Discharge Dam (cms)	Discharge F/H (cms)	RMP or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Efficie ncy	Output MW	Monthl y Ave. MW
Jul.	1	45.7	86.3	7.2	111.09	78.5	5.16	315.50	202.75	1	0.903	99.10	
	2	47.5	78.5	7.2	111.04	49.3	5.66	315.00	203.30	2	0.845	67.32	
	3	47.5	89.8	7.2	111.11	69.3	5.66	314.80	202.24	2	0.845	67.30	
	4	136.2	143.0	54.2	111.43	90.0	28.31	310.14	179.43	2	0.898	143.00	
	5	165.8	275.5	73.6	112.16	90.0	28.31	310.27	178.90	2	0.898	143.77	
	6	151.8	244.3	41.8	112.02	90.0	28.31	310.16	178.93	2	0.898	143.79	
	7	103.3	182.6	12.3	111.69	90.0	28.31	310.03	179.13	2	0.898	143.82	
	8	90.9	164.9	7.2	111.59	83.7	24.45	310.00	183.01	2	0.906	135.95	
	9	84.5	164.9	7.2	111.59	77.1	20.70	310.00	184.71	2	0.911	128.45	
	10	75.8	147.7	7.2	111.45	68.6	16.38	310.00	151.13	2	0.911	117.06	
	11	68.3	133.5	7.2	111.40	61.1	13.00	310.00	184.40	2	0.901	105.57	
	12	64.5	119.7	7.2	111.31	57.3	11.43	310.00	186.24	2	0.898	98.86	
	13	62.7	116.9	7.2	111.29	53.9	9.97	310.00	187.74	2	0.890	92.35	
	14	54.0	106.2	7.2	111.22	44.8	8.20	310.00	188.43	2	0.876	82.61	
	15	52.2	101.2	7.2	111.19	43.0	7.05	310.00	200.76	2	0.843	76.39	
	16	50.4	96.3	7.2	111.16	43.2	6.50	310.00	201.54	2	0.835	72.92	
	17	46.8	93.0	7.2	111.14	41.9	5.84	310.00	201.92	2	0.847	69.23	
	18	45.5	81.7	7.2	111.06	41.3	5.84	310.00	202.00	2	0.847	69.27	
	19	54.0	96.5	7.2	111.16	48.8	8.20	310.00	189.55	2	0.876	83.64	
	20	59.8	108.6	7.2	111.24	52.6	9.64	310.00	188.13	2	0.888	93.64	
	21	53.2	101.2	7.2	111.19	45.0	7.05	310.00	200.76	2	0.843	76.39	
	22	47.5	93.8	7.2	111.14	40.3	5.66	310.00	203.30	2	0.843	67.28	
	23	44.6	83.9	7.2	111.07	39.4	5.41	310.00	202.52	1	0.900	70.38	
	24	43.8	77.3	7.2	111.03	36.6	4.67	310.00	203.30	1	0.908	66.24	
	25	41.9	75.1	7.2	111.01	34.7	4.19	310.00	203.79	1	0.911	63.15	
	26	40.0	70.7	7.2	110.99	32.8	3.73	310.00	204.27	1	0.911	59.85	
	27	40.0	68.5	7.2	110.97	32.8	3.73	310.00	204.28	1	0.911	59.85	
	28	39.1	68.5	7.2	110.97	31.9	3.54	310.00	204.49	1	0.911	58.22	
	29	36.1	70.7	7.2	110.99	90.9	3.33	310.00	204.69	1	0.909	56.56	
	30	47.5	78.5	7.2	111.04	40.3	5.66	310.00	202.30	2	0.843	67.32	
	31	55.4	106.2	7.2	111.22	58.2	11.80	310.00	195.96	2	0.900	100.99	84.40
Aug.	1	109.0	147.7	19.0	111.48	90.0	28.31	310.07	179.97	2	0.898	143.00	
	2	82.4	147.8	7.2	111.61	75.2	18.69	310.00	187.70	2	0.911	126.05	
	3	68.2	125.5	7.2	111.40	62.0	13.39	310.00	194.23	2	0.905	106.85	
	4	62.5	122.5	7.2	111.33	51.3	10.45	310.00	197.02	2	0.894	93.46	
	5	54.9	114.2	7.2	111.27	46.7	8.60	310.00	199.12	2	0.879	83.27	
	6	54.5	106.2	7.2	111.22	44.9	7.66	310.00	200.13	2	0.870	80.01	
	7	58.8	111.4	7.2	111.26	51.6	8.27	310.00	198.47	2	0.885	84.80	
	8	70.1	125.5	7.2	111.33	62.9	13.78	310.00	193.69	2	0.907	108.56	
	9	64.5	114.2	7.2	111.27	57.3	11.43	310.00	196.29	2	0.898	99.00	
	10	57.8	106.2	7.2	111.22	50.6	8.92	310.00	198.86	2	0.882	86.97	
	11	54.1	98.7	7.2	111.17	46.9	7.66	310.00	200.17	2	0.870	80.09	
	12	54.1	93.8	7.2	111.14	46.9	7.66	310.00	200.20	2	0.870	80.05	
	13	50.4	96.3	7.2	111.09	43.2	6.50	310.00	201.41	2	0.855	72.95	
	14	47.5	81.7	7.2	111.06	40.3	5.66	310.00	202.28	2	0.843	67.31	
	15	46.6	79.5	7.2	111.04	39.4	5.41	310.00	202.55	1	0.900	70.38	
	16	45.7	73.1	7.2	111.01	34.5	5.16	310.00	202.82	1	0.903	69.13	
	17	43.8	68.5	7.2	110.97	36.6	4.67	310.00	203.36	1	0.908	66.26	
	18	41.9	66.3	7.2	110.96	34.7	4.19	310.00	203.85	1	0.911	63.16	
	19	41.0	64.1	7.2	110.94	33.8	3.98	310.00	204.08	1	0.912	61.62	
	20	43.8	66.3	7.2	110.96	36.6	4.67	310.00	203.38	1	0.908	66.27	
	21	46.5	72.7	7.2	110.99	41.3	5.84	310.00	202.07	2	0.847	69.30	
	22	60.7	79.5	7.2	111.04	53.5	9.97	310.00	197.99	2	0.890	92.39	
	23	86.3	101.2	7.2	111.19	81.0	22.85	310.00	184.96	2	0.908	133.29	
	24	141.3	215.8	51.3	111.86	90.0	28.31	310.20	179.11	2	0.898	143.90	
	25	175.8	300.0	83.6	112.28	90.0	28.31	310.30	178.81	2	0.899	143.71	
	26	132.8	241.1	42.8	112.01	90.0	28.31	310.17	178.95	2	0.898	143.80	
	27	99.5	154.3	9.5	111.54	90.0	28.31	310.02	179.27	2	0.898	143.00	
	28	83.4	139.1	7.2	111.43	76.2	20.22	310.00	187.55	2	0.911	127.43	
	29	71.1	127.7	7.2	111.35	63.9	14.23	310.00	193.40	2	0.908	110.92	
	30	64.5	116.2	7.2	111.27	57.3	11.43	310.00	196.29	2	0.898	99.00	
	31	60.7	109.7	7.2	111.21	53.5	9.97	310.00	197.81	2	0.890	92.30	97.00
Sep.	1	55.1	96.5	7.2	111.16	47.9	7.90	310.00	199.83	2	0.875	81.94	
	2	53.2	88.6	7.2	111.11	46.0	7.37	310.00	200.52	2	0.867	78.34	
	3	51.3	79.5	7.2	111.04	44.1	6.77	310.00	201.18	2	0.859	74.72	
	4	49.4	78.5	7.2	111.04	43.2	6.20	310.00	201.73	2	0.851	71.05	
	5	60.7	84.3	7.2	111.09	53.5	9.97	310.00	197.84	2	0.890	92.34	
	6	72.1	94.3	7.2	111.16	63.9	14.20	310.00	193.62	2	0.908	110.06	
	7	60.7	96.3	7.2	111.14	53.5	9.97	310.00	197.87	2	0.890	92.32	
	8	51.3	81.7	7.2	111.04	44.1	6.77	310.00	201.17	2	0.859	74.71	
	9	47.5	72.9	7.2	111.00	40.3	5.66	310.00	202.34	2	0.843	67.34	
	10	45.7	66.3	7.2	110.96	38.5	5.16	310.00	202.84	1	0.903	69.14	
	11	43.8	66.3	7.2	110.96	36.6	4.67	310.00	203.38	1	0.908	66.27	
	12	42.8	64.1	7.2	110.94	35.6	4.61	310.00	203.65	1	0.910	64.66	
	13	40.0	61.9	7.2	110.93	32.8	3.73	310.00	204.33	1	0.911	59.86	
	14	39.1	58.1	7.2	110.90	31.9	3.54	310.00	204.56	1	0.911	58.24	
	15	43.8	61.9	7.2	110.93	36.6	4.67	310.00	203.41	1	0.908	66.27	
	16	55.1	77.3	7.2	111.03	47.9	7.90	310.00	199.98	2	0.876	82.00	
	17	54.0	81.7	7.2	111.06	46.8	8.39	310.00	199.65	2	0.877	83.69	
	18	59.8	84.6	7.2	111.11	51.6	9.27	310.00	198.62	2	0.885	88.86	
	19	105.2	134.2	15.2	111.37	90.0	28.31	310.05	179.56	2	0.898	143.00	
	20	134.2	144.9	34.2	111.47	90.0	28.31	310.19	179.46	2	0.898	143.00	
	21	96.2	139.4	7.2	111.52	79.0	21.74	310.00	185.75	2	0.909	130.78	
	22	74.0	114.2	7.2	111.27	66.8	15.56	310.00	192.19	2	0.910	114.69	
	23	62.5	96.7	7.2	111.17	53.3	10.43	310.00	197.18	2	0.894	93.54	
	24	61.7	96.3	7.2	111.16	54.5	10.34	310.00	197.30	2	0.892	94.13	
	25	80.6	137.5	7.2	111.40	73.4	18.76	310.00	188.84	2	0.913	123.82	
	26	108.1	142.0	18.1	111.57	90.0	28.31	310.06	179.28	2	0.898	143.00	
	27	120.4	142.0	10.4	111.57	90.0	28.31	310.02	179.24	2	0.898	141.99	
	28	83.3	144.9	7.2	111.47	78.1	21.24	310.00	186.29	2	0.910	129.74	
	29	73.8	130.7	7.2	111.34	66.6	16.39	310.00	191.23	2	0.911	117.11	
	30	140.4	153.4	50.4	111.52	90.0	28.31	310.19	179.45	2	0.898	143.00	
													96.58

Date		Discharge Dam (cms)	Discharge F/H (cms)	RMP or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Efficie ncy	Output MW	Monthl y Ave. MW
Oct.	1	134.2	209.7	54.2	111.84	90.00	28.31	309.19	179.04	2	0.898	141.66	
	2	115.7	170.8	25.7	111.62	90.00	28.21	309.10	179.34	2	0.898	142.00	
	3	98.4	147.7	8.6	111.48	90.00	28.21	309.01	179.31	2	0.898	142.00	
	4	84.3	135.2	7.2	111.34	78.00	21.74	309.00	185.92	2	0.909	130.90	
	5	80.6	114.2	7.2	111.27	73.43	18.76	309.00	185.86	2	0.912	123.90	
	6	76.7	109.7	7.2	111.21	69.50	16.02	309.00	190.97	2	0.911	118.33	
	7	74.9	109.7	7.2	111.21	67.70	15.06	309.00	191.83	2	0.911	117.06	
	8	99.5	122.3	9.5	111.33	90.00	28.31	309.02	179.45	2	0.898	142.00	
	9	80.9	133.3	7.2	111.40	83.70	24.45	309.00	183.20	2	0.906	136.08	
	10	72.0	111.4	7.2	111.26	64.80	14.45	309.00	193.12	2	0.909	111.42	
	11	64.5	94.3	7.2	111.16	57.30	11.43	309.00	194.41	2	0.898	99.07	
	12	58.8	88.8	7.2	111.11	51.60	9.27	309.00	198.62	2	0.885	88.08	
	13	54.0	83.9	7.2	111.07	46.80	8.29	309.00	198.63	2	0.876	83.68	
	14	52.2	77.3	7.2	111.03	45.00	7.05	309.00	200.92	2	0.843	74.46	
	15	52.4	75.1	7.2	111.01	43.20	6.50	309.00	201.48	2	0.836	72.50	
	16	48.5	72.9	7.2	111.00	41.30	5.84	309.00	202.04	2	0.847	69.29	
	17	46.6	70.7	7.2	110.99	39.40	5.41	309.00	202.61	1	0.900	70.40	
	18	43.8	66.3	7.2	110.96	36.60	4.67	309.00	203.34	1	0.908	66.27	
	19	41.0	61.9	7.2	110.93	33.80	3.98	309.00	204.10	1	0.912	61.63	
	20	38.1	58.1	7.2	110.90	30.90	3.33	309.00	204.78	1	0.909	56.58	
	21	38.1	58.1	7.2	110.90	30.90	3.33	309.00	204.78	1	0.909	56.58	
	22	38.1	58.1	7.2	110.90	31.90	3.54	309.00	204.54	1	0.911	58.24	
	23	38.1	58.1	7.2	110.90	31.90	3.54	309.00	204.54	1	0.911	58.24	
	24	38.1	58.1	7.2	110.90	31.90	3.54	309.00	204.54	1	0.911	58.24	
	25	38.1	61.9	7.2	110.93	30.90	3.33	309.00	204.75	1	0.909	56.57	
	26	37.2	60.0	7.2	110.91	30.00	3.13	309.00	204.95	1	0.907	54.67	
	27	34.4	54.3	7.2	110.87	28.20	2.87	309.00	205.16	1	0.905	53.13	
	28	34.4	52.4	7.2	110.86	28.20	2.87	309.00	205.17	1	0.905	53.14	
	29	34.7	50.5	7.2	110.85	27.50	2.61	309.00	205.52	1	0.899	49.78	
	30	33.7	48.6	7.2	110.83	26.50	2.45	309.00	205.72	1	0.894	47.77	
	31	32.8	46.7	7.2	110.82	25.70	2.30	309.00	205.88	1	0.890	46.14	83.32
Nov.	1	30.3	44.8	7.2	110.81	23.10	1.86	309.00	206.33	1	0.873	40.76	
	2	28.6	41.4	7.2	110.78	21.40	1.59	309.00	206.42	1	0.859	37.21	
	3	27.0	39.7	7.2	110.77	19.80	1.37	309.00	206.86	1	0.844	33.86	
	4	27.0	39.7	7.2	110.77	19.80	1.37	309.00	206.86	1	0.844	33.89	
	5	26.1	38.2	7.2	110.76	18.90	1.24	309.00	206.99	1	0.834	31.89	
	6	26.1	36.7	7.2	110.75	18.90	1.24	309.00	207.01	1	0.834	31.98	
	7	26.1	36.7	7.2	110.75	18.80	1.24	309.00	207.01	1	0.834	31.98	
	8	25.4	38.2	7.2	110.76	18.20	1.15	309.00	207.09	1	0.826	30.22	
	9	25.4	36.7	7.2	110.75	18.20	1.15	309.00	207.10	1	0.826	30.23	
	10	25.4	36.7	7.2	110.75	18.20	1.15	309.00	207.10	1	0.826	30.23	
	11	25.4	36.7	7.2	110.75	18.20	1.15	309.00	207.10	1	0.826	30.23	
	12	24.5	36.7	7.2	110.75	17.30	1.04	309.00	207.21	1	0.816	28.66	
	13	23.8	35.1	7.2	110.74	16.65	0.96	309.00	207.30	1	0.807	27.23	
	14	23.0	33.5	7.2	110.73	15.92	0.87	309.00	207.40	1	0.797	25.60	
	15	23.4	44.7	7.2	110.82	18.20	1.15	309.00	207.03	1	0.826	30.51	
	16	21.4	41.4	7.2	110.78	14.20	0.70	309.00	207.51	0	0.000	0.00	
	17	26.1	44.8	7.2	110.81	18.90	1.24	309.00	206.95	1	0.834	31.97	
	18	31.2	66.3	7.2	110.96	24.00	2.01	309.00	206.04	1	0.878	42.80	
	19	35.5	75.1	7.2	111.01	28.30	2.79	309.00	205.20	1	0.902	51.33	
	20	33.7	66.3	7.2	110.96	26.50	2.45	309.00	205.69	1	0.894	47.74	
	21	28.6	52.4	7.2	110.86	21.40	1.59	309.00	206.55	1	0.859	37.19	
	22	25.4	46.7	7.2	110.82	18.20	1.15	309.00	207.03	1	0.826	30.51	
	23	23.0	42.9	7.2	110.79	15.90	0.87	309.00	207.34	1	0.797	25.39	
	24	23.0	36.7	7.2	110.75	15.80	0.87	309.00	207.38	1	0.797	25.39	
	25	22.2	36.7	7.2	110.75	15.00	0.76	309.00	207.47	0	0.000	0.00	
	26	23.0	36.7	7.2	110.75	15.80	0.87	309.00	207.38	1	0.797	25.39	
	27	27.8	48.6	7.2	110.83	20.40	1.48	309.00	206.69	1	0.851	35.82	
	28	30.3	54.7	7.2	110.87	23.10	1.86	309.00	206.27	1	0.873	40.75	
	29	26.1	48.6	7.2	110.83	18.90	1.24	309.00	206.92	1	0.834	31.97	
	30	29.4	54.2	7.2	110.99	22.20	1.71	309.00	206.40	1	0.868	38.86	
													31.37
Dec.	1	31.2	70.7	7.2	110.99	24.00	2.01	309.00	206.01	1	0.878	42.30	
	2	29.4	61.9	7.2	110.93	22.20	1.72	309.00	206.36	1	0.868	38.85	
	3	27.8	48.6	7.2	110.83	20.40	1.48	309.00	206.68	1	0.851	35.52	
	4	27.0	44.8	7.2	110.81	19.80	1.37	309.00	206.85	1	0.844	33.85	
	5	26.1	39.7	7.2	110.77	18.80	1.24	309.00	206.96	1	0.834	31.98	
	6	25.4	38.2	7.2	110.76	18.20	1.15	309.00	207.09	1	0.826	30.22	
	7	24.5	36.7	7.2	110.75	17.30	1.04	309.00	207.21	1	0.816	28.66	
	8	27.0	46.7	7.2	110.82	18.80	1.37	309.00	206.81	1	0.843	33.85	
	9	33.7	58.1	7.2	110.90	24.30	2.43	309.00	205.66	1	0.894	47.75	
	10	30.3	54.2	7.2	110.99	23.10	1.86	309.00	206.26	1	0.873	40.74	
	11	38.1	72.9	7.2	111.00	30.90	3.33	309.00	204.67	1	0.909	56.75	
	12	59.8	108.6	7.2	111.24	52.60	9.64	309.00	198.13	2	0.888	93.64	
	13	52.2	96.3	7.2	111.16	45.00	7.05	309.00	200.79	2	0.843	76.40	
	14	61.7	116.9	7.2	111.29	54.50	10.34	309.00	197.34	2	0.892	94.08	
	15	102.3	128.0	12.3	111.36	90.00	28.21	309.03	179.44	2	0.898	142.00	
	16	70.1	111.4	7.2	111.26	63.90	13.78	309.00	195.87	2	0.907	108.49	
	17	54.1	83.9	7.2	111.07	46.90	7.66	309.00	200.27	2	0.870	80.08	
	18	43.7	64.1	7.2	110.94	36.50	5.16	309.00	202.90	1	0.903	69.14	
	19	34.7	50.5	7.2	110.85	27.50	2.63	309.00	205.52	1	0.899	49.78	
	20	28.6	44.8	7.2	110.81	21.40	1.59	309.00	206.40	1	0.859	37.20	
	21	24.5	41.4	7.2	110.78	17.30	1.04	309.00	207.17	1	0.816	28.66	
	22	23.8	36.7	7.2	110.75	16.60	0.96	309.00	207.29	1	0.807	27.22	
	23	23.0	36.7	7.2	110.75	15.80	0.87	309.00	207.38	1	0.797	25.39	
	24	23.0	35.1	7.2	110.74	15.80	0.87	309.00	207.39	1	0.797	25.39	
	25	22.2	33.5	7.2	110.73	15.00	0.76	309.00	207.49	0	0.000	0.00	
	26	21.4	32.0	7.2	110.72	14.20	0.70	309.00	207.58	0	0.000	0.00	
	27	20.6	33.5	7.2	110.73	13.40	0.63	309.00	207.65	0	0.000	0.00	
	28	23.8	38.2	7.2	110.76	16.60	0.96	309.00	207.30	1	0.807	27.22	
	29	21.4	33.5	7.2	110.73	14.20	0.70	309.00	207.57	0	0.000	0.00	
	30	19.0	32.0	7.2	110.72	11.80	0.48	309.00	207.80	0	0.000	0.00	
	31	16.5	30.5	7.2	110.71	9.30	0.30	309.00	207.99	0	0.000	0.00	42.60

POWER GENERATION SIMULATION

Year : 1943

Dam Axis @ : Rated Head : 179.50 m
F.R.L.= 319.00 m Max. Plant Discharge : 90.00 cms
Installed Capacity : 142.0 MW

Date		Discharge Dam (cms)	Discharge PH (cms)	RMP or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Effcncy	Output MW	Monthly Ave. MW
Jan.	1	13.8	28.9	15.0	110.70	0.0	0.36	319.00	208.05	0	0.000	0.00	
	2	14.9	24.1	14.9	110.68	0.0	0.31	319.00	208.12	0	0.000	0.00	
	3	19.8	28.9	19.0	110.70	0.0	0.35	319.00	207.73	0	0.000	0.00	
	4	21.4	41.4	21.4	110.78	0.0	0.70	319.00	207.31	0	0.000	0.00	
	5	21.4	39.7	21.4	110.77	0.0	0.70	319.00	207.53	0	0.000	0.00	
	6	20.6	34.7	20.6	110.75	0.0	0.83	319.00	207.62	0	0.000	0.00	
	7	19.8	34.7	19.8	110.75	0.0	0.35	319.00	207.70	0	0.000	0.00	
	8	19.0	33.1	19.0	110.74	0.0	0.48	319.00	207.78	0	0.000	0.00	
	9	17.4	33.5	17.4	110.73	0.0	0.36	319.00	207.81	0	0.000	0.00	
	10	14.5	30.5	14.5	110.71	0.0	0.30	319.00	207.99	0	0.000	0.00	
	11	13.8	27.4	13.8	110.69	0.0	0.36	319.00	208.06	0	0.000	0.00	
	12	14.9	22.5	14.9	110.65	0.0	0.31	319.00	208.14	0	0.000	0.00	
	13	13.3	21.5	13.3	110.64	0.0	0.13	319.00	208.23	0	0.000	0.00	
	14	13.3	20.0	13.3	110.63	0.0	0.13	319.00	208.24	0	0.000	0.00	
	15	14.2	22.5	14.2	110.63	0.0	0.17	319.00	208.18	0	0.000	0.00	
	16	13.3	21.3	13.3	110.64	0.0	0.13	319.00	208.23	0	0.000	0.00	
	17	12.6	20.0	12.6	110.63	0.0	0.30	319.00	208.39	0	0.000	0.00	
	18	23.4	41.4	7.2	110.78	18.2	1.15	319.00	207.06	1	0.836	50.52	
	19	53.2	62.9	7.2	110.91	44.0	7.37	319.00	203.72	2	0.847	78.44	
	20	50.4	61.7	7.2	111.06	43.2	6.30	319.00	201.44	2	0.836	72.97	
	21	52.0	60.0	7.2	110.91	44.8	2.14	319.00	205.95	1	0.884	44.27	
	22	22.2	54.2	22.2	110.76	0.0	0.78	319.00	207.46	0	0.000	0.00	
	23	18.1	53.5	18.1	110.75	0.0	0.41	319.00	207.86	0	0.000	0.00	
	24	57.2	66.7	7.2	110.82	30.0	3.13	319.00	205.05	1	0.907	54.68	
	25	109.3	119.7	14.3	111.31	93.0	20.23	319.04	179.52	2	0.898	142.00	
	26	73.8	159.1	7.2	111.53	66.5	16.20	319.00	191.06	2	0.911	116.99	
	27	48.4	111.4	7.2	111.26	43.2	6.20	319.00	201.34	2	0.851	70.94	
	28	36.1	79.5	7.2	111.04	30.9	3.33	319.00	204.63	1	0.909	54.34	
	29	36.4	68.5	7.2	110.97	29.2	2.97	319.00	205.04	1	0.905	53.11	
	30	35.5	54.3	7.2	110.87	28.3	2.79	319.00	205.34	1	0.902	51.57	
	31	74.7	68.5	7.2	110.97	68.5	16.82	319.00	191.21	2	0.911	118.68	78.72
Feb.	1	85.3	139.7	7.2	111.31	70.1	21.34	319.00	186.45	2	0.910	120.85	
	2	74.0	129.2	7.2	111.34	66.8	15.54	319.00	192.12	2	0.910	114.44	
	3	62.5	98.3	7.2	111.16	53.3	10.65	319.02	197.19	2	0.894	95.55	
	4	48.5	72.9	7.2	111.00	41.5	5.94	319.00	202.06	2	0.847	69.39	
	5	40.0	61.9	7.2	110.93	33.8	3.75	319.00	204.35	1	0.911	59.94	
	6	34.7	56.2	7.2	110.89	27.5	2.63	319.05	205.48	1	0.899	49.77	
	7	28.4	44.7	7.2	110.82	22.2	1.72	319.00	206.44	1	0.846	34.88	
	8	23.4	38.2	7.2	110.76	18.2	1.15	319.00	207.09	1	0.826	30.52	
	9	37.0	44.7	7.2	110.82	18.8	1.37	319.00	206.81	1	0.843	33.05	
	10	112.8	139.7	22.9	111.31	90.0	20.23	319.00	179.54	2	0.898	142.00	
	11	143.2	162.8	53.3	111.57	90.0	20.23	319.20	179.43	2	0.898	142.00	
	12	88.2	122.5	7.2	111.53	81.0	22.05	319.00	184.82	2	0.908	133.20	
	13	60.7	93.8	7.2	111.14	53.5	9.97	319.00	197.09	2	0.890	92.33	
	14	51.3	81.7	7.2	111.06	44.1	6.77	319.00	201.17	2	0.878	74.71	
	15	48.4	61.9	7.2	110.93	43.2	6.30	319.00	201.87	2	0.851	71.08	
	16	48.4	60.0	7.2	110.91	42.2	6.30	319.00	201.89	2	0.851	71.09	
	17	54.1	66.3	7.2	110.96	44.9	7.66	319.00	200.55	2	0.870	83.14	
	18	44.7	54.3	7.2	110.87	37.5	4.90	319.00	203.23	1	0.906	67.60	
	19	29.1	54.3	7.2	110.87	21.9	3.54	319.00	204.58	1	0.911	54.25	
	20	38.3	44.6	7.2	110.83	30.9	3.33	319.00	204.84	1	0.903	54.40	
	21	36.4	44.7	7.2	110.82	29.2	2.97	319.00	205.21	1	0.905	53.15	
	22	34.7	58.1	7.2	110.90	27.5	2.63	319.00	205.47	1	0.899	49.77	
	23	37.2	66.5	7.2	110.97	30.0	3.13	319.00	204.90	1	0.907	54.65	
	24	38.1	58.1	7.2	110.90	30.9	3.33	319.00	204.78	1	0.909	54.98	
	25	37.2	52.4	7.2	110.86	30.0	3.13	319.00	205.01	1	0.907	54.63	
	26	33.7	48.6	7.2	110.83	26.5	2.45	319.00	205.72	1	0.899	47.77	
	27	32.9	44.7	7.2	110.82	25.7	2.30	319.05	205.88	1	0.900	46.14	
	28	32.9	44.8	7.2	110.81	24.9	2.14	319.00	206.05	1	0.844	44.29	
													72.06
Mar.	1	30.3	44.7	7.2	110.81	23.1	1.86	319.00	206.34	1	0.873	40.76	
	2	28.6	42.2	7.2	110.79	21.4	1.59	319.00	206.62	1	0.839	37.21	
	3	37.8	41.0	7.2	110.78	30.6	1.44	319.00	206.74	1	0.851	35.53	
	4	26.1	38.6	7.2	110.76	18.9	1.26	319.00	206.99	1	0.834	31.98	
	5	24.5	36.2	7.2	110.75	17.3	1.04	319.00	207.21	1	0.816	28.66	
	6	23.0	33.9	7.2	110.73	15.8	0.87	319.00	207.40	1	0.797	25.45	
	7	22.2	32.8	22.2	110.72	0.0	0.78	319.00	207.49	0	0.000	0.00	
	8	21.4	31.5	21.4	110.71	0.0	0.70	319.00	207.58	0	0.000	0.00	
	9	20.6	30.4	20.6	110.71	0.0	0.63	319.00	207.67	0	0.000	0.00	
	10	19.8	29.1	19.8	110.70	0.0	0.55	319.00	207.75	0	0.000	0.00	
	11	19.0	28.1	19.0	110.70	0.0	0.55	319.00	207.75	0	0.000	0.00	
	12	19.0	28.0	19.0	110.69	0.0	0.46	319.00	207.82	0	0.000	0.00	
	13	18.1	26.8	18.1	110.68	0.0	0.41	319.00	207.90	0	0.000	0.00	
	14	30.3	44.7	7.2	110.81	23.1	1.86	319.00	206.34	1	0.873	40.76	
	15	42.0	58.1	7.2	110.91	32.8	3.75	319.00	204.35	1	0.911	59.67	
	16	23.8	35.1	7.2	110.74	16.6	0.96	319.00	207.30	1	0.807	27.23	
	17	19.8	28.1	19.8	110.70	0.0	0.35	319.00	207.75	0	0.000	0.00	
	18	18.1	26.8	18.1	110.68	0.0	0.41	319.00	207.90	0	0.000	0.00	
	19	18.1	26.8	18.1	110.68	0.0	0.41	319.00	207.90	0	0.000	0.00	
	20	17.4	25.7	17.4	110.67	0.0	0.34	319.00	207.96	0	0.000	0.00	
	21	18.5	34.4	18.5	110.66	0.0	0.30	319.00	208.03	0	0.000	0.00	
	22	15.8	23.3	15.8	110.66	0.0	0.26	319.00	208.09	0	0.000	0.00	
	23	17.4	25.7	17.4	110.67	0.0	0.26	319.00	207.96	0	0.000	0.00	
	24	24.5	36.2	7.2	110.73	17.3	1.04	319.00	207.21	1	0.816	28.66	
	25	22.2	32.8	22.2	110.72	0.0	0.78	319.00	207.49	0	0.000	0.00	
	26	18.1	26.8	18.1	110.68	0.0	0.41	319.00	207.90	0	0.000	0.00	
	27	15.8	23.3	15.8	110.66	0.0	0.26	319.00	208.09	0	0.000	0.00	
	28	14.9	22.1	14.9	110.65	0.0	0.21	319.00	208.14	0	0.000	0.00	
	29	24.5	36.2	7.2	110.75	17.3	1.04	319.00	207.21	1	0.816	28.66	
	30	32.0	47.3	7.2	110.82	24.8	2.14	319.00	206.03	1	0.864	44.39	
	31	32.9	48.5	7.2	110.83	25.7	2.30	319.00	205.87	1	0.900	46.14	35.33

Date		Discharge Dam (cms)	Discharge PH (cms)	RMP or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Effcncy	Output MW	Monthly Ave. MW
Apr.	1	33.9	48.5	7.2	110.83	25.70	2.30	319.00	205.87	1	0.880	46.14	
	2	20.6	30.4	20.6	110.71	0.00	0.63	319.00	207.67	0	0.000	0.00	
	3	18.5	54.4	14.5	110.66	0.00	0.50	319.00	208.00	0	0.000	0.00	
	4	14.9	22.1	14.9	110.65	0.00	0.31	319.00	208.14	0	0.000	0.00	
	5	14.9	22.1	14.9	110.65	0.00	0.31	319.00	208.14	0	0.000	0.00	
	6	14.9	22.1	14.9	110.65	0.00	0.31	319.00	208.14	0	0.000	0.00	
	7	14.2	20.9	14.2	110.64	0.00	0.17	319.00	208.19	0	0.000	0.00	
	8	14.2	20.9	14.2	110.64	0.00	0.17	319.00	208.19	0	0.000	0.00	
	9	13.3	19.7	13.3	110.63	0.00	0.13	319.00	208.24	0	0.000	0.00	
	10	14.9	22.1	14.9	110.65	0.00	0.31	319.00	208.14	0	0.000	0.00	
	11	15.8	23.3	15.8	110.66	0.00	0.36	319.00	208.09	0	0.000	0.00	
	12	15.8	23.3	15.8	110.65	0.00	0.36	319.00	208.09	0	0.000	0.00	
	13	15.8	23.3	15.8	110.66	0.00	0.36	319.00	208.09	0	0.000	0.00	
	14	15.8	23.3	15.8	110.66	0.00	0.36	319.00	208.09	0	0.000	0.00	
	15	16.5	34.4	16.5	110.66	0.00	0.50	319.00	208.01	0	0.000	0.00	
	16	23.4	37.5	7.2	110.78	18.30	1.15	319.00	207.09	1	0.826	50.53	
	17	57.2	53.0	7.2	110.88	30.00	3.13	319.00	204.89	1	0.907	54.68	
	18	73.7	98.3	7.2	110.84	26.50	2.63	319.00	205.71	1	0.894	47.77	
	19	23.4	37.5	7.2	110.78	18.20	1.15	319.00	207.09	1	0.826	30.53	
	20	22.2	33.8	22.2	110.72	0.00	0.78	319.00	207.49	0	0.000	0.00	
	21	19.0	28.0	18.0	110.69	0.00	0.48	319.00	207.82	0	0.000	0.00	
	22	16.5	24.4	16.5	110.66	0.00	0.30	319.00	208.03	0	0.000	0.00	
	23	14.9	22.1	14.9	110.65	0.00	0.21	319.00	208.14	0	0.000	0.00	
	24	14.9	22.1	14.9	110.65	0.00	0.21	319.00	208.14	0	0.000	0.00	
	25	13.3	19.7	13.3	110.63	0.00	0.13	319.00	208.24	0	0.000	0.00	
	26	13.3	19.7	13.3	110.63	0.00	0.13	319.00	208.24	0	0.000	0.00	
	27	13.3	19.7	13.3	110.63	0.00	0.13	319.00	208.24	0	0.000	0.00	
	28	12.6	18.6	12.6	110.62	0.00	0.10	319.00	208.27	0	0.000	0.00	
	29	12.6	18.6	12.6	110.62	0.00	0.10	319.00	208.27	0	0.000	0.00	
	30	11.9	17.5	11.9	110.62	0.00	0.08	319.00	208.31	0	0.000	0.00	
May	1	11.9	20.0	11.9	110.63	0.00	0.08	319.00	208.29	0	0.000	0.00	
	2	10.3	18.8	10.3	110.63	0.00	0.03	319.00	208.34	0	0.000	0.00	
	3	11.0	17.6	11.0	110.62	0.00	0.05	319.00	208.33	0	0.000	0.00	
	4	11.0	17.6	11.0	110.62	0.00	0.05	319.00	208.33	0	0.000	0.00	
	5	11.0	14.4	11.0	110.61	0.00	0.05	319.00	208.34	0	0.000	0.00	
	6	11.0	15.2	11.0	110.60	0.00	0.05	319.00	208.35	0	0.000	0.00	
	7	10.2	15.2	10.2	110.60	0.00	0.03	319.00	208.37	0	0.000	0.00	
	8	10.2	14.3	10.2	110.59	0.00	0.03	319.00	208.37	0	0.000	0.00	
	9	10.2	13.2	10.2	110.60	0.00	0.03	319.00	208.37	0	0.000	0.00	
	10	10.2	13.3	10.2	110.60	0.00	0.03	319.00	208.37	0	0.000	0.00	
	11	10.2	14.3	10.2	110.59	0.00	0.03	319.00	208.37	0	0.000	0.00	
	12	10.2	13.4	10.2	110.59	0.00	0.03	319.00	208.38	0	0.000	0.00	
	13	9.5	13.4	9.5	110.59	0.00	0.02	319.00	208.39	0	0.000	0.00	
	14	9.5	13.4	9.5	110.59	0.00	0.01	319.00	208.39	0	0.000	0.00	
	15	9.5	13.4	9.5	110.59	0.00	0.02	319.00	208.39	0	0.000	0.00	
	16	9.5	13.4	9.5	110.59	0.00	0.02	319.00	208.39	0	0.000	0.00	
	17	8.8	12.4	8.8	110.59	0.00	0.01	319.00	208.40	0	0.000	0.00	
	18	8.8	13.4	8.8	110.59	0.00	0.01	319.00	208.40	0	0.000	0.00	
	19	7.9	12.6	7.9	110.58	0.00	0.00	319.00	208.42	0	0.000	0.00	
	20	7.9	11.7	7.9	110.58	0.00	0.00	319.00	208.42	0	0.000	0.00	
	21	8.8	12.6	8.8	110.58	0.00	0.01	319.00	208.41	0	0.000	0.00	
	22	22.2	14.4	22.2	110.61	0.00	0.78	319.00	207.41	0	0.000	0.00	
	23	180.7	128.0	90.7	111.36	90.00	28.21	319.32	179.75	2	0.898	142.00	
	24	248.2	319.3	158.2	112.33	90.00	28.21	319.50	179.93	2	0.898	141.79	
	25	190.9	228.1	63.9	111.94	90.00	28.21	319.23	179.06	2	0.898	141.88	
	26	85.3	125.2	7.2	111.34	78.10	21.34	319.00	186.41	2	0.910	129.82	
	27	62.5	101.2	7.2	111.19	55.30	10.65	319.00	197.16	2	0.894	95.55	
	28	72.0	81.7	7.2	111.06	64.80	14.42	319.00	193.33	2	0.908	131.34	
	29	95.7	139.7	7.2	111.31	88.50	27.28	319.00	180.41	2	0.900	140.91	
	30	183.8	203.6	93.8	111.81	90.00	28.21	319.33	179.31	2	0.898	142.00	
	31	398.1	438.4	308.1	112.77	90.00	28.21	319.81	178.83	2	0.899	141.77	34.29
Jun.	1	417.5	515.5	327.5	112.96	90.00	28.21	319.85	178.68	2	0.899	141.63	
	2	344.6	401.8	254.6	112.66	90.00	28.21	319.71	178.04	2	0.899	141.73	
	3	230.6	313.7	140.6	112.24	90.00	28.21	319.43	178.90	2	0.898	141.77	
	4	236.5	296.8	146.5	112.27	90.00	28.21	319.52	179.04	2	0.898	141.86	
	5	229.5	273.5	139.5	115.14	90.00	28.21	319.45	179.08	2	0.898	141.88	
	6	170.6	234.6	80.6	111.97	90.00	28.21	319.29	179.11	2	0.898	141.90	
	7	298.5	341.9	208.5	112.53	90.00	28.21	319.61	178.84	2	0.898	141.75	
	8	277.7	330.9	187.7	112.41	90.00	28.21	319.56	178.93	2	0.898	141.80	
	9	257.1	323.6	167.1	112.98	90.00	28.21	319.75	178.84	2	0.898	141.84	
	10	283.2	405.8	203.2	112.92	90.00	28.21	319.78	178.66	2	0.899	141.62	
	11	278.9	349.2	188.9	112.55	90.00	28.21	319.57	178.81	2	0.899	141.71	
	12	203.6	283.2	113.6	112.21	90.00	28.21	319.38	178.97	2	0.898	141.81	
	13	183.0	247.3	93.0	112.13	90.00	28.21	319.33	178.99	2	0.898	141.83	
	14	154.8	234.6	64.8	111.97	90.00	28.21	319.24	179.06	2	0.898	141.87	
	15	138.9	191.5	34.9	111.74	90.00	28.21	319.15	179.20	2	0.898	141.86	
	16	125.2	191.5	33.2	111.74	90.00	28.21	319.14	179.18	2	0.898	141.95	
	17	138.9	234.9	34.9	111.92	90.00	28.21	319.15	179.02	2	0.898	141.84	
	18	156.7	247.6	45.7	112.04	90.00	28.21	319.25	179.00	2	0.898	141.83	
	19	154.8	234.6	64.8	111.97	90.00	28.21	319.24	179.06	2	0.898	141.87	
	20	137.5	218.8	47.5	111.89	90.00	28.21	319.18	179.08	2	0.898	141.86	
	21	133.7	197.5	43.7	111.78	90.00	28.21	319.17	179.18	2	0.898	141.95	
	22	128.9	185.5	39.9	111.73	90.00	28.21	319.15	179.24	2	0.898	141.98	
	23	117.6	173.7	27.6	111.64	90.00	28.21	319.11	179.26	2	0.898	142.00	
	24	111.8	164.9	21.8	111.59	90.00	28.21	319.08	179.28	2	0.898	142.00	
	25	104.2	144.8	14.3	111.47	90.00	28.21	319.04	179.36	2	0.898	142.00	
	26	97.2	133.5	7.2	111.40	80.00	22.29	319.00	185.31	2	0.900	132.01	
	27	74.0	116.9	7.2	111.29	64.80	13.94	319.00	192.17	2	0.910	134.48	
	28	66.4	98.7	7.2	111.17	59.20	12.21	319.00	195.62	2	0.902	132.22	
	29	59.8	83.9	7.2	111.07	52.40	9.64	319.00	198.29	2	0.898	130.73	
	30	56.9	83.9	7.2	111.07	49.70	8.60	319.00	199.32	2	0.879	85.37	
													135.70

POWER GENERATION SIMULATION

Year : 1943

Dam Axis B
F.R.L. = 315.00 m

Rated Head : 179.30 m
Max. Plant Discharge : 90.00 cms

Installed Capacity : 142.0 MW

Date		Discharge Dam (cms)	Discharge P/H (cms)	R.M.P or Spillage (mm)	Tail water level in (cms)	Plant Q (cms)	Loss	Rsv level	Effect. Head h	Unit	Effcie ncy	Output MW	Monthl y Ave. MW
Jul.	1	56.9	83.9	7.2	111.07	48.7	8.40	319.00	199.33	2	0.879	83.37	
	2	60.7	83.9	7.2	111.07	53.3	9.97	319.00	197.96	2	0.885	92.57	
	3	74.0	101.2	7.2	111.19	64.8	13.54	319.02	192.27	2	0.910	114.34	
	4	60.3	134.2	7.2	111.27	61.1	13.00	319.00	194.72	2	0.904	105.45	
	5	69.2	144.9	7.2	111.47	62.0	13.39	319.00	194.15	2	0.905	106.81	
	6	72.0	134.3	7.3	111.41	64.8	14.43	319.00	192.96	2	0.908	111.53	
	7	73.8	150.7	7.2	111.39	65.6	14.29	319.00	191.23	2	0.911	117.11	
	8	71.1	130.7	7.2	111.58	63.9	14.22	319.00	193.40	2	0.908	109.92	
	9	84.3	147.7	7.2	111.48	77.1	20.70	319.00	186.81	2	0.910	130.55	
	10	91.9	133.4	7.2	111.32	84.7	24.99	319.00	182.50	2	0.903	137.03	
	11	135.6	209.7	45.6	111.84	90.0	28.21	319.18	179.13	2	0.898	141.51	
	12	317.7	345.6	127.7	112.54	90.0	28.21	319.43	178.67	2	0.899	141.42	
	13	306.0	334.3	116.0	112.42	90.0	28.21	319.39	178.78	2	0.899	141.45	
	14	138.7	273.5	68.7	112.16	90.0	28.21	319.25	178.88	2	0.898	141.76	
	15	133.3	219.8	53.3	111.86	90.0	28.21	319.13	179.04	2	0.898	141.66	
	16	104.3	170.8	14.5	111.62	90.0	28.21	319.04	179.21	2	0.898	141.97	
	17	90.0	142.0	7.2	111.47	82.8	23.88	319.00	183.47	2	0.906	135.09	
	18	84.3	128.6	7.2	111.34	77.1	20.70	319.02	184.64	2	0.910	128.80	
	19	74.7	139.7	7.2	111.31	68.5	16.62	319.00	190.87	2	0.911	118.44	
	20	68.3	108.6	7.2	111.24	61.1	13.00	319.00	194.76	1	0.904	105.47	
	21	61.7	98.7	7.3	111.17	54.5	10.34	319.00	197.48	2	0.892	94.12	
	22	54.0	84.8	7.2	111.11	46.8	9.29	319.00	199.60	2	0.876	83.66	
	23	54.1	79.5	7.2	111.04	46.9	7.66	319.00	200.29	2	0.870	80.08	
	24	52.2	73.1	7.2	111.01	45.0	7.05	319.00	200.93	2	0.865	76.47	
	25	48.3	72.9	7.3	111.00	41.3	5.94	319.00	202.06	2	0.847	69.30	
	26	47.5	66.5	7.3	110.97	40.5	5.66	319.00	202.37	2	0.843	67.35	
	27	44.4	66.9	7.2	110.94	38.4	5.41	319.00	202.64	1	0.900	70.41	
	28	45.7	64.1	7.2	110.94	36.5	5.16	319.00	202.80	1	0.903	69.14	
	29	44.7	61.9	7.2	110.93	37.5	4.90	319.00	203.18	1	0.906	67.66	
	30	296.8	237.3	206.8	112.09	90.0	28.21	319.41	179.31	2	0.898	142.00	
	31	838.2	943.9	748.3	113.57	90.0	28.21	320.53	178.74	2	0.899	141.67	109.96
Aug.	1	620.8	726.7	530.8	113.35	90.0	28.21	320.30	178.64	2	0.899	141.60	
	2	1302.2	1427.9	1282.2	114.32	90.0	28.21	321.23	178.70	2	0.899	141.64	
	3	1293.7	1719.9	1143.7	114.71	90.0	28.21	321.05	178.13	2	0.899	141.28	
	4	908.1	1164.9	618.1	114.00	90.0	28.21	320.63	178.62	2	0.899	141.66	
	5	698.2	868.2	548.2	113.58	90.0	28.21	320.26	178.47	2	0.899	141.50	
	6	680.1	540.9	320.1	113.07	90.0	28.21	319.84	178.55	2	0.899	141.55	
	7	222.4	344.6	132.4	112.46	90.0	28.21	319.43	178.76	2	0.899	141.68	
	8	177.7	267.8	87.7	112.19	90.0	28.21	319.21	178.97	2	0.899	141.81	
	9	156.7	234.6	66.7	111.87	90.0	28.21	319.05	179.06	2	0.899	141.87	
	10	143.2	209.7	53.2	111.84	90.0	28.21	319.20	179.15	2	0.898	141.93	
	11	154.8	213.7	64.8	111.86	90.0	28.21	319.34	179.17	2	0.898	141.94	
	12	151.6	224.9	71.6	111.92	90.0	28.21	319.26	179.11	2	0.898	141.92	
	13	134.7	200.3	44.7	111.79	90.0	28.21	319.17	179.17	2	0.898	141.94	
	14	134.7	162.0	26.7	111.57	90.0	28.21	319.10	179.22	2	0.898	142.00	
	15	101.4	144.9	11.4	111.47	90.0	28.21	319.02	179.35	2	0.898	142.00	
	16	93.8	133.5	7.2	111.40	86.6	26.12	319.00	181.48	2	0.902	138.96	
	17	88.2	128.0	7.2	111.36	81.0	22.65	319.00	184.79	2	0.908	133.18	
	18	80.6	116.9	7.2	111.26	73.4	18.76	319.00	188.95	2	0.912	123.89	
	19	78.7	108.2	7.2	111.22	71.5	17.80	319.00	189.97	2	0.912	121.51	
	20	74.9	102.7	7.2	111.21	67.7	15.96	319.00	191.83	2	0.911	115.95	
	21	93.8	142.0	7.2	111.45	86.6	26.12	319.00	181.45	2	0.902	138.93	
	22	347.4	631.0	257.4	113.50	90.0	28.21	319.71	179.00	2	0.899	141.19	
	23	416.0	795.2	326.0	113.44	90.0	28.21	319.83	178.17	2	0.899	141.31	
	24	296.3	461.2	266.3	112.83	90.0	28.21	319.61	178.54	2	0.899	141.54	
	25	206.0	398.2	116.0	112.65	90.0	28.21	319.39	178.53	2	0.899	141.55	
	26	159.7	273.5	69.7	112.16	90.0	28.21	319.26	178.88	2	0.898	141.76	
	27	135.6	224.9	45.6	111.92	90.0	28.21	319.18	178.94	2	0.898	141.86	
	28	117.6	197.5	27.6	111.78	90.0	28.21	319.11	179.12	2	0.898	141.91	
	29	101.4	173.7	11.4	111.64	90.0	28.21	319.03	179.18	2	0.898	141.89	
	30	91.9	142.0	7.2	111.43	84.7	24.99	319.00	182.57	2	0.905	137.07	
	31	83.4	139.7	7.2	111.41	76.2	20.22	319.00	187.36	2	0.911	127.44	139.38
Sep.	1	83.4	136.3	7.2	111.41	76.2	20.22	319.00	187.36	2	0.911	127.44	
	2	116.7	175.6	36.7	111.67	90.0	28.21	319.10	179.22	2	0.895	141.97	
	3	183.9	257.3	93.9	112.09	90.0	28.21	319.33	179.01	2	0.898	141.85	
	4	152.3	218.8	62.3	111.89	90.0	28.21	319.23	179.13	2	0.898	141.92	
	5	127.3	176.7	37.3	111.66	90.0	28.21	319.14	179.28	2	0.898	141.60	
	6	108.1	156.3	18.1	111.54	90.0	28.21	319.06	179.31	2	0.898	142.00	
	7	92.9	136.3	7.2	111.41	83.7	23.98	319.00	182.01	2	0.905	139.09	
	8	74.7	130.0	7.2	111.36	68.5	16.62	319.00	190.83	2	0.911	118.43	
	9	83.4	130.7	7.2	111.39	76.2	20.22	319.00	187.40	2	0.911	127.47	
	10	84.3	119.7	7.2	111.31	79.0	21.76	319.00	185.94	2	0.908	130.92	
	11	91.9	119.7	7.2	111.31	84.7	24.98	319.00	182.71	2	0.904	137.16	
	12	90.0	125.3	7.2	111.34	83.8	23.88	319.00	183.78	2	0.906	135.16	
	13	186.2	212.7	99.2	111.84	90.0	28.21	319.34	179.27	2	0.898	142.00	
	14	235.3	360.6	165.3	112.54	90.0	28.21	319.31	178.76	2	0.899	141.68	
	15	202.6	317.2	132.6	112.35	90.0	28.21	319.38	178.82	2	0.899	141.72	
	16	190.7	237.9	69.7	111.99	90.0	28.21	319.34	179.04	2	0.898	141.87	
	17	137.5	191.5	47.5	111.74	90.0	28.21	319.18	179.23	2	0.898	141.98	
	18	130.9	179.6	40.9	111.67	90.0	28.21	319.16	179.27	2	0.898	142.00	
	19	143.2	185.5	53.2	111.71	90.0	28.21	319.30	179.28	2	0.899	142.00	
	20	146.1	231.4	56.1	111.96	90.0	28.21	319.21	179.04	2	0.898	141.86	
	21	135.6	212.7	45.6	111.84	90.0	28.21	319.18	179.11	2	0.898	141.80	
	22	204.8	273.5	114.8	112.16	90.0	28.21	319.39	179.01	2	0.898	141.84	
	23	237.7	338.3	147.7	112.51	90.0	28.21	319.47	178.75	2	0.899	141.67	
	24	186.0	303.6	96.0	112.30	90.0	28.21	319.31	178.83	2	0.899	141.72	
	25	123.7	218.8	63.7	111.88	90.0	28.21	319.24	178.14	2	0.898	141.21	
	26	138.4	200.3	48.4	111.79	90.0	28.21	319.19	179.18	2	0.898	141.93	
	27	122.2	194.4	35.2	111.76	90.0	28.21	319.14	179.17	2	0.898	141.94	
	28	109.9	185.5	19.9	111.73	90.0	28.21	319.07	179.14	2	0.898	141.92	
	29	99.5	167.8	9.5	111.61	90.0	28.21	319.02	179.30	2	0.898	141.96	
	30	90.0	147.7	7.2	111.49	83.8	23.88	319.00	183.64	2	0.906	135.07	
													139.95

Date		Discharge Dam (cms)	Discharge P/H (cms)	R.M.P or Spillage (mm)	Tail water level in (cms)	Plant Q (cms)	Loss	Rsv level	Effect. Head h	Unit	Effcie ncy	Output MW	Monthl y Ave. MW
Oct.	1	96.2	136.3	7.2	111.41	70.00	21.76	319.00	187.53	2	0.908	130.63	
	2	80.6	130.0	7.2	111.36	73.40	18.76	319.00	186.57	2	0.912	123.85	
	3	74.9	119.7	7.2	111.31	67.70	15.96	319.00	191.75	2	0.910	119.82	
	4	78.7	119.7	7.2	111.31	71.50	17.80	319.00	189.99	2	0.912	121.29	
	5	122.8	147.8	42.8	111.61	90.00	28.21	319.17	179.35	2	0.898	142.00	
	6	106.2	163.0	16.2	111.57	90.00	28.21	319.05	179.27	2	0.898	142.00	
	7	112.8	128.1	22.8	111.53	90.00	28.21	319.09	179.32	2	0.898	142.00	
	8	93.7	142.0	7.2	111.45	86.50	27.28	319.00	180.27	2	0.903	140.72	
	9	86.2	128.0	7.2	111.36	81.00	22.85	319.00	184.79	2	0.908	133.16	
	10	106.2	156.3	16.2	111.54	90.00	28.21	319.05	179.31	2	0.898	142.00	
	11	103.4	133.4	10.4	111.53	90.00	28.21	319.02	179.39	2	0.898	142.00	
	12	97.2	133.5	7.2	111.40	80.50	22.39	319.00	182.31	2	0.909	132.02	
	13	96.6	125.2	7.2	111.34	73.40	18.76	319.00	186.89	2	0.912	123.94	
	14	93.8	139.7	7.2	111.51	86.60	26.12	319.00	181.57	2	0.902	139.04	
	15	178.7	191.5	88.7	111.74	90.00	28.21	319.31	179.34	2	0.898	142.00	
	16	193.7	216.8	68.7	111.88	90.00	28.21	319.34	179.15	2	0.898	141.93	
	17	122.3	167.8	32.3	111.61	90.00	28.21	319.12	179.31	2	0.898	142.00	
	18	98.6	164.8	8.6	111.47	90.00	28.21	319.01	179.33	2	0.898	142.00	
	19	85.3	119.7	7.2	111.31	78.10	21.34	319.00	186.45	2	0.910	128.85	
	20	77.7	114.2	7.2	111.27	70.50	17.31	319.00	190.43	2	0.911	118.91	
	21	72.6	108.7	7.2	111.21	64.80	14.48	319.00	193.17	2	0.909	111.49	
	22	72.8	103.7	7.2	111.21	64.80	14.48	319.00	193.17	2	0.909	111.45	
	23	79.6	108.7	7.2	111.21	72.40	18.26	319.00	189.54	2	0.912	122.40	
	24	67.3	96.7	7.2	111.17	60.10	13.78	319.00	195.25	2	0.903	103.84	
	25	59.8	86.9	7.2	111.09	52.60	9.64	319.00	198.37	2	0.888	90.72	
	26	54.0	83.9	7.2	111.07	46.80	8.20	319.00	199.63	2	0.876	83.68	
	27	53.1	77.3	7.2	111.03	47.90	7.99	319.00	199.90	2	0.874	83.00	
	28	59.8	83.9	7.2	111.07	52.60	9.64	319.00	198.20	2	0.888	90.73	
	29	69.2	93.5	7.2	111.14	62.00	13.59	319.00	194.47	2	0.904	107.01	
	30	63.5	88.9	7.2	111.11	54.30	11.04	319.00	196.85	2	0.896	97.39	
	31	56.0	83.9	7.2	111.07	48.80	8.39	319.00	198.63	2	0.876	83.68	111.70
Nov.	1	53.2	78.4	7.2	111.04	44.00	7.37	319.00	200.59	2	0.867	78.38	
	2	53.2	78.4	7.2	111.04	44.00	7.37	319.00	200.59	2	0.867	78.38	
	3	91.9	135.6	7.2	111.41	84.70	24.98	319.00	183.63	2	0.904	137.10	
	4	239.8	345.9	143.9	112.46	90.00	28.21	319.46	178.79	2	0.899	141.75	
	5	178.7	243.7	88.7	112.12	90.00	28.21	319.31	178.99	2	0.898	141.83	
	6	119.4	176.9	29.4	111.66	90.00	28.21	319.11	179.25	2	0.898	141.99	
	7	91.9	135.6	7.2	111.41	84.70	24.98	319.00	183.60	2	0.904	137.10	
	8	76.7	114.1	7.2	111.20	71.30	17.80	319.00	189.91	2	0.912	121.31	
	9	70.1	108.7	7.2	111.20	62.90	13.78	319.00	194.02	2	0.907	108.43	
	10	64.5	95.1	7.2	111.15	57.30	11.45	319.00	196.42	2	0.898	99.07	
	11	66.4	98.0	7.2	111.17	59.20	12.21	319.00	195.63	2	0.902	102.35	
	12	63.5	93.3	7.2	111.13	53.30	10.05	319.00	197.20	2	0.894	95.57	
	13	54.9	84.0	7.2	111.07	48.70	8.49	319.00	198.32	2	0.879	83.97	
	14	51.9	75.0	7.2	111.02	44.10	6.77	319.00	201.21	2	0.859	74.75	
	15	47.5	70.1	7.2	110.98	40.30	5.66	319.00	202.36	2	0.843	67.34	
	16	44.7	66.0	7.2	110.95	37.50	4.90	319.00	202.15	1	0.806	67.66	
	17	44.7	66.0	7.2	110.95	37.50	4.90	319.00	202.15	1	0.806	67.66	
	18	63.5	93.7	7.2	111.14	54.30	11.04	319.00	196.82	2	0.896	97.33	
	19	64.5	95.1	7.2	111.15	57.30	11.45	319.00	196.42	2	0.898	99.07	
	20	54.1	79.9	7.2	111.05	44.90	7.66	319.00	202.20	2	0.870	80.10	
	21	48.9	71.5	7.2	110.99	41.30	5.94	319.00	202.07	2	0.847	68.30	
	22	43.6	63.2	7.2	110.93	33.60	4.41	319.00	203.63	1	0.810	64.67	
	23	98.1	57.7	7.2	110.90	31.90	3.54	319.00	204.54	1	0.811	54.24	
	24	33.5	52.5	7.2	110.86	28.30	2.79	319.00	205.35	1	0.802	51.37	
	25	34.7	51.2	7.2	110.85	27.50	2.63	319.00	205.51	1	0.999	49.78	
	26	34.7	51.2	7.2	110.85	27.50	2.63	319.00	205.51	1	0.999	49.78	
	27	33.9	48.5	7.2	110.83	23.70	2.39	319.00	205.87	1	0.993	46.94	
	28	32.0	47.3	7.2	110.82	24.80	2.14	319.00	206.05	1	0.804	44.39	
	29	31.2	44.0	7.2	110.82	24.00	2.01	319.00	206.18	1	0.879	42.63	
	30	30.3	44.7	7.2	110.81	23.30	1.86	319.00	206.54	1	0.873	40.76	
													94.60
Dec.	1	29.4	43.9	7.2	110.79	22.50	1.72	319.00	206.69	1	0.866	38.88	
	2	32.0	42.9	7.2	110.79	24.80	2.14	319.00	206.06	1	0.804	44.50	
	3	32.0	44.7	7.2	110.82	24.80	2.14	319.00	205.84	1	0.804	44.39	
	4	33.7	54.3	7.2	110.87	26.30	2.45	319.00	205.46	1	0.894	47.76	
	5	40.0	60.9	7.2	110.91	32.30	3.75	319.00	204.34	1	0.911	59.67	
	6	34.7	54.3	7.2	110.89	27.50	2.63	319.00	205.48	1	0.999	49.77	
	7	32.0	52.4	7.2	110.86	24.80	2.14	319.00	206.00	1	0.864	44.38	
	8	29.4	44.7	7.2	110.82	22.20	1.72	319.00	206.66	1	0.866	38.98	
	9	30.3	44.8	7.2	110.81	23.10	1.86	319.00	206.53	1	0.873	40.76	
	10	42.8	68.6	7.2	110.93	35.60	4.41	319.00	200.75	1	0.910	64.78	
	11	59.1	58.1	7.2	110.90	31.90	3.54	319.00	204.54	1	0.911	58.24	
	12	64.5	64.3	7.2	111.09	57.30	11.45	319.00	196.47	2	0.898	99.11	
	13	96.7	139.1	7.2	111.43	90.30	27.80	319.00	179.67	2	0.898	141.63	
	14	86.4	123.2	7.2	111.34	79.20	22.21	319.00	185.45	2	0.901	102.22	
	15	47.5	88.8	7.2	111.11	40.30	5.66	319.00	202.24	2	0.843	67.20	
	16	41.0	60.5	7.2	110.97	33.80	3.98	319.00	204.89	1	0.912	61.42	
	17	44.7	66.3	7.2	110.96	37.50	4.90	319.00	203.15	1	0.806	67.66	
	18	40.0	56.2	7.2	110.89	32.80	3.75	319.00	204.37	1	0.911	59.87	
	19	33.7	50.5	7.2	110.85	26.30	2.45	319.00	205.71	1	0.894	47.77	
	20	29.4	44.7	7.2	110.82	22.20	1.72	319.00	206.66	1	0.866	38.98	
	21	28.6	43.9	7.2	110.79	21.40	1.59	319.00	206.61	1	0.859	37.21	
	22	27.0	39.7	7.2	110.77	19.80	1.57	319.00	206.66	1	0.844	33.66	
	23	26.1	39.7	7.2	110.77	18.90	1.34	319.00	206.96	1	0.834	31.98	
	24	23.4	39.7	7.2	110.77	18.20	1.15	319.00	207.07	1	0.826	30.32	
	25	23.4	39.7	7.2	110.77	18.20	1.15	319.00	207.07	1	0.826	30.32	
	26	33.5	44.8	7.2	110.81	28.30	2.79	319.00	205.40	1	0.902	51.38	
	27	28.6	44.7	7.2	110.82	21.40	1.59	319.00	206.58	1	0.859	37.20	
	28	26.1	43.9	7.2	110.79	18.90	1.34	319.00	206.56	1	0.834	31.97	
	29	23.4	37.4	7.2	110.69	18.20	1.15	319.00	207.16	1	0.826	30.34	
	30	24.5	33.1	7.2	110.74	17.30	1.04	319.00	207.23	1	0.816	28.47	
	31	23.3	33.3	7.2	110.73	16.40	0.96	319.00	207.31	1	0.807	27.29	31.23

POWER GENERATION SIMULATION

Year : 1944 | Dam Axis : D | F.S.L. = 319.00 m | Rated Head : 179.30 m | Max. Plant Discharge : 95.00 cms | Installed Capacity : 142.0 MW

Date		Discharge Dam (cms)	Discharge P/H (cms)	RMF or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Efficie ncy	Output MW	Monthl y Ave. MW
Jan.	1	23.9	23.9	7.2	110.73	16.6	0.94	319.00	207.31	1	0.807	27.23	
	2	23.8	95.1	7.2	110.74	16.6	0.96	319.00	207.30	1	0.807	27.23	
	3	39.3	41.4	7.2	110.76	25.1	1.86	319.00	206.54	1	0.873	40.77	
	4	48.5	61.9	7.2	110.93	41.3	3.94	319.00	203.13	2	0.847	69.52	
	5	41.9	80.9	7.2	110.91	34.7	4.19	319.00	203.89	1	0.911	63.18	
	6	36.4	90.3	7.2	110.85	29.2	2.97	319.00	205.18	1	0.905	53.14	
	7	39.4	61.9	7.2	110.93	43.2	6.50	319.00	201.54	2	0.854	73.09	
	8	64.4	83.9	7.2	111.07	59.3	13.21	319.00	195.72	2	0.902	102.58	
	9	91.5	166.2	7.2	111.32	74.3	19.29	319.00	188.55	2	0.911	125.13	
	10	160.5	188.5	79.1	111.73	90.0	24.31	319.20	179.35	2	0.898	142.00	
	11	162.6	237.3	72.6	112.09	90.0	25.21	319.37	178.97	2	0.898	141.81	
	12	163.2	188.5	83.2	111.73	90.0	25.21	319.20	179.27	2	0.898	142.00	
	13	207.2	244.6	117.2	112.46	90.0	25.21	319.59	178.72	2	0.899	141.66	
	14	208.5	261.9	129.9	112.53	90.0	25.21	319.59	178.66	2	0.899	141.74	
	15	255.3	302.0	143.3	113.35	90.0	25.21	319.64	178.97	2	0.898	141.82	
	16	268.4	293.1	178.4	113.25	90.0	25.21	319.55	179.06	2	0.898	141.89	
	17	265.0	317.2	150.0	113.35	90.0	25.21	319.48	178.91	2	0.898	141.78	
	18	175.5	228.1	85.5	111.94	90.0	25.21	319.30	179.15	2	0.898	141.97	
	19	154.7	173.7	44.7	111.64	90.0	25.21	319.17	179.32	2	0.898	142.00	
	20	157.3	142.0	17.3	111.45	90.0	25.21	319.06	179.40	2	0.898	142.00	
	21	93.4	118.7	7.2	111.31	76.3	20.32	319.00	187.47	2	0.911	127.51	
	22	72.0	108.6	7.2	111.24	64.8	14.62	319.00	193.14	2	0.909	111.43	
	23	64.4	98.7	7.2	111.17	59.3	13.21	319.00	195.42	2	0.902	102.32	
	24	73.0	104.2	7.2	111.22	65.8	15.08	319.00	192.70	2	0.909	113.99	
	25	72.0	98.7	7.2	111.17	64.8	14.62	319.00	193.20	2	0.909	111.47	
	26	69.3	103.7	7.2	111.21	63.0	13.39	319.00	194.41	2	0.906	106.97	
	27	69.3	94.9	7.2	111.16	62.0	13.39	319.00	194.46	2	0.906	107.00	
	28	79.6	93.8	7.2	111.14	72.4	18.26	319.00	189.80	2	0.912	122.64	
	29	85.3	136.3	7.2	111.41	78.1	21.36	319.00	186.54	2	0.910	120.78	
	30	98.6	136.3	8.6	111.41	90.0	28.21	319.01	179.39	2	0.898	142.00	
	31	94.2	108.6	7.2	111.24	79.0	21.74	319.00	186.02	2	0.909	130.97	111.20
Feb.	1	68.5	96.3	7.2	111.16	61.1	13.02	319.00	194.84	2	0.906	105.52	
	2	73.1	114.3	7.2	111.27	63.9	14.22	319.00	193.51	2	0.908	109.99	
	3	67.5	111.4	7.2	111.26	60.1	12.58	319.00	195.16	2	0.903	103.79	
	4	56.0	94.3	7.2	111.16	48.8	8.29	319.00	199.53	2	0.876	83.64	
	5	49.4	83.9	7.2	111.07	42.3	6.30	319.00	201.72	2	0.851	71.02	
	6	46.6	68.5	7.2	110.97	39.4	5.41	319.00	202.62	1	0.900	70.41	
	7	44.7	61.9	7.2	110.93	37.5	4.90	319.00	203.18	1	0.906	67.66	
	8	37.2	94.1	7.2	110.90	30.0	3.13	319.00	204.97	1	0.907	54.67	
	9	33.5	54.3	7.2	110.87	28.3	2.79	319.00	205.54	1	0.902	51.37	
	10	33.7	52.4	7.2	110.86	24.5	2.45	319.00	205.69	1	0.894	47.76	
	11	28.4	44.7	7.2	110.83	22.2	1.72	319.00	206.44	1	0.866	38.88	
	12	27.8	42.9	7.2	110.79	20.6	1.48	319.00	206.73	1	0.851	35.53	
	13	27.0	38.3	7.2	110.76	18.8	1.37	319.00	206.87	1	0.844	33.06	
	14	26.1	36.7	7.2	110.75	18.9	1.34	319.00	207.01	1	0.834	31.98	
	15	25.4	33.1	7.2	110.74	18.2	1.33	319.00	207.11	1	0.826	30.53	
	16	24.3	39.7	7.2	110.77	17.3	1.04	320.00	207.19	1	0.816	28.66	
	17	34.7	52.4	7.2	110.86	27.5	2.63	319.00	205.51	1	0.898	49.75	
	18	28.4	44.7	7.2	110.83	22.2	1.72	319.00	206.44	1	0.866	38.88	
	19	31.2	44.7	7.2	110.82	24.0	2.01	319.00	206.17	1	0.879	43.43	
	20	33.7	42.9	7.2	110.79	26.5	2.45	319.00	205.76	1	0.894	47.78	
	21	37.2	52.4	7.2	110.86	30.0	3.13	319.00	205.01	1	0.907	54.68	
	22	54.0	61.9	7.2	110.93	44.8	8.29	319.00	199.78	2	0.877	83.76	
	23	46.6	83.9	7.2	111.07	39.4	5.41	319.00	202.52	1	0.900	70.38	
	24	59.1	54.3	7.2	110.96	51.9	3.54	319.00	204.50	1	0.911	51.22	
	25	41.0	61.9	7.2	110.93	33.8	3.98	319.00	204.10	1	0.913	61.63	
	26	43.8	64.1	7.2	110.94	36.6	4.67	319.00	203.39	1	0.908	64.27	
	27	43.8	70.7	7.2	110.99	35.6	4.41	319.00	203.69	1	0.910	64.65	
	28	37.2	79.5	7.2	111.04	44.0	7.37	319.00	200.39	2	0.847	78.37	
	29	33.7	68.5	7.2	110.97	28.5	2.83	319.00	205.20	1	0.903	51.73	
													59.79
Mar.	1	44.7	61.9	7.2	110.93	37.5	4.90	319.00	203.18	1	0.906	67.66	
	2	33.5	50.5	7.2	110.85	28.3	2.79	319.00	205.36	1	0.902	51.37	
	3	32.9	30.5	7.2	110.85	25.7	2.30	319.00	205.85	1	0.890	46.13	
	4	33.9	44.7	7.2	110.82	25.7	2.30	319.00	205.88	1	0.890	46.14	
	5	34.1	30.5	7.2	110.85	30.0	3.33	319.00	204.83	1	0.909	56.40	
	6	53.2	54.3	7.2	110.97	44.0	7.37	319.00	200.75	2	0.847	78.48	
	7	42.8	64.3	7.2	110.96	33.6	4.41	319.00	203.63	1	0.910	64.66	
	8	36.4	52.4	7.2	110.86	29.2	2.97	319.00	205.17	1	0.905	53.14	
	9	31.2	30.5	7.2	110.85	24.0	2.01	319.00	206.15	1	0.879	43.43	
	10	31.2	48.6	7.2	110.83	24.0	2.01	319.00	206.16	1	0.879	43.43	
	11	39.1	54.3	7.2	110.87	31.9	3.54	319.00	204.58	1	0.911	58.25	
	12	91.9	75.1	7.2	111.01	64.7	24.99	319.00	163.00	2	0.904	157.35	
	13	283.7	317.2	193.7	112.35	95.0	28.21	319.59	179.01	2	0.898	141.84	
	14	377.7	446.0	247.7	113.79	90.0	28.21	319.89	178.89	2	0.899	141.64	
	15	252.9	348.0	162.9	113.47	90.0	28.21	319.51	178.82	2	0.899	141.72	
	16	142.3	234.9	52.3	111.92	90.0	28.21	319.20	179.07	2	0.898	141.88	
	17	177.8	191.5	87.8	111.74	90.0	28.21	319.25	179.30	2	0.898	142.09	
	18	252.9	347.4	162.9	112.04	90.0	28.21	319.51	179.26	2	0.898	142.00	
	19	282.1	419.9	193.1	112.72	90.0	28.21	319.57	178.64	2	0.899	141.41	
	20	195.7	257.3	105.7	112.09	90.0	28.21	319.36	179.06	2	0.898	141.84	
	21	136.8	188.5	46.6	111.73	90.0	28.21	319.18	179.24	2	0.898	141.99	
	22	101.4	147.7	11.4	111.48	90.0	28.21	319.03	179.33	2	0.898	142.00	
	23	79.6	108.7	7.2	111.31	72.4	18.26	319.00	189.44	2	0.912	122.53	
	24	64.4	108.2	7.2	111.22	59.2	13.21	319.00	195.57	2	0.902	102.29	
	25	58.8	83.9	7.2	111.07	51.6	9.27	319.00	198.65	2	0.885	88.90	
	26	51.3	72.9	7.2	111.00	44.1	6.77	319.00	201.23	2	0.859	74.74	
	27	46.6	61.9	7.2	110.93	39.4	5.41	319.00	202.67	1	0.900	70.42	
	28	42.8	56.2	7.2	110.89	35.6	4.41	319.00	203.70	1	0.910	64.68	
	29	40.0	54.3	7.2	110.87	32.8	3.72	319.00	204.38	1	0.911	59.88	
	30	34.1	48.6	7.2	110.83	30.9	3.33	319.00	204.84	1	0.909	54.40	
	31	41.9	48.6	7.2	110.83	33.8	3.98	319.00	204.19	1	0.912	61.66	92.41

Date		Discharge Dam (cms)	Discharge P/H (cms)	RMF or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Efficie ncy	Output MW	Monthl y Ave. MW
Apr.	1	59.1	48.6	7.2	110.83	51.90	3.54	319.00	204.63	1	0.911	58.36	
	2	34.7	44.7	7.2	110.83	27.50	2.43	319.00	205.55	1	0.889	49.79	
	3	31.3	43.9	7.2	110.79	24.60	2.01	319.00	206.20	1	0.879	43.94	
	4	29.4	41.4	7.2	110.78	22.20	1.72	319.00	206.53	1	0.866	38.88	
	5	27.0	38.2	7.2	110.76	18.80	1.37	319.00	206.87	1	0.844	33.86	
	6	25.4	36.7	7.2	110.75	18.20	1.33	319.00	207.10	1	0.826	30.53	
	7	25.8	55.1	7.2	110.91	16.40	0.96	319.00	207.50	1	0.807	27.23	
	8	23.0	33.5	7.2	110.73	15.80	0.87	319.00	207.40	1	0.797	25.65	
	9	23.3	33.5	23.2	110.73	0.00	0.78	319.00	207.49	0	0.000	0.00	
	10	23.2	32.0	23.2	110.72	0.00	0.78	319.00	207.50	0	0.000	0.00	
	11	21.4	30.5	21.4	110.71	0.00	0.70	319.00	207.59	0	0.000	0.00	
	12	21.4	33.5	21.4	110.73	0.00	0.70	319.00	207.57	0	0.000	0.00	
	13	20.6	30.5	20.6	110.71	0.00	0.63	319.00	207.67	0	0.000	0.00	
	14	19.8	30.5	19.8	110.71	0.00	0.55	319.00	207.74	0	0.000	0.00	
	15	19.0	28.9	19.0	110.70	0.00	0.48	319.00	207.82	0	0.000	0.00	
	16	19.0	28.9	19.0	110.70	0.00	0.48	319.00	207.82	0	0.000	0.00	
	17	33.8	32.0	7.2	110.73	16.40	0.96	319.00	207.32	1	0.807	27.23	
	18	32.0	30.2	7.2	110.76	24.80	2.14	319.00	206.10	1	0.885	44.31	
	19	51.3	55.5	7.2	110.85	44.10	6.77	319.00	201.24	2	0.840	74.81	
	20	104.5	95.8	14.3	111.14	90.00	28.21	319.04	179.09	2	0.898	142.00	
	21	87.2	158.7	7.2	111.31	80.00	22.28	319.00	185.40	2	0.908	132.08	
	22	49.4	64.3	7.2	111.09	43.20	6.30	319.00	201.71	2	0.851	71.01	
	23	55.5	54.2	7.2	110.99	24.30	2.79	319.00	205.32	1	0.902	51.36	
	24	29.4	42.9	7.2	110.79	22.20	1.72	319.00	206.49	1	0.866	38.88	
	25	27.8	41.4	7.2	110.78	20.40	1.48	319.00	206.74	1	0.851	35.53	
	26	28.4	38.2	7.2	110.76	18.30	1.35	319.00	207.08	1	0.836	30.32	
	27	33.8	33.5	7.2	110.73	16.40	0.96	319.00	207.31	1	0.807	27.23	
	28	23.0	32.0	7.2	110.72	15.80	0.87	319.00	207.41	1	0.797	25.60	
	29	23.2	30.5	23.2	110.71	0.00	0.78	319.00	207.51	0	0.000	0.00	
	30	21.4	28.9	21.4	110.70	0.00	0.70	319.00	207.60	0	0.000	0.00	
													53.58
May	1	21.4	28.9	21.4	110.70	0.00	0.70	319.00	207.60	0	0.000	0.00	
	2	20.6	27.4	20.6	110.69	0.00	0.63	319.00	207.69	0	0.000	0.00	
	3	19.8	27.4	19.8	110.69	0.00	0.55	319.00	207.76	0	0.000	0.00	
	4	19.0	27.4	19.0	110.69	0.00	0.48	319.00	207.83	0	0.000	0.00	
	5	19.0	26.1	19.0	110.68	0.00	0.48	319.00	207.84	0	0.000	0.00	
	6	18.1	24.9	18.1	110.67	0.00	0.41	319.00	207.92	0	0.000	0.00	
	7	17.4	23.7	17.4	110.66	0.00	0.36	319.00	207.98	0	0.000	0.00	
	8	17.6	22.5	17.4	110.65	0.00	0.36	319.00	207.99	0	0.000	0.00	
	9	17.6	23.7	17.4	110.66	0.00	0.36	319.00	207.98	0	0.000	0.00	
	10	18.1	24.9	18.1	110.67	0.00	0.41	319.00	207.92	0	0.000	0.00	
	11	18.1	24.9	18.1	110.67	0.00	0.41	319.00	207.92	0	0.000	0.00	
	12	18.1	24.9	18.1	110.67	0.00	0.41	319.00	207.92	0	0.000	0.00	
	13	17.4	24.9	17.4	110.67	0.00	0.36	319.00	207.97	0	0.000	0.00	
	14	17.4	24.9	17.4	110.67	0.00	0.36	319.00	207.97	0	0.000	0.00	
	15	16.5	24.9	16.5	110.67	0.00	0.30	319.00	208.03	0	0.000	0.00	
	16	16.5	23.7	16.5	110.66	0.00	0.30	319.00	208.04	0	0.000	0.00	
	17	16.5	23.7	16.5	110.66	0.00	0.30	319.00	208.04	0	0.000	0.00	
	18	17.4	23.7	17.4	110.66	0.00	0.36	319.00	207.98	0	0.000	0.00	
	19	18.1	24.1	18.1	110.68	0.00	0.41	319.00	207.91	0	0.000	0.00	
	20	21.4	24.1	21.4	110.68	0.00	0.70	319.00	207.62	0	0.000	0.00	
	21	21.4	24.1	21.4	110.68	0.00	0.70	319.00	207.62	0	0.000	0.00	
	22	20.6	24.9	20.6	110.67	0.00	0.63	319.00	207.71	0	0.000	0.00	
	23	20.6	24.9	20.6	110.67	0.00	0.63	319.00	207.71	0	0.000	0.00	
	24	19.8	24.9	19.8	110.67	0.00	0.55	319.00	207.78	0	0.000	0.00	
	25	19.8	24.9	19.8	110.67	0.00	0.55	319.00	207.78	0	0.000	0.00	
	26	19.8	24.9	19.8	110.67	0.00	0.55	319.00	207.78	0	0.000	0.00	
	27	19.8	24.9	19.8	110.67	0.00	0.55	319.00	207.78	0	0.000	0.00	
	28	19.0	23.7	19.0	110.66	0.00	0.48	319.00	207.85	0	0.000	0.00	
	29	18.0	22.5	19.0	110.65	0.00	0.63	319.00	207.86	0	0.000	0.00	
	30	16.5	22.5	16.5	110.65	0.00	0.30	319.00	208.05	0	0.000	0.00	
	31	14.9	20.9	14.9	110.63	0.00	0.21	319.00	208.16	0	0.000	0.00	0.00
Jun.	1	14.2	18.8	14.2	110.63	0.00	0.17	319.00	208.20	0	0.000	0.00	
	2	13.3	18.8	13.3	110.63	0.00	0.13	319.00	208.24	0	0.000	0.00	
	3	12.6	17.6	12.6	110.62	0.00	0.10	319.00	208.28	0	0.000	0.00	
	4	11.9	18.8	11.9	110.63	0.00	0.08	319.00	208.30	0	0.000	0.00	
	5	12.6	20.0	12.6	110.63	0.00	0.10	319.00	208.26	0	0.000	0.00	
	6	13.3	20.0	13.3	110.63	0.00	0.13	319.00	208.24	0	0.000	0.00	
	7	14.9	20.0	14.9	110.62	0.00	0.21	319.00	208.16	0	0.000	0.00	
	8	16.5	21.3	16.5	110.64	0.00	0.30	319.00	208.06	0	0.000	0.00	
	9	15.8	22.5	15.8	110.65	0.00	0.26	319.00	208.09	0	0.000	0.00	
	10	14.9	21.3	14.9	110.64	0.00	0.21	319.00	208.15	0	0.000	0.00	
	11	14.2	20.0	14.2	110.63	0.00	0.17	319.00	208.20	0	0.000	0.00	
	12	14.2	18.8	14.2	110.63	0.00	0.17	319.00	208.20	0	0.000	0.00	
	13	13.3	17.6	13.3	110.62	0.00	0.13	319.00	208.25	0	0.000	0.00	
	14	12.6	17.6	12.6	110.62	0.00	0.10	319.00	208.28	0	0.000	0.00	
	15	11.9	17.6	11.9	110.62	0.00	0.08	319.00	208.31	0	0.000	0.00	
	16	11.0	17.6	11.0	110.62	0.00	0.05	319.00	208.33	0	0.000	0.00	
	17	11.0	14.4	11.0	110.61	0.00	0.05	319.00	208.34	0	0.000	0.00	
	18	18.8	18.8	18.8	110.63	0.00	0.33	319.00	207.81	0	0.000	0.00	
	19	48.5	32.0	7.2	110.73	41.30	5.94	319.00	202.54	2	0.848	69.41	
	20	47.5	58.1	7.2	110.90	40.30	5.66	319.00	202.64	2	0.843	67.38	
	21	34.7	44.7	7.2	110.82	27.50	2.63	319.00	205.35	1	0.889	49.79	
	22	43.8	44.8	7.2	110.81	35.60	4.41	319.00	203.78	1	0.910	64.70	
	23	53.2	64.1	7.2	110.94	44.00	7.37	319.00	200.69	2	0.847	78.42	
	24	55.5	52.4	7.2	110.86	22.30	2.79	319.00	205.35	1	0.902	51.37	
	25	29.4	42.9	7.2	110.79	22.20	1.72	319.00	206.49	1	0.866	38.88	
	26	23.8	33.5	7.2	110.73	16.60	0.96	319.00	207.31	1	0.807	27.23	
	27	21.4	28.9	21.4	110.70	0.00	0.70	319.00	207.60	0	0.000	0.00	
	28	20.6	27.4	20.6	110.69	0.00	0.63	319.00	207.69	0	0.000	0.00	
	29	19.0	24.9	19.0	110.67	0.00	0.48	319.00	207.85	0	0.000	0.00	
	30	18.1	23.7	18.1	110.66	0.00	0.41	319.00	207.93	0	0.000	0.00	
													34.91

POWER GENERATION SIMULATION

Data Acb 8 — Rated Head : 179.30 m — Installed Capacity : 142.0 MW

Year : 1944 — F.S.L.= 319.00 m — Max. Plant Discharge : 90.00 cms

Date		Discharge Dam (cms)	Discharge P/H (cms)	RMF or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Effcncy	Output MW	Monthly Ave. MW
Jul.	1	17.6	23.7	17.4	130.66	0.0	0.36	319.00	207.94	0	0.000	0.00	
	2	15.8	21.3	15.9	130.64	0.0	0.26	319.00	208.10	0	0.000	0.00	
	3	17.4	23.5	17.4	130.65	0.0	0.36	319.00	207.99	0	0.000	0.00	
	4	25.6	23.5	30.6	130.65	0.0	0.43	319.00	207.72	0	0.000	0.00	
	5	23.0	27.4	7.3	130.89	15.8	0.87	319.00	207.44	1	0.797	25.60	
	6	42.8	41.4	7.3	130.79	33.6	4.41	319.00	202.80	1	0.910	64.71	
	7	54.1	68.5	7.2	130.97	44.9	7.66	319.00	200.37	2	0.870	90.13	
	8	41.9	58.1	7.2	130.90	34.7	4.19	319.00	205.91	1	0.911	63.18	
	9	37.0	38.3	7.2	130.76	19.8	1.37	319.00	206.87	1	0.844	33.86	
	10	27.0	23.5	7.2	130.73	19.8	1.37	319.00	206.91	1	0.844	33.87	
	11	31.2	30.5	7.2	130.71	24.0	2.01	319.00	206.29	1	0.879	42.66	
	12	27.8	23.0	7.2	130.72	20.6	1.48	319.00	206.80	1	0.851	33.35	
	13	25.4	30.5	7.2	130.71	18.2	1.15	319.00	207.14	1	0.826	30.33	
	14	24.5	25.9	7.2	130.70	17.3	1.04	319.00	207.26	1	0.816	28.87	
	15	22.3	27.4	22.3	130.69	0.0	0.79	319.00	207.53	0	0.000	0.00	
	16	21.4	26.1	21.4	130.68	0.0	0.70	319.00	207.62	0	0.000	0.00	
	17	20.6	24.9	20.6	130.67	0.0	0.63	319.00	207.71	0	0.000	0.00	
	18	19.8	23.7	19.8	130.66	0.0	0.55	319.00	207.79	0	0.000	0.00	
	19	19.0	23.7	19.0	130.66	0.0	0.48	319.00	207.85	0	0.000	0.00	
	20	19.8	22.5	19.0	130.65	0.0	0.48	319.00	207.86	0	0.000	0.00	
	21	18.1	22.5	18.1	130.65	0.0	0.41	319.00	207.93	0	0.000	0.00	
	22	18.1	22.5	18.1	130.65	0.0	0.41	319.00	207.93	0	0.000	0.00	
	23	17.4	22.5	17.4	130.65	0.0	0.36	319.00	207.99	0	0.000	0.00	
	24	16.5	21.3	16.5	130.64	0.0	0.30	319.00	208.06	0	0.000	0.00	
	25	15.8	21.3	15.8	130.64	0.0	0.26	319.00	208.10	0	0.000	0.00	
	26	14.9	20.0	14.9	130.63	0.0	0.21	319.00	208.16	0	0.000	0.00	
	27	14.2	14.8	14.2	130.63	0.0	0.17	319.00	208.20	0	0.000	0.00	
	28	13.5	18.8	13.5	130.63	0.0	0.13	319.00	208.24	0	0.000	0.00	
	29	13.6	17.6	13.6	130.62	0.0	0.10	319.00	208.26	0	0.000	0.00	
	30	11.9	17.6	11.9	130.62	0.0	0.08	319.00	208.31	0	0.000	0.00	
	31	11.9	17.6	11.9	130.62	0.0	0.08	319.00	208.31	0	0.000	0.00	14.15
Aug.	1	11.9	17.6	11.9	130.62	0.0	0.08	319.00	208.31	0	0.000	0.00	
	2	11.8	17.6	11.0	130.63	0.0	0.05	319.00	208.33	0	0.000	0.00	
	3	11.0	17.6	11.0	130.62	0.0	0.05	319.00	208.33	0	0.000	0.00	
	4	10.2	17.6	10.2	130.62	0.0	0.03	319.00	208.35	0	0.000	0.00	
	5	10.2	17.6	10.2	130.62	0.0	0.03	319.00	208.35	0	0.000	0.00	
	6	10.2	16.4	10.2	130.61	0.0	0.03	319.00	208.36	0	0.000	0.00	
	7	11.0	16.4	11.0	130.61	0.0	0.05	319.00	208.34	0	0.000	0.00	
	8	11.9	18.8	11.9	130.63	0.0	0.08	319.00	208.30	0	0.000	0.00	
	9	18.1	21.3	18.1	130.66	0.0	0.41	319.00	207.94	0	0.000	0.00	
	10	19.8	22.5	19.8	130.65	0.0	0.55	319.00	207.80	0	0.000	0.00	
	11	13.3	20.0	13.3	130.63	0.0	0.13	319.00	208.24	0	0.000	0.00	
	12	13.3	18.8	13.3	130.63	0.0	0.13	319.00	208.24	0	0.000	0.00	
	13	13.3	18.8	13.3	130.63	0.0	0.13	319.00	208.24	0	0.000	0.00	
	14	13.6	17.6	13.6	130.62	0.0	0.13	319.00	208.28	0	0.000	0.00	
	15	13.6	17.6	13.6	130.62	0.0	0.10	319.00	208.28	0	0.000	0.00	
	16	11.9	17.6	11.9	130.62	0.0	0.08	319.00	208.31	0	0.000	0.00	
	17	11.9	17.6	11.9	130.62	0.0	0.08	319.00	208.31	0	0.000	0.00	
	18	13.3	17.6	13.3	130.62	0.0	0.13	319.00	208.25	0	0.000	0.00	
	19	13.3	17.6	13.3	130.62	0.0	0.13	319.00	208.25	0	0.000	0.00	
	20	13.3	17.6	13.3	130.63	0.0	0.13	319.00	208.25	0	0.000	0.00	
	21	13.3	17.6	13.3	130.62	0.0	0.13	319.00	208.25	0	0.000	0.00	
	22	13.3	17.6	13.3	130.63	0.0	0.13	319.00	208.25	0	0.000	0.00	
	23	13.3	17.6	13.3	130.62	0.0	0.13	319.00	208.25	0	0.000	0.00	
	24	12.6	17.6	12.6	130.62	0.0	0.10	319.00	208.28	0	0.000	0.00	
	25	12.6	17.6	12.6	130.62	0.0	0.10	319.00	208.28	0	0.000	0.00	
	26	11.9	16.4	11.9	130.61	0.0	0.08	319.00	208.31	0	0.000	0.00	
	27	11.9	16.4	11.9	130.61	0.0	0.08	319.00	208.31	0	0.000	0.00	
	28	11.0	16.4	11.0	130.61	0.0	0.05	319.00	208.34	0	0.000	0.00	
	29	21.4	30.5	21.4	130.73	0.0	0.70	319.00	207.59	0	0.000	0.00	
	30	44.6	125.2	7.2	131.34	29.4	3.41	319.00	202.33	1	0.900	70.30	
	31	89.5	152.6	9.5	131.69	90.0	25.21	319.00	179.11	2	0.896	141.91	6.85
Sep.	1	98.6	152.6	8.6	131.69	90.0	28.21	319.01	179.11	2	0.898	141.90	
	2	63.5	130.7	7.2	131.39	56.3	11.04	319.00	196.35	2	0.896	97.19	
	3	41.9	61.7	7.2	131.04	34.7	4.19	319.00	203.75	1	0.911	63.13	
	4	32.9	58.1	7.2	130.90	25.7	2.30	319.00	205.80	1	0.900	46.12	
	5	27.8	30.5	7.2	130.85	20.6	1.65	319.00	206.68	1	0.851	35.52	
	6	24.5	42.0	7.2	130.79	17.3	1.04	319.00	207.16	1	0.816	28.66	
	7	27.8	44.7	7.2	130.82	20.6	1.48	319.00	206.70	1	0.851	35.53	
	8	40.0	56.2	7.2	130.89	32.8	3.75	319.00	204.37	1	0.911	59.87	
	9	44.6	64.3	7.2	130.94	39.4	5.41	319.00	202.64	1	0.900	70.41	
	10	30.3	54.3	7.2	130.87	23.1	1.86	319.00	206.27	1	0.873	40.75	
	11	25.4	42.9	7.2	130.79	18.2	1.15	319.00	207.05	1	0.826	30.52	
	12	23.0	34.3	7.2	130.76	15.8	0.87	319.00	207.37	1	0.797	25.59	
	13	20.6	23.5	20.6	130.73	0.0	0.63	319.00	207.63	0	0.000	0.00	
	14	18.8	30.5	18.8	130.71	0.0	0.55	319.00	207.74	0	0.000	0.00	
	15	18.8	28.9	18.8	130.70	0.0	0.55	319.00	207.75	0	0.000	0.00	
	16	18.0	27.4	18.0	130.69	0.0	0.48	319.00	207.83	0	0.000	0.00	
	17	18.0	27.4	18.0	130.69	0.0	0.48	319.00	207.83	0	0.000	0.00	
	18	18.1	26.1	18.1	130.68	0.0	0.41	319.00	207.91	0	0.000	0.00	
	19	17.4	24.9	17.4	130.67	0.0	0.36	319.00	207.97	0	0.000	0.00	
	20	16.5	24.9	16.5	130.67	0.0	0.30	319.00	208.03	0	0.000	0.00	
	21	16.5	23.7	16.5	130.66	0.0	0.30	319.00	208.04	0	0.000	0.00	
	22	16.5	23.7	16.5	130.66	0.0	0.30	319.00	208.04	0	0.000	0.00	
	23	15.8	22.5	15.8	130.65	0.0	0.26	319.00	208.09	0	0.000	0.00	
	24	14.9	22.5	14.9	130.65	0.0	0.21	319.00	208.14	0	0.000	0.00	
	25	14.9	22.5	14.9	130.65	0.0	0.21	319.00	208.14	0	0.000	0.00	
	26	14.9	22.5	14.9	130.65	0.0	0.21	319.00	208.14	0	0.000	0.00	
	27	14.9	22.5	14.9	130.65	0.0	0.21	319.00	208.14	0	0.000	0.00	
	28	14.9	23.7	14.9	130.66	0.0	0.21	319.00	208.15	0	0.000	0.00	
	29	18.1	24.9	18.1	130.67	0.0	0.41	319.00	207.92	0	0.000	0.00	
	30	16.5	23.7	16.5	130.66	0.0	0.30	319.00	208.04	0	0.000	0.00	
													22.51

Date		Discharge Dam (cms)	Discharge P/H (cms)	RMF or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Effcncy	Output MW	Monthly Ave. MW
Oct.	1	16.5	21.3	7.2	130.64	9.30	0.30	319.00	208.06	0	0.000	0.00	
	2	15.8	20.0	7.2	130.63	8.60	0.26	319.00	208.11	0	0.000	0.00	
	3	14.9	18.8	7.2	130.62	7.70	0.21	319.00	208.17	0	0.000	0.00	
	4	15.8	18.8	7.2	130.62	8.60	0.26	319.00	208.13	0	0.000	0.00	
	5	24.5	30.0	7.2	130.63	17.30	1.04	319.00	207.32	1	0.816	28.68	
	6	23.2	33.5	7.2	130.73	15.00	0.78	319.00	207.49	0	0.000	0.00	
	7	17.4	30.5	7.2	130.71	10.20	0.56	319.00	207.89	0	0.000	0.00	
	8	15.8	28.9	7.2	130.70	8.60	0.36	319.00	208.05	0	0.000	0.00	
	9	24.5	27.4	7.2	130.69	17.30	1.04	319.00	207.27	1	0.816	28.67	
	10	24.7	32.5	7.2	130.71	27.30	2.53	319.00	205.66	1	0.899	49.82	
	11	27.8	34.7	7.2	130.73	20.60	1.48	319.00	206.77	1	0.851	35.54	
	12	23.0	23.5	7.2	130.73	15.80	0.87	319.00	207.40	1	0.797	25.60	
	13	28.6	33.3	7.2	130.73	21.40	1.59	319.00	206.68	1	0.859	37.22	
	14	82.4	96.2	7.2	130.96	74.20	18.48	319.00	188.34	2	0.911	126.80	
	15	54.6	83.9	7.2	131.07	46.80	8.20	319.00	199.43	2	0.876	83.48	
	16	40.0	68.5	7.2	130.97	32.80	3.75	319.00	204.28	1	0.911	59.85	
	17	53.7	84.3	7.2	130.89	24.90	3.45	319.00	203.47	1	0.894	47.75	
	18	30.1	54.5	7.2	130.87	30.90	3.33	319.00	204.80	1	0.940	54.99	
	19	28.6	30.5	7.2	130.85	21.40	1.59	319.00	206.56	1	0.859	37.20	
	20	24.5	42.9	7.2	130.79	17.30	1.04	319.00	207.16	1	0.816	28.66	
	21	23.8	34.2	7.2	130.76	16.60	0.96	319.00	207.28	1	0.807	27.23	
	22	21.4	53.5	7.2	130.73	14.20	0.70	319.00	207.53	0	0.000	0.00	
	23	19.0	30.5	7.2	130.71	11.80	0.48	319.00	207.81	0	0.000	0.00	
	24	16.5	27.4	7.2	130.69	9.30	0.30	319.00	208.01	0	0.000	0.00	
	25	25.4	34.9	7.2	130.67	18.20	1.15	319.00	207.18	1	0.827	30.51	
	26	51.3	61.4	7.2	130.78	44.10	6.77	319.00	201.44	2	0.845	74.93	
	27	30.3	54.3	7.2	130.87	23.10	1.86	319.00	206.27	1	0.873	40.75	
	28	23.0	44.8	7.2	130.81	15.80	0.87	319.00	207.32	1	0.797	25.56	
	29	25.4	39.7	7.2	130.77	18.20	1.15	319.00	207.07	1	0.826	30.52	
	30	21.4	38.3	7.2	130.76	14.20	0.70	319.00	207.54	0	0.000	0.00	
	31	19.0	73.0	7.2	130.72	11.80	0.48	319.00	207.80	0	0.000	0.00	29.33
Nov.	1	16.5	36.1	7.2	130.68	9.30	0.30	319.00	208.02	0	0.000	0.00	
	2	14.9	23.7	7.2	130.66	7.70	0.21	319.00	208.13	0	0.000	0.00	
	3	22.2	36.1	7.2	130.68	15.00	0.78	319.00	207.34	0	0.000	0.00	
	4	24.5	35.1	7.2	130.74	17.30	1.04	319.00	207.22	1	0.816	28.67	
	5	33.4	35.1	7.2	130.74	18.20	1.15	319.00	207.11	1	0.826	30.53	
	6	27.8	35.1	7.2	130.74	18.80	1.37	319.00	206.89	1	0.844	33.87	
	7	57.8	44.8	7.2	130.81	50.60	8.02	319.00	199.23	2	0.882	87.19	
	8	132.8	88.7	22.8	131.17	90.00	28.21	319.00	179.70	2	0.888	142.06	
	9	180.7	244.3	90.7	133.02	90.00	28.25	319.32	179.09	2	0.898	141.99	
	10	122.3	180.5	32.3	131.71	90.00	28.21	319.12	179.21	2	0.898	141.97	
	11	73.0	125.2	7.2	131.34	65.80	13.68	319.00	192.98	2	0.908	132.82	
	12	51.3	93.8	7.2	131.14	44.10	6.77	319.00	201.89	2	0.839	74.47	
	13	45.7	70.7	7.2	130.99	38.50	5.16	319.00	202.85	1	0.900	68.13	
	14	54.1	72.9	7.2	131.00	44.90	7.66	319.00	200.34	2	0.870	90.12	
	15	54.9	88.5	7.2	131.11	48.70	8.60	319.00	199.20	2	0.879	93.25	
	16	49.4	83.9	7.2	131.07	42.20	6.29	319.00	201.72	2	0.851	71.01	
	17	36.1	64.1	7.2	130.94	30.90	3.33	319.00	204.73	1	0.908	56.37	
	18	33.0	30.5	7.2	130.85	24.80	2.14	319.00	206.01	1	0.894	44.38	
	19	27.0	42.9	7.2	130.79	18.80	1.37	319.00	206.84	1	0.844	33.86	
	20	25.4	39.7	7.2	130.77	18.20	1.15	319.00	207.07	1	0.826	30.52	
	21	24.5	35.1	7.2	130.74	17.30	1.04	319.00	207.22	1	0.816	28.67	
	22	23.0	33.5	7.2	130.73	15.80	0.87	319.00	207.40	1	0.797	25.60	
	23	21.4	32.0	7.2	130.72	14.20	0.70	319.00	207.58	0	0.000	0.00	
	24	18.8	28.9	7.2	130.70	12.40	0.55	319.00	207.75	0	0.000	0.00	
	25	23.8	35.1	7.2	130.74	16.40	0.96	319.00	207.30	1	0.807	27.25	
	26	46.5	86.3	7.2	131.09	41.30	5.91	319.00	201.97	2	0.847	69.25	
	27	94.8	268.7	7.2	131.84	87.40	25.73	319.00	180.43	2	0.902	139.64	
	28	84.3	164.9	7.2	131.59	77.10	20.70	319.00	186.71	2	0.811	138.45	
	29	54.1	108.2	7.2	131.22	44.90	7.66	319.00	203.13	2	0.870	90.01	
	30	36.1	63.9	7.2	131.07	30.90	3.33	319.00	204.60	1	0.908	56.33	
													80.95
Dec.	1	30.3	66.3	7.2	130.86	23.10	1.86	319.00	206.19	1	0.873	40.75	
	2	27.8	52.4	7.2	130.86	20.60	1.48	319.00	206.66	1	0.851	35.52	
	3	25.6	42.9	7.2	130.79	21.40	1.59	319.00	206.61	1	0.859	37.21	
	4	31.2	44.7	7.2	130.82	24.00	2.01	319.00	206.17	1	0.879	42.63	
	5	29.4	54.3	7.2	130.87	22.20	1.72	319.00	206.41	1	0.865	38.87	
	6	27.0	50.1	7.2	130.85	19.80	1.37	319.00	206.79	1	0.843	33.84	
	7	23.4	44.7	7.2	130.82	18.20	1.15	319.00	207.03	1	0.826	30.51	
	8	23.8	41.4	7.2	130.78	16.60	0.96	319.00	207.26	1	0.807	27.22	
	9	22.3	34.7	7.2	130.75	15.00	0.78	319.00	207.47	0	0.000	0.00	
	10	20.6	32.5	7.2	130.73	13.40	0.63	319.00	207.65	0	0.000	0.00	
	11	18.0	30.5	7.2	130.71	11.80	0.48	319.00	207.81	0	0.000	0.00	
	12	17.4	27.4	7.2	130.69	10.20	0.36	319.00	207.95	0	0.000	0.00	
	13	15.8	24.9	7.2	130.67	8.60	0.26	319.00	208.07	0	0.000	0.00	
	14	14.2	22.5	7.2	130.65	7.00	0.17	319.00	208.18	0	0.000	0.00	
	15	13.6	20.0	7.2	130.63	5.40	0.10	319.00	208.26	0	0.000	0.00	
	16	11.9	18.8	7.2	130.63	4.70	0.05	319.00	208.30	0	0.000	0.00	
	17	10.2	17.6	7.2	130.62	3.00	0.03	319.00	208.33	0	0.000	0.00	
	18	9.5	16.8	7.2	130.63	2.30	0.02	319.00	208.34	0	0.000	0.00	
	19	9.5	16.8	7.2	130.63	2.30	0.02	319.00	208.34	0	0.000	0.00	
	20	9.3	17.6	7.2	130.63	2.30	0.02	319.00	208.34	0	0.000	0.00	
	21	8.8	16.4	7.2	130.61	1.60	0.01	319.00	208.38	0	0.000	0.00	
	22	7.9	15.2	7.2	130.60	0.70	0.00	319.00	208.40	0	0.000	0.00	
	23	8.8	15.2	7.2	130.60	1.60	0.01	319.00	208.39	0	0.000	0.00	
	24	11.9	18.8	7.2	130.63	4.70	0.06	319.00	208.30	0	0.000	0.00	
	25	11.0	20.0	7.2	130.63	3.80	0.05	319.00	208.32	0	0.000	0.00	
	26	10.2	24.9	7.2	130.67	3.00	0.03	319.00	208.30	0	0.000	0.00	
	27	8.8	22.5	7.2	130.65	1.60	0.01	319.00	208.34	0	0.000	0.00	
	28	8.8	22.5	7.2	130.65	1.60	0.01	319.00	208.34	0	0.000	0.00	
	29	11.0	20.0	7.2	130.63	3.80	0.05	319.00	208.32	0	0.000	0.00	
	30	11.9	17.6	7.2	130.62	4.70	0.06	319.00	208.31	0	0.000	0.00	
	31	11.9	17.6	7.2	130.62	4.70	0.08	319.00	208.31	0	0.000	0.00	9.24

POWER GENERATION SIMULATION

Year : 1945 | Dam Axis B | F.S.L. = 319.00 m | Rated Head : 179.30 m | Min. Plant Discharge : 90.00 cms | Installed Capacity : 162.0 MW

Date		Discharge Dam (cms)	Discharge PH (cms)	RMP or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Resv level	Effect. Head h	Unit no's	Efficie ncy	Output MW	Monthly Ave. MW
Jan.	1	10.2	18.8	10.2	130.63	0.0	0.03	319.00	208.34	0	0.000	0.00	
	2	11.0	17.6	11.0	130.63	0.0	0.03	319.00	208.33	0	0.000	0.00	
	3	10.2	14.4	10.2	130.61	0.0	0.02	319.00	208.36	0	0.000	0.00	
	4	10.2	13.2	10.2	130.60	0.0	0.03	319.00	208.37	0	0.000	0.00	
	5	9.5	14.3	9.5	130.59	0.0	0.02	319.00	208.39	0	0.000	0.00	
	6	8.8	13.4	8.8	130.59	0.0	0.01	319.00	208.40	0	0.000	0.00	
	7	8.8	13.4	8.8	130.59	0.0	0.01	319.00	208.40	0	0.000	0.00	
	8	8.8	13.6	8.8	130.58	0.0	0.01	319.00	208.41	0	0.000	0.00	
	9	7.9	12.6	7.9	130.58	0.0	0.00	319.00	208.42	0	0.000	0.00	
	10	7.2	11.7	7.2	130.58	0.0	0.00	319.00	208.42	0	0.000	0.00	
	11	6.4	10.9	6.4	130.57	0.0	0.00	319.00	208.43	0	0.000	0.00	
	12	5.7	10.1	5.7	130.56	0.0	0.00	319.00	208.44	0	0.000	0.00	
	13	5.7	10.1	5.7	130.56	0.0	0.00	319.00	208.44	0	0.000	0.00	
	14	5.4	9.8	5.4	130.56	0.0	0.00	319.00	208.44	0	0.000	0.00	
	15	5.2	8.6	5.2	130.55	0.0	0.00	319.00	208.45	0	0.000	0.00	
	16	5.0	7.5	5.0	130.55	0.0	0.00	319.00	208.45	0	0.000	0.00	
	17	5.0	7.5	5.0	130.55	0.0	0.00	319.00	208.45	0	0.000	0.00	
	18	4.8	7.5	4.8	130.55	0.0	0.00	319.00	208.45	0	0.000	0.00	
	19	4.8	7.5	4.8	130.55	0.0	0.00	319.00	208.45	0	0.000	0.00	
	20	5.4	8.6	5.4	130.55	0.0	0.00	319.00	208.45	0	0.000	0.00	
	21	7.9	13.6	7.9	130.58	0.0	0.00	319.00	208.42	0	0.000	0.00	
	22	10.2	17.6	10.2	130.62	0.0	0.03	319.00	208.33	0	0.000	0.00	
	23	8.8	20.0	8.8	130.63	0.0	0.01	319.00	208.36	0	0.000	0.00	
	24	7.2	17.6	7.2	130.62	0.0	0.00	319.00	208.38	0	0.000	0.00	
	25	6.4	13.2	6.4	130.60	0.0	0.00	319.00	208.40	0	0.000	0.00	
	26	5.7	13.4	5.7	130.59	0.0	0.00	319.00	208.41	0	0.000	0.00	
	27	5.7	13.6	5.7	130.59	0.0	0.00	319.00	208.41	0	0.000	0.00	
	28	14.2	16.4	14.2	130.61	0.0	0.17	319.00	208.22	0	0.000	0.00	
	29	18.1	25.0	18.1	130.63	0.0	0.41	319.00	207.85	0	0.000	0.00	
	30	19.8	23.7	19.8	130.66	0.0	0.55	319.00	207.79	0	0.000	0.00	
	31	20.5	29.7	7.2	130.77	23.1	1.86	319.00	206.37	1	0.873	48.77	1.52
Feb.	1	28.8	64.1	7.2	130.94	51.6	9.27	319.00	194.79	2	0.885	88.97	
	2	48.4	81.7	7.2	131.66	42.2	6.20	319.00	201.74	2	0.951	71.02	
	3	28.6	61.9	7.2	130.93	21.4	1.59	319.00	206.48	1	0.859	37.18	
	4	19.8	39.7	19.0	130.77	0.0	0.55	319.00	207.68	0	0.000	0.00	
	5	14.9	30.5	14.9	130.71	0.0	0.31	319.00	208.09	0	0.000	0.00	
	6	11.9	30.5	11.9	130.71	0.0	0.08	319.00	208.22	0	0.000	0.00	
	7	11.0	43.9	11.0	130.79	0.0	0.25	319.00	208.16	0	0.000	0.00	
	8	44.7	80.0	7.2	130.91	37.5	4.80	319.00	203.19	1	0.906	67.67	
	9	63.5	86.3	7.2	131.89	56.3	11.04	319.00	196.87	2	0.896	97.36	
	10	41.0	75.1	7.2	131.01	33.8	3.98	319.00	204.81	1	0.912	61.40	
	11	27.0	54.3	7.2	130.87	19.8	1.37	319.00	206.76	1	0.843	33.84	
	12	22.2	43.9	22.2	130.79	0.0	0.78	319.00	207.42	0	0.000	0.00	
	13	16.5	33.5	16.5	130.73	0.0	0.50	319.00	207.97	0	0.000	0.00	
	14	14.2	27.4	14.2	130.69	0.0	0.17	319.00	208.14	0	0.000	0.00	
	15	11.9	22.5	11.9	130.65	0.0	0.08	319.00	208.27	0	0.000	0.00	
	16	11.0	22.0	11.0	130.72	0.0	0.05	319.00	208.33	0	0.000	0.00	
	17	9.5	44.6	9.5	130.85	0.0	0.02	319.00	208.15	0	0.000	0.00	
	18	125.2	200.5	35.2	131.79	90.0	28.21	319.14	179.13	2	0.898	141.93	
	19	249.4	380.1	159.4	132.59	90.0	28.21	319.30	178.70	2	0.899	141.64	
	20	230.6	507.0	140.6	132.94	90.0	28.21	319.45	178.30	2	0.899	141.39	
	21	185.7	370.3	65.7	132.15	90.0	28.21	319.34	179.09	2	0.898	141.76	
	22	99.5	199.1	9.5	131.55	90.0	28.21	319.02	179.25	2	0.898	141.97	
	23	44.3	122.5	7.2	131.33	61.1	13.00	319.00	194.67	2	0.904	103.42	
	24	54.0	105.7	7.2	131.21	46.8	8.29	319.00	195.90	2	0.876	83.61	
	25	30.4	98.7	7.2	131.17	23.2	6.50	319.00	201.33	2	0.855	72.92	
	26	71.1	144.9	7.2	131.59	63.9	14.22	319.00	193.19	2	0.908	108.80	
	27	94.7	158.3	7.2	131.54	89.5	27.95	319.00	179.37	2	0.899	141.56	
	28	78.7	139.1	7.2	131.43	71.5	17.80	319.00	189.76	2	0.912	121.21	
													64.39
Mar.	1	66.4	114.2	7.2	131.27	59.2	12.21	319.00	195.52	2	0.902	102.26	
	2	51.3	86.3	7.2	131.09	44.1	4.77	319.00	201.34	2	0.859	74.70	
	3	44.6	75.1	7.2	131.01	39.4	5.41	319.00	202.58	1	0.900	70.39	
	4	38.1	72.9	7.2	131.00	30.9	3.33	319.00	204.67	1	0.902	54.35	
	5	32.9	66.3	7.2	130.96	25.7	2.30	319.00	205.74	1	0.890	46.11	
	6	28.6	52.4	7.2	130.86	21.4	1.59	319.00	206.55	1	0.859	37.39	
	7	27.0	44.7	7.2	130.82	19.8	1.37	319.00	206.81	1	0.843	33.85	
	8	26.1	44.7	7.2	130.82	18.9	1.24	319.00	206.94	1	0.834	31.97	
	9	28.4	42.9	7.2	130.79	22.2	1.72	319.00	206.49	1	0.866	38.98	
	10	25.4	42.9	7.2	130.79	18.2	1.15	319.00	207.05	1	0.826	30.52	
	11	23.0	38.2	7.2	130.76	15.8	0.87	319.00	207.37	1	0.797	25.59	
	12	20.6	33.1	20.6	130.74	0.0	0.63	319.00	207.63	0	0.000	0.00	
	13	18.1	32.0	18.1	130.72	0.0	0.41	319.00	207.87	0	0.000	0.00	
	14	15.8	28.9	15.8	130.70	0.0	0.26	319.00	208.05	0	0.000	0.00	
	15	27.0	54.3	7.2	130.87	19.8	1.37	319.00	206.76	1	0.843	33.84	
	16	34.4	54.3	7.2	130.87	28.2	2.97	319.00	205.18	1	0.905	53.13	
	17	28.6	44.6	7.2	130.83	21.4	1.59	319.00	206.57	1	0.859	37.20	
	18	22.2	42.9	22.2	130.79	0.0	0.78	319.00	207.42	0	0.000	0.00	
	19	19.0	33.1	19.0	130.74	0.0	0.44	319.00	207.78	0	0.000	0.00	
	20	16.5	32.0	16.5	130.72	0.0	0.30	319.00	207.96	0	0.000	0.00	
	21	14.5	25.9	14.5	130.70	0.0	0.20	319.00	208.00	0	0.000	0.00	
	22	14.5	27.4	14.5	130.69	0.0	0.20	319.00	208.01	0	0.000	0.00	
	23	15.8	24.9	15.8	130.67	0.0	0.26	319.00	208.07	0	0.000	0.00	
	24	15.8	24.9	15.8	130.67	0.0	0.26	319.00	208.07	0	0.000	0.00	
	25	23.8	24.1	7.2	130.68	16.6	0.96	319.00	207.34	1	0.807	27.34	
	26	43.7	33.1	7.2	130.74	34.5	5.16	319.00	205.10	1	0.903	59.20	
	27	39.4	44.3	7.2	130.97	43.2	6.50	319.00	203.51	2	0.836	73.01	
	28	34.7	58.1	7.2	130.90	27.5	2.63	319.00	205.47	1	0.899	49.77	
	29	29.4	42.9	7.2	130.79	22.2	1.72	319.00	206.49	1	0.866	38.98	
	30	22.2	33.5	22.2	130.73	0.0	0.78	319.00	207.49	0	0.000	0.00	
	31	20.6	30.5	20.6	130.71	0.0	0.63	319.00	207.67	0	0.000	0.00	30.00

Date		Discharge Dam (cms)	Discharge PH (cms)	RMP or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Resv level	Effect. Head h	Unit no's	Efficie ncy	Output MW	Monthly Ave. MW
Apr.	1	18.0	28.9	18.0	130.70	0.00	0.41	319.00	207.83	0	0.000	0.00	
	2	18.1	24.9	18.1	130.67	0.00	0.41	319.00	207.85	0	0.000	0.00	
	3	16.5	22.5	16.5	130.65	0.00	0.30	319.00	208.05	0	0.000	0.00	
	4	14.9	21.3	14.9	130.64	0.00	0.21	319.00	208.15	0	0.000	0.00	
	5	14.2	21.5	14.2	130.64	0.00	0.17	319.00	208.19	0	0.000	0.00	
	6	13.3	21.3	13.3	130.64	0.00	0.13	319.00	208.23	0	0.000	0.00	
	7	12.6	20.0	12.6	130.63	0.00	0.10	319.00	208.26	0	0.000	0.00	
	8	11.9	20.0	11.9	130.63	0.00	0.08	319.00	208.29	0	0.000	0.00	
	9	11.0	18.8	11.0	130.63	0.00	0.05	319.00	208.32	0	0.000	0.00	
	10	14.9	30.5	14.9	130.71	0.00	0.21	319.00	208.09	0	0.000	0.00	
	11	30.4	52.4	7.2	130.86	43.20	6.50	319.00	201.64	2	0.856	73.05	
	12	125.2	108.6	35.2	131.24	90.00	28.21	319.14	179.89	2	0.900	141.00	
	13	56.1	128.0	7.2	131.36	64.80	7.66	319.00	199.56	2	0.870	79.94	
	14	41.0	70.7	7.2	130.99	33.80	3.98	319.00	204.04	1	0.913	61.61	
	15	53.0	48.6	7.2	130.83	34.80	2.14	319.00	205.03	1	0.884	44.29	
	16	21.4	56.7	21.4	130.75	0.00	0.70	319.00	207.55	0	0.000	0.00	
	17	18.1	30.5	18.1	130.71	0.00	0.41	319.00	207.85	0	0.000	0.00	
	18	14.2	27.4	14.2	130.69	0.00	0.17	319.00	208.14	0	0.000	0.00	
	19	11.9	22.5	11.9	130.65	0.00	0.08	319.00	208.27	0	0.000	0.00	
	20	12.6	21.3	12.6	130.64	0.00	0.10	319.00	208.26	0	0.000	0.00	
	21	15.8	23.7	15.8	130.66	0.00	0.26	319.00	208.08	0	0.000	0.00	
	22	21.4	26.1	21.4	130.68	0.00	0.70	319.00	207.62	0	0.000	0.00	
	23	17.4	24.9	17.4	130.67	0.00	0.56	319.00	207.97	0	0.000	0.00	
	24	16.5	23.7	16.5	130.66	0.00	0.50	319.00	208.04	0	0.000	0.00	
	25	14.9	20.8	14.9	130.63	0.00	0.21	319.00	208.16	0	0.000	0.00	
	26	14.9	18.9	14.9	130.63	0.00	0.21	319.00	208.17	0	0.000	0.00	
	27	14.2	17.6	14.2	130.62	0.00	0.17	319.00	208.21	0	0.000	0.00	
	28	14.2	17.6	14.2	130.62	0.00	0.17	319.00	208.21	0	0.000	0.00	
	29	15.8	17.6	15.8	130.62	0.00	0.26	319.00	208.13	0	0.000	0.00	
	30	20.6	20.0	20.6	130.63	0.00	0.63	319.00	207.74	0	0.000	0.00	
													13.36
May	1	21.4	23.7	21.4	130.66	0.00	0.70	319.00	207.84	0	0.000	0.00	
	2	16.5	24.9	16.5	130.67	0.00	0.50	319.00	208.03	0	0.000	0.00	
	3	13.3	23.7	13.3	130.66	0.00	0.13	319.00	208.21	0	0.000	0.00	
	4	11.9	20.0	11.9	130.63	0.00	0.08	319.00	208.29	0	0.000	0.00	
	5	11.0	17.6	11.0	130.62	0.00	0.05	319.00	208.33	0	0.000	0.00	
	6	11.0	17.6	11.0	130.62	0.00	0.05	319.00	208.33	0	0.000	0.00	
	7	11.0	14.4	11.0	130.61	0.00	0.05	319.00	208.34	0	0.000	0.00	
	8	10.2	15.2	10.2	130.60	0.00	0.03	319.00	208.37	0	0.000	0.00	
	9	8.8	15.2	8.8	130.60	0.00	0.01	319.00	208.39	0	0.000	0.00	
	10	8.8	15.2	8.8	130.60	0.00	0.01	319.00	208.39	0	0.000	0.00	
	11	8.8	17.6	8.8	130.62	0.00	0.01	319.00	208.37	0	0.000	0.00	
	12	11.0	16.4	11.0	130.61	0.00	0.05	319.00	208.34	0	0.000	0.00	
	13	10.2	15.2	10.2	130.60	0.00	0.03	319.00	208.37	0	0.000	0.00	
	14	9.5	17.6	9.5	130.62	0.00	0.02	319.00	208.36	0	0.000	0.00	
	15	8.8	17.6	8.8	130.62	0.00	0.01	319.00	208.37	0	0.000	0.00	
	16	7.2	16.4	7.2	130.61	0.00	0.00	319.00	208.39	0	0.000	0.00	
	17	7.2	15.2	7.2	130.60	0.00	0.00	319.00	208.40	0	0.000	0.00	
	18	9.5	20.0	9.5	130.63	0.00	0.02	319.00	208.35	0	0.000	0.00	
	19	15.8	27.4	15.8	130.69	0.00	0.26	319.00	208.06	0	0.000	0.00	
	20	16.5	24.9	16.5	130.67	0.00	0.30	319.00	208.03	0	0.000	0.00	
	21	14.9	22.5	14.9	130.65	0.00	0.21	319.00	208.14	0	0.000	0.00	
	22	11.0	20.0	11.0	130.63	0.00	0.05	319.00	208.33	0	0.000	0.00	
	23	8.8	17.6	8.8	130.62	0.00	0.01	319.00	208.37	0	0.000	0.00	
	24	8.8	17.6	8.8	130.62	0.00	0.01	319.00	208.37	0	0.000	0.00	
	25	7.9	16.4	7.9	130.61	0.00	0.00	319.00	208.39	0	0.000	0.00	
	26	7.2	15.2	7.2	130.60	0.00	0.00	319.00	208.40	0	0.000	0.00	
	27	7.2	15.2	7.2	130.60	0.00	0.00	319.00	208.40	0	0.000	0.00	
	28	9.5	15.2	9.5	130.60	0.00	0.02	319.00	208.38	0	0.000	0.00	
	29	8.8	15.2	8.8	130.60	0.00	0.01	319.00	208.39	0	0.000	0.00	
	30	6.4	15.2	6.4	130.60	0.00	0.00	319.00	208.40	0	0.000	0.00	
	31	6.4	15.2	6.4	130.60	0.00	0.00	319.00	208.40	0	0.000	0.00	0.00
Jun.	1	6.4	14.3	6.4	130.59	0.00	0.00	319.00	208.41	0	0.000	0.00	
	2	6.4	13.4	6.4	130.59	0.00	0.00	319.00	208.41	0	0.000	0.00	
	3	5.7	12.6	5.7	130.58	0.00	0.00	319.00	208.42	0	0.000	0.00	
	4	7.2	13.4	7.2	130.59	0.00	0.00	319.00	208.41	0	0.000	0.00	
	5	27.0	22.5	7.2	130.65	19.80	1.37	319.00	206.98	1	0.844	33.08	
	6	35.5	34.2	7.2	130.76	28.30	2.79	319.00	205.65	1	0.902	51.40	
	7	27.0	41.4	7.2	130.78	19.80	1.37	319.00	206.83	1	0.844	33.86	
	8	18.1	33.0	18.1	130.72	0.00	0.41	319.00	207.87	0	0.000	0.00	
	9	14.2	24.9	14.2	130.67	0.00	0.17	319.00	208.16	0	0.000	0.00	
	10	11.0	21.3	11.0	130.64	0.00	0.05	319.00	208.31	0	0.000	0.00	
	11	8.8	18.8	8.8	130.63	0.00	0.01	319.00	208.37	0	0.000	0.00	
	12	7.9	17.6	7.9	130.63	0.00	0.00	319.00	208.38	0	0.000	0.00	
	13	7.2	16.4	7.2	130.61	0.00	0.00	319.00	208.39	0	0.000	0.00	
	14	6.4	15.2	6.4	130.60	0.00	0.00	319.00	208.40	0	0.000	0.00	
	15	6.4	15.2	6.4	130.60	0.00	0.00	319.00	208.40	0	0.000	0.00	
	16	5.7	15.2	5.7	130.60	0.00	0.00	319.00	208.40	0	0.000	0.00	
	17	5.7	14.3	5.7	130.59	0.00	0.00	319.00	208.41	0	0.000	0.00	
	18	5.7	14.3	5.7	130.59	0.00	0.00	319.00	208.41	0	0.000	0.00	
	19	31.3	14.9	7.2	130.59	24.00	2.01	319.00	206.40	1	0.879	42.49	
	20	36.6	16.4	7.2	130.61	29.20	2.97	319.00	205.42	1	0.905	53.21	
	21	29.4	44.8	7.2	130.81	22.20	1.72	319.00	206.48	1	0.866	38.88	
	22	26.1	33.5	7.2	130.73	18.90	1.24	319.00	207.03	1	0.834	31.99	
	23	25.4	34.7	7.2	130.75	18.20	1.15	319.00	207.10	1	0.826	30.53	
	24	24.5	39.7	7.2	130.77	17.30	1.04	319.00	207.19	1	0.816	28.66	
	25	23.8	39.7	7.2	130.77	16.60	0.96	319.00	207.27	1	0.807	27.22	
	26	21.4	33.5	21.4	130.73	0.00	0.70	319.00	207.57	0	0.000	0.00	
	27	19.0	24.9	19.0	130.70	0.00	0.48	319.00	207.82	0	0.000	0.00	
	28	16.5	27.4	16.5	130.69	0.00	0.30	319.00	208.01	0	0.000	0.00	
	29	14.9	24.9	14.9	130.67	0.00	0.21	319.00	208.13	0	0.000	0.00	
	30	14.2	22.5	14.2	130.65	0.00	0.17	319.00	208.18	0	0.000	0.00	
													12.41

POWER GENERATION SIMULATION

Dam Axis B — Rated Head : 179.30 m — Installed Capacity : 142.0 MW

Year : 1945 — F.R.L.= 335.00 m — Max. Plant Discharge : 90.00 cms

Date		Discharge Dam (cms)	Discharge P/H (cms)	R.M.F or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Effici ency	Output MW	Monthly Ave. MW
Jul.	1	14.2	31.5	14.2	330.44	0.0	0.17	335.00	306.19	0	0.000	0.00	
	2	13.3	30.0	13.3	330.43	0.0	0.13	335.00	306.24	0	0.000	0.00	
	3	13.3	30.0	13.3	330.43	0.0	0.13	335.00	306.24	0	0.000	0.00	
	4	13.3	13.8	13.3	330.43	0.0	0.13	335.00	306.24	0	0.000	0.00	
	5	13.8	31.5	13.8	330.44	0.0	0.16	335.00	306.10	0	0.000	0.00	
	6	23.0	34.9	7.2	330.47	15.8	0.57	335.00	307.44	1	0.797	23.61	
	7	21.4	28.8	21.4	330.70	0.0	0.70	335.00	307.80	0	0.000	0.00	
	8	20.6	27.6	20.6	330.69	0.0	0.63	335.00	307.69	0	0.000	0.00	
	9	46.6	147.7	7.2	331.48	39.4	3.41	335.00	302.11	1	0.933	70.26	
	10	140.4	397.3	90.4	332.61	90.0	28.21	338.19	176.37	2	0.898	141.43	
	11	197.2	251.4	17.2	331.94	90.0	28.21	339.84	178.99	2	0.900	141.76	
	12	44.4	130.6	7.2	331.50	59.2	13.21	339.00	185.28	2	0.901	102.13	
	13	30.4	105.7	7.2	331.31	43.3	6.90	339.00	301.39	2	0.855	73.90	
	14	30.1	78.1	7.2	331.01	30.9	3.73	339.00	304.66	1	0.909	56.95	
	15	33.7	61.9	7.2	330.93	26.5	2.45	339.00	305.65	1	0.896	47.74	
	16	31.2	54.3	7.2	330.87	24.0	2.01	339.00	306.12	1	0.879	43.42	
	17	27.0	44.7	7.2	330.82	19.8	1.37	339.00	306.81	1	0.843	33.85	
	18	25.4	43.8	7.2	330.79	18.2	1.15	339.00	307.05	1	0.826	30.52	
	19	23.0	39.7	7.2	330.77	15.8	0.87	339.00	307.36	1	0.797	25.39	
	20	21.4	34.7	21.4	330.75	0.0	0.70	339.00	307.53	0	0.000	0.00	
	21	21.4	33.1	21.4	330.74	0.0	0.70	339.00	307.54	0	0.000	0.00	
	22	20.6	32.5	20.6	330.73	0.0	0.63	339.00	307.65	0	0.000	0.00	
	23	19.8	32.0	19.8	330.72	0.0	0.55	339.00	307.73	0	0.000	0.00	
	24	19.9	30.5	19.8	330.71	0.0	0.48	339.00	307.81	0	0.000	0.00	
	25	18.1	30.5	18.1	330.71	0.0	0.41	339.00	307.88	0	0.000	0.00	
	26	17.4	28.9	17.4	330.70	0.0	0.36	339.00	307.94	0	0.000	0.00	
	27	17.4	28.9	17.4	330.70	0.0	0.36	339.00	307.94	0	0.000	0.00	
	28	17.4	28.9	17.4	330.70	0.0	0.36	339.00	307.94	0	0.000	0.00	
	29	16.5	27.4	16.5	330.69	0.0	0.30	339.00	308.01	0	0.000	0.00	
	30	16.5	24.9	16.5	330.67	0.0	0.30	339.00	308.03	0	0.000	0.00	
	31	19.0	26.1	19.0	330.68	0.0	0.48	339.00	307.84	0	0.000	0.00	23.51
Aug.	1	36.4	34.7	7.2	330.73	29.2	2.97	339.00	305.28	1	0.905	53.17	
	2	32.0	44.8	7.2	330.81	24.8	2.14	339.00	306.05	1	0.904	44.39	
	3	28.6	34.7	7.2	330.75	21.4	1.39	339.00	306.65	1	0.859	37.32	
	4	27.0	33.5	7.2	330.73	19.8	1.27	339.00	306.91	1	0.844	33.87	
	5	25.4	32.0	7.2	330.72	18.2	1.15	339.00	307.13	1	0.826	30.53	
	6	23.8	30.5	7.2	330.71	16.6	0.96	339.00	307.33	1	0.807	27.23	
	7	22.2	38.9	22.2	330.70	0.0	0.78	339.00	307.52	0	0.000	0.00	
	8	20.6	27.4	20.6	330.69	0.0	0.63	339.00	307.69	0	0.000	0.00	
	9	19.8	34.9	19.8	330.67	0.0	0.55	339.00	307.78	0	0.000	0.00	
	10	19.0	34.9	19.0	330.67	0.0	0.48	339.00	307.85	0	0.000	0.00	
	11	18.1	23.7	18.1	330.66	0.0	0.41	339.00	307.93	0	0.000	0.00	
	12	17.4	23.7	17.4	330.66	0.0	0.36	339.00	307.98	0	0.000	0.00	
	13	17.4	22.5	17.4	330.65	0.0	0.36	339.00	307.99	0	0.000	0.00	
	14	16.5	21.3	16.5	330.64	0.0	0.30	339.00	308.06	0	0.000	0.00	
	15	15.8	21.3	15.8	330.64	0.0	0.26	339.00	308.10	0	0.000	0.00	
	16	14.9	20.0	14.9	330.63	0.0	0.21	339.00	308.16	0	0.000	0.00	
	17	14.2	18.8	14.2	330.63	0.0	0.17	339.00	308.20	0	0.000	0.00	
	18	13.3	17.6	13.3	330.62	0.0	0.13	339.00	308.25	0	0.000	0.00	
	19	13.3	17.6	13.3	330.62	0.0	0.13	339.00	308.25	0	0.000	0.00	
	20	13.3	20.0	13.3	330.63	0.0	0.13	339.00	308.24	0	0.000	0.00	
	21	34.5	28.8	7.2	330.70	17.3	1.04	339.00	307.36	1	0.816	28.67	
	22	30.3	36.7	7.2	330.75	23.1	1.86	339.00	306.39	1	0.873	40.73	
	23	29.6	42.9	7.2	330.79	21.4	1.59	339.00	306.61	1	0.859	37.21	
	24	27.0	38.2	7.2	330.76	19.8	1.37	339.00	306.87	1	0.844	33.86	
	25	26.1	35.1	7.2	330.74	18.9	1.24	339.00	307.02	1	0.834	31.99	
	26	24.5	33.9	7.2	330.72	17.3	1.04	339.00	307.24	1	0.816	28.67	
	27	23.0	28.9	7.2	330.70	15.8	0.87	339.00	307.43	1	0.797	25.40	
	28	21.4	27.4	21.4	330.69	0.0	0.70	339.00	307.61	0	0.000	0.00	
	29	20.6	26.1	20.6	330.68	0.0	0.63	339.00	307.70	0	0.000	0.00	
	30	19.8	23.7	19.8	330.66	0.0	0.55	339.00	307.79	0	0.000	0.00	
	31	18.1	24.9	18.1	330.67	0.0	0.41	339.00	307.92	0	0.000	0.00	14.42
Sep.	1	32.0	30.5	7.2	330.71	24.8	2.14	339.00	306.15	1	0.885	44.32	
	2	63.5	32.0	7.2	330.72	56.5	11.04	339.00	297.24	2	0.897	97.57	
	3	59.8	70.7	7.2	330.99	52.6	9.84	339.00	298.38	2	0.898	90.78	
	4	54.1	68.5	7.2	330.97	46.9	7.66	339.00	300.37	2	0.870	80.13	
	5	54.1	61.9	7.2	330.93	46.9	7.66	339.00	300.41	2	0.870	80.15	
	6	50.4	60.0	7.2	330.91	43.2	6.50	339.00	301.59	2	0.856	73.05	
	7	46.0	48.6	7.2	330.83	33.5	3.73	339.00	304.42	1	0.911	59.89	
	8	32.9	42.9	7.2	330.79	25.7	2.30	339.00	306.51	1	0.890	44.15	
	9	41.0	42.9	7.2	330.79	33.6	3.98	339.00	304.23	1	0.512	61.67	
	10	57.8	54.3	7.2	330.87	50.4	8.92	339.00	299.21	2	0.862	87.15	
	11	51.3	58.1	7.2	330.90	44.1	6.77	339.00	301.33	2	0.859	76.78	
	12	45.7	30.5	7.2	330.85	38.5	5.16	339.00	302.99	1	0.905	69.17	
	13	39.1	44.7	7.2	330.82	31.9	3.54	339.00	304.64	1	0.911	58.26	
	14	39.1	44.7	7.2	330.82	31.9	3.54	339.00	304.64	1	0.911	58.26	
	15	51.3	66.3	7.2	330.96	44.1	6.77	339.00	301.27	2	0.839	74.76	
	16	88.1	150.1	7.2	331.43	81.9	23.36	339.00	184.21	2	0.907	134.13	
	17	106.2	150.1	16.2	331.43	90.0	28.21	339.05	179.41	2	0.898	142.00	
	18	87.2	122.3	7.2	331.33	80.0	23.29	339.00	185.36	2	0.909	133.07	
	19	65.4	94.3	7.2	331.16	58.2	11.80	339.00	196.05	2	0.900	100.62	
	20	53.1	77.3	7.2	331.03	47.9	7.99	339.00	199.98	2	0.874	82.00	
	21	50.4	68.5	7.2	330.97	43.2	6.50	339.00	201.53	2	0.856	73.01	
	22	50.4	64.1	7.2	330.94	43.2	6.50	339.00	201.56	2	0.856	73.02	
	23	53.2	68.5	7.2	330.97	46.0	7.37	339.00	200.66	2	0.867	78.41	
	24	64.4	75.1	7.2	331.01	55.2	12.21	339.00	195.78	2	0.902	102.43	
	25	57.8	70.7	7.2	330.99	50.6	8.92	339.00	199.10	2	0.882	97.09	
	26	46.6	61.9	7.2	330.93	39.4	5.41	339.00	202.67	1	0.900	70.42	
	27	43.8	50.5	7.2	330.85	36.6	4.67	339.00	203.49	1	0.859	64.30	
	28	63.5	54.3	7.2	330.87	56.5	11.04	339.00	197.09	2	0.896	97.48	
	29	62.5	70.7	7.2	330.99	53.3	10.65	339.00	197.36	2	0.894	95.65	
	30	53.2	77.3	7.2	331.03	45.9	7.05	339.00	200.92	2	0.863	76.44	
													81.24

Date		Discharge Dam (cms)	Discharge P/H (cms)	R.M.F or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Effici ency	Output MW	Monthly Ave. MW
Oct.	1	49.4	61.9	7.2	330.93	42.20	6.30	339.00	301.87	2	0.851	71.58	
	2	43.7	54.3	7.2	330.87	36.50	5.16	339.00	302.96	1	0.905	69.16	
	3	43.8	50.5	7.2	330.85	33.65	4.41	339.00	303.74	1	0.910	64.48	
	4	42.0	50.5	7.2	330.85	32.80	3.73	339.00	304.41	1	0.911	59.89	
	5	70.1	68.5	7.2	330.97	62.90	13.79	339.00	184.25	2	0.907	108.97	
	6	148.8	176.7	58.8	331.66	90.00	28.21	339.21	179.35	2	0.898	142.00	
	7	185.0	254.6	95.0	331.97	90.00	28.21	339.30	179.15	2	0.898	141.93	
	8	173.6	231.4	83.6	331.86	90.00	28.21	339.30	179.15	2	0.898	141.93	
	9	163.3	209.6	83.3	331.81	90.00	28.21	339.20	179.18	2	0.898	141.95	
	10	132.3	166.9	82.3	331.59	90.00	28.21	339.13	179.33	2	0.898	142.00	
	11	109.3	108.1	19.3	331.43	90.00	28.21	339.04	179.40	2	0.898	142.00	
	12	80.6	108.6	7.2	331.34	73.40	18.76	339.00	180.00	2	0.912	123.93	
	13	64.5	91.9	7.2	331.13	57.30	11.43	338.80	186.64	2	0.898	99.08	
	14	52.1	78.5	7.2	331.04	47.80	7.99	339.00	189.96	2	0.874	83.00	
	15	48.5	68.5	7.2	330.97	41.30	5.94	339.00	302.09	2	0.847	69.30	
	15	43.8	58.1	7.2	330.90	36.60	4.67	339.00	303.44	1	0.905	66.38	
	17	41.9	54.3	7.2	330.87	34.70	4.10	339.00	303.83	1	0.911	63.19	
	18	38.1	50.5	7.2	330.85	30.90	3.73	339.00	304.83	1	0.909	54.40	
	19	33.9	44.7	7.2	330.82	26.70	2.30	339.00	305.68	1	0.890	44.14	
	20	30.3	42.9	7.2	330.79	23.10	1.86	339.00	306.33	1	0.875	40.77	
	21	27.0	39.7	7.2	330.77	19.80	1.37	339.00	306.84	1	0.844	33.86	
	22	23.2	33.1	7.2	330.74	15.00	0.78	339.00	307.43	0	0.000	0.00	
	23	20.6	32.0	7.2	330.72	13.40	0.63	339.00	307.66	0	0.000	0.00	
	24	19.0	30.5	7.2	330.71	12.00	0.55	339.00	307.74	0	0.000	0.00	
	25	19.0	30.9	7.2	330.70	11.80	0.48	339.00	307.82	0	0.000	0.00	
	26	19.0	30.9	7.2	330.70	11.80	0.48	339.00	307.82	0	0.000	0.00	
	27	27.8	39.7	7.2	330.77	20.60	1.48	339.00	306.73	1	0.851	35.54	
	28	44.6	41.4	7.2	330.78	38.40	5.61	339.00	302.81	1	0.900	70.66	
	29	75.7	60.0	7.2	330.91	68.50	14.82	335.00	191.27	2	0.911	118.71	
	30	66.4	84.3	7.2	331.00	58.20	13.21	339.00	185.78	2	0.908	102.57	
	31	48.5	64.1	7.2	330.94	41.30	5.94	339.00	302.12	2	0.847	69.32	74.29
Nov.	1	34.8	54.3	7.2	330.87	27.60	2.65	339.00	305.47	1	0.899	49.97	
	2	32.6	50.5	7.2	330.85	25.50	2.31	339.00	305.94	1	0.897	45.11	
	3	28.9	44.7	7.2	330.82	22.70	1.79	339.00	306.39	1	0.870	39.82	
	4	24.5	28.2	7.2	330.76	17.30	1.04	339.00	307.20	1	0.815	28.66	
	5	21.5	33.5	7.2	330.73	14.30	0.71	339.00	307.56	0	0.000	0.00	
	6	21.5	33.5	7.2	330.73	14.30	0.71	339.00	307.56	0	0.000	0.00	
	7	21.5	33.5	7.2	330.73	14.30	0.71	339.00	307.56	0	0.000	0.00	
	8	20.5	32.0	7.2	330.72	13.30	0.62	339.00	307.67	0	0.000	0.00	
	9	18.5	28.9	7.2	330.70	11.30	0.44	339.00	307.86	0	0.000	0.00	
	10	18.5	28.9	7.2	330.70	11.30	0.44	339.00	307.86	0	0.000	0.00	
	11	17.5	27.4	7.2	330.69	10.30	0.37	339.00	307.94	0	0.000	0.00	
	12	17.5	27.4	7.2	330.69	10.30	0.37	339.00	307.94	0	0.000	0.00	
	13	17.5	27.4	7.2	330.68	10.30	0.37	339.00	307.94	0	0.000	0.00	
	14	16.7	26.1	7.2	330.68	9.50	0.31	339.00	308.01	0	0.000	0.00	
	15	13.9	24.9	7.2	330.67	8.70	0.26	339.00	308.07	0	0.000	0.00	
	16	16.7	26.1	7.2	330.68	9.50	0.31	339.00	308.01	0	0.000	0.00	
	17	18.5	28.9	7.2	330.70	11.30	0.44	339.00	307.86	0	0.000	0.00	
	18	15.9	24.9	7.2	330.67	8.70	0.26	339.00	308.07	0	0.000	0.00	
	19	14.4	22.5	7.2	330.65	7.20	0.18	339.00	308.17	0	0.000	0.00	
	20	13.0	18.9	7.2	330.63	5.80	0.06	339.00	308.29	0	0.000	0.00	
	21	12.0	18.9	7.2	330.63	4.80	0.00	339.00	308.30	0	0.000	0.00	
	22	13.6	21.3	7.2	330.64	6.40	0.14	339.00	308.21	0	0.000	0.00	
	23	14.4	22.5	7.2	330.65	7.20	0.18	339.00	308.17	0	0.000	0.00	
	24	13.6	21.3	7.2	330.64	6.40	0.14	339.00	308.21	0	0.000	0.00	
	25	13.6	21.3	7.2	330.64	6.40	0.14	339.00	308.21	0	0.000	0.00	
	26	14.4	22.5	7.2	330.65	7.20	0.18	339.00	308.17	0	0.000	0.00	
	27	15.9	24.9	7.2	330.67	8.70	0.26	339.00	308.07	0	0.000	0.00	
	28	20.5	32.0	7.2	330.72	13.30	0.62	339.00	307.67	0	0.000	0.00	
	29	22.3	33.1	7.2	330.74	15.00	0.82	339.00	307.44	0	0.000	0.00	
	30	21.5	33.5	7.2	330.73	14.30	0.71	339.00	307.56	0	0.000	0.00	
													5.46
Dec.	1	19.8	28.9	7.2	330.70	12.60	0.55	339.00	307.73	0	0.000	0.00	
	2	17.4	26.1	7.2	330.66	10.20	0.34	339.00	307.84	0	0.000	0.00	
	3	14.2	22.5	7.2	330.65	7.00	0.17	339.00	308.18	0	0.000	0.00	
	4	12.6	18.8	7.2	330.63	5.40	0.10	339.00	308.27	0	0.000	0.00	
	5	15.8	20.0	7.2	330.63	8.60	0.26	339.00	308.11	0	0.000	0.00	
	6	31.2	44.7	7.2	330.82	24.00	2.01	339.00	306.17	1	0.878	42.65	
	7	26.1	42.9	7.2	330.79	18.90	1.24	339.00	306.96	1	0.834	31.97	
	8	19.8	34.7	7.2	330.75	12.60	0.55	339.00	307.70	0	0.000	0.00	
	9	14.5	28.9	7.2	330.70	9.30	0.30	339.00	308.08	0	0.000	0.00	
	10	14.2	22.5	7.2	330.65	7.00	0.17	339.00	308.18	0	0.000	0.00	
	11	13.3	21.3	7.2	330.64	6.10	0.13	339.00	308.23	0	0.000	0.00	
	12	11.9	18.8	7.2	330.63	4.70	0.08	339.00	308.30	0	0.000	0.00	
	13	10.2	17.6	7.2	330.62	3.00	0.03	339.00	308.35	0	0.000	0.00	
	14	9.5	17.6	7.2	330.62	2.30	0.02	339.00	308.36	0	0.000	0.00	
	15	12.6	20.0	7.2	330.63	5.40	0.10	339.00	308.26	0	0.000	0.00	
	16	64.5	54.3	7.2	330.87	57.30	11.43	338.80	196.69	2	0.898	99.23	
	17	96.7	98.7	7.2	331.17	88.50	27.90	339.00	179.53	2	0.898	141.79	
	18	56.9	94.3	7.2	331.16	49.70	8.90	339.00	189.24	2	0.879	85.35	
	19	44.6	61.9	7.2	330.93	39.40	5.41	339.00	302.67	1	0.900	70.42	
	20	33.9	44.8	7.2	330.81	25.70	2.30	335.00	305.09	1	0.890	44.14	
	21	23.8	33.1	7.2	330.74	16.60	0.96	339.00	307.30	1	0.807	27.23	
	22	18.0	30.5	7.2	330.71	11.80	0.48	339.00	307.81	0	0.000	0.00	
	23	21.4	28.9	7.2	330.70	14.30	0.70	339.00	307.60	0	0.000	0.00	
	24	20.6	27.4	7.2	330.68	13.40	0.63	339.00	307.69	0	0.000	0.00	
	25	18.0	27.4	7.2	330.69	11.80	0.48	339.00	307.83	0	0.000	0.00	
	26	15.8	41.4	7.2	330.78	8.60	0.26	339.00	307.96	0	0.000	0.00	
	27	18.0	28.9	7.2	330.70	11.80	0.48	339.00	307.82	0	0.000	0.00	
	28	32.0	30.5	7.2	330.71	24.80	2.14	339.00	306.15	1	0.885	44.32	
	29	74.0	41.4	7.2	330.78	66.80	13.54	339.00	182.64	2	0.910	114.80	
	30	58.8	41.9	7.2	330.93	51.60	9.27	339.00	190.80	2	0.865	88.96	
	31	40.9	54.3	7.2	330.87	32.80	3.73	339.00	304.38	1	0.911	59.88	27.51

POWER GENERATION SIMULATION

Year : 1946 | Dam Axis B | F.S.L. = 319.00 m | Rated Head : 179.30 m | Min. Plant Discharge : 90.00 cms | Installed Capacity : 142.0 MW

Date		Discharge Dam (cms)	Discharge P/H (cms)	R.O.F or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsvr level	Effect. Head h	Unit	Effcie ncy	Output MW	Monthly Ave. MW
Jan.	1	53.0	46.7	7.2	110.83	34.8	2.14	319.00	204.04	1	0.864	44.29	
	2	27.8	53.5	7.2	110.73	20.6	1.48	319.00	206.79	1	0.851	33.54	
	3	34.7	34.7	7.2	110.75	27.5	2.63	319.00	205.62	1	0.899	49.01	
	4	39.1	42.9	7.2	110.79	31.9	3.54	319.00	201.66	1	0.911	58.27	
	5	35.5	39.7	7.2	110.77	28.3	3.79	319.00	205.64	1	0.902	51.39	
	6	30.3	36.2	7.2	110.76	23.1	1.86	319.00	206.98	1	0.875	40.77	
	7	34.7	34.3	7.2	110.76	27.5	2.63	319.00	205.60	1	0.899	49.05	
	8	32.0	34.7	7.2	110.75	24.8	2.14	319.00	206.11	1	0.845	44.31	
	9	41.9	34.3	7.2	110.89	34.7	4.19	319.00	202.22	1	0.911	63.18	
	10	52.0	61.9	7.2	110.93	34.8	2.14	319.00	205.93	1	0.884	64.26	
	11	28.6	60.0	7.2	110.91	21.4	1.39	319.00	206.49	1	0.859	37.18	
	12	33.9	46.3	7.2	110.96	25.7	2.30	319.00	205.74	1	0.890	44.11	
	13	153.7	135.2	43.7	111.34	95.0	26.21	319.17	179.61	2	0.966	142.00	
	14	256.3	442.2	146.5	112.78	95.0	26.21	319.53	178.53	2	0.899	141.53	
	15	238.5	330.9	190.3	112.41	90.0	26.21	319.43	178.83	2	0.899	141.71	
	16	153.8	221.9	63.6	111.91	90.0	26.21	319.24	179.12	2	0.898	141.91	
	17	98.6	143.0	8.6	111.45	90.0	26.21	319.01	179.35	2	0.898	142.00	
	18	68.3	106.3	7.2	111.22	61.1	13.00	319.00	184.78	2	0.904	125.68	
	19	94.7	111.4	7.2	111.26	89.5	27.90	319.00	179.83	2	0.899	141.74	
	20	118.7	136.3	26.7	111.41	90.0	26.21	319.10	179.68	2	0.898	142.00	
	21	88.1	132.5	7.2	111.35	81.9	23.56	319.00	184.31	2	0.907	134.20	
	22	67.3	91.3	7.2	111.12	60.1	12.98	319.00	185.30	2	0.905	109.87	
	23	54.0	77.3	7.2	111.03	46.8	8.59	319.00	189.66	2	0.877	83.70	
	24	52.2	44.3	7.2	110.94	45.0	7.05	319.00	200.99	2	0.845	74.49	
	25	68.3	68.3	7.2	110.87	61.1	13.00	319.00	195.03	2	0.905	105.63	
	26	105.3	98.7	13.3	111.17	90.0	26.21	319.04	179.65	2	0.898	142.00	
	27	114.7	142.0	26.7	111.45	90.0	26.21	319.10	179.44	2	0.898	142.00	
	28	108.0	144.8	15.0	111.47	90.0	26.21	319.07	179.39	2	0.898	142.00	
	29	102.3	139.1	12.3	111.43	90.0	26.21	319.03	179.39	2	0.898	142.00	
	30	84.3	118.7	7.2	111.31	77.1	20.70	319.00	186.99	2	0.910	138.63	
	31	89.4	128.2	7.2	111.34	79.2	19.98	319.00	187.96	2	0.911	136.22	94.65
Feb.	1	167.6	638.4	77.6	113.20	90.0	26.21	319.26	177.87	2	0.899	141.11	
	2	434.9	1050.1	344.9	113.78	90.0	26.21	319.52	177.93	2	0.899	141.15	
	3	522.4	700.7	431.4	113.32	90.0	26.21	720.04	178.30	2	0.899	141.93	
	4	428.6	540.1	338.6	113.02	90.0	26.21	319.83	178.61	2	0.899	141.58	
	5	222.4	774.3	132.4	112.42	90.0	26.21	319.43	178.80	2	0.899	141.71	
	6	131.8	304.6	41.8	111.85	90.0	26.21	319.16	179.13	2	0.898	141.91	
	7	97.7	196.3	7.7	111.54	90.0	26.21	319.00	179.26	2	0.898	142.00	
	8	61.3	139.7	7.2	111.31	74.3	19.20	319.00	188.44	2	0.911	125.07	
	9	111.8	179.5	21.8	111.67	90.0	26.21	319.08	179.19	2	0.898	141.96	
	10	164.6	221.9	74.6	111.91	90.0	26.21	319.27	179.13	2	0.898	141.93	
	11	215.4	270.3	125.4	112.15	90.0	26.21	319.41	179.06	2	0.898	141.87	
	12	159.7	228.1	69.7	111.94	90.0	26.21	319.24	179.11	2	0.898	141.90	
	13	115.7	184.9	25.7	111.90	90.0	26.21	319.10	179.20	2	0.898	142.00	
	14	144.2	188.5	54.2	111.91	90.0	26.21	319.21	179.29	2	0.898	142.00	
	15	192.4	240.5	102.4	112.10	90.0	26.21	319.35	179.04	2	0.898	141.86	
	16	230.6	476.5	140.6	112.87	90.0	26.21	319.50	178.42	2	0.899	141.44	
	17	225.5	552.4	165.3	113.04	90.0	26.21	319.51	178.36	2	0.899	141.34	
	18	245.9	573.1	155.9	113.08	90.0	26.21	319.49	178.30	2	0.899	141.32	
	19	295.0	551.8	205.0	113.00	90.0	26.21	319.40	178.39	2	0.899	141.45	
	20	330.8	499.4	240.8	112.93	90.0	26.21	319.68	178.54	2	0.899	141.54	
	21	362.4	345.7	192.4	112.60	90.0	26.21	319.57	178.76	2	0.899	141.68	
	22	254.2	313.7	134.2	112.34	90.0	26.21	319.41	178.86	2	0.898	141.75	
	23	150.9	221.4	60.9	111.96	90.0	26.21	319.23	179.06	2	0.898	141.87	
	24	122.3	208.7	32.3	111.84	90.0	26.21	319.12	179.07	2	0.898	141.88	
	25	108.1	191.5	18.1	111.74	90.0	26.21	319.06	179.11	2	0.898	141.90	
	26	122.8	218.8	42.8	111.89	90.0	26.21	319.17	179.06	2	0.898	141.87	
	27	192.4	282.2	102.4	112.21	90.0	26.21	319.35	178.95	2	0.898	141.79	
	28	176.6	270.3	86.6	112.13	90.0	26.21	319.31	178.95	2	0.898	141.80	
													141.12
Mar.	1	113.7	243.8	23.7	112.12	90.0	26.21	319.10	178.77	2	0.899	141.69	
	2	217.7	306.9	127.7	112.51	90.0	26.21	319.42	178.90	2	0.898	141.77	
	3	234.2	348.0	144.2	112.47	90.0	26.21	319.46	178.78	2	0.899	141.69	
	4	322.4	430.8	232.4	112.73	90.0	26.21	319.66	178.70	2	0.899	141.65	
	5	318.5	416.3	228.3	112.70	90.0	26.21	319.65	178.74	2	0.899	141.67	
	6	360.0	354.9	170.0	112.30	90.0	26.21	319.32	178.81	2	0.899	141.72	
	7	186.0	257.3	96.0	112.09	90.0	26.21	319.53	179.04	2	0.898	141.86	
	8	133.7	194.4	43.7	111.76	90.0	26.21	319.17	179.20	2	0.898	141.96	
	9	109.0	162.0	19.0	111.57	90.0	26.21	319.07	179.29	2	0.898	142.00	
	10	84.8	144.9	7.2	111.47	87.6	24.73	319.00	182.81	2	0.901	139.84	
	11	85.3	234.1	7.2	112.07	78.1	21.36	319.00	185.49	2	0.910	129.35	
	12	146.7	237.3	24.7	112.09	90.0	26.21	319.10	178.80	2	0.899	141.71	
	13	142.3	280.0	52.3	112.19	90.0	26.21	319.20	178.80	2	0.898	141.70	
	14	222.4	447.9	132.4	112.80	90.0	26.21	319.43	178.32	2	0.899	141.40	
	15	290.9	713.8	200.9	113.33	90.0	26.21	319.74	178.20	2	0.899	141.32	
	16	330.8	540.7	240.8	113.06	90.0	26.21	319.68	178.41	2	0.899	141.46	
	17	262.3	401.8	172.3	112.66	90.0	26.21	319.53	178.66	2	0.899	141.62	
	18	187.1	303.4	97.1	112.30	90.0	26.21	319.34	178.83	2	0.899	141.73	
	19	120.6	231.4	45.6	111.96	90.0	26.21	319.18	179.01	2	0.898	141.84	
	20	108.1	186.5	18.1	111.73	90.0	26.21	319.06	179.13	2	0.898	141.91	
	21	91.9	196.3	7.2	111.54	84.7	24.99	319.00	182.48	2	0.905	137.01	
	22	81.5	199.1	7.2	111.43	74.3	19.23	319.00	188.34	2	0.911	134.99	
	23	72.0	125.2	7.2	111.34	64.8	14.62	319.00	193.05	2	0.908	131.56	
	24	91.7	130.6	7.2	111.50	84.5	27.28	319.00	180.22	2	0.900	140.69	
	25	111.8	270.3	21.8	112.15	90.0	26.21	319.08	178.72	2	0.899	141.66	
	26	150.9	280.5	60.9	112.10	90.0	26.21	319.23	178.92	2	0.898	141.78	
	27	105.2	191.5	15.2	111.74	90.0	26.21	319.05	179.09	2	0.898	141.89	
	28	81.5	147.7	7.2	111.68	74.3	19.23	319.00	188.26	2	0.911	134.96	
	29	70.1	125.2	7.2	111.34	62.9	13.76	319.00	193.88	2	0.907	108.35	
	30	61.7	114.2	7.2	111.27	54.5	10.34	319.00	197.38	2	0.902	94.06	
	31	102.4	152.6	10.4	111.49	90.0	26.21	319.02	179.12	2	0.898	141.91	136.41

Date		Discharge Dam (cms)	Discharge P/H (cms)	R.O.F or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsvr level	Effect. Head h	Unit	Effcie ncy	Output MW	Monthly Ave. MW
Apr.	1	154.8	304.9	64.8	112.31	90.00	26.21	319.34	178.72	2	0.899	141.66	
	2	120.9	306.9	60.9	112.31	90.00	26.21	319.23	178.71	2	0.899	141.65	
	3	136.2	247.8	36.2	112.04	90.00	26.21	319.14	178.89	2	0.898	141.76	
	4	96.7	183.5	7.2	111.71	89.50	27.80	319.00	179.30	2	0.899	141.45	
	5	84.3	162.6	7.2	111.57	77.10	20.70	319.00	186.73	2	0.911	128.64	
	6	84.3	150.4	7.2	111.53	77.10	20.70	319.00	186.78	2	0.910	128.49	
	7	84.3	150.4	7.2	111.52	77.10	20.70	319.00	186.78	2	0.910	128.49	
	8	77.7	142.0	7.2	111.45	70.50	17.31	319.00	190.24	2	0.911	119.80	
	9	70.1	125.2	7.2	111.34	62.90	13.78	319.00	193.88	2	0.907	108.35	
	10	63.5	114.8	7.2	111.29	56.30	11.04	319.00	194.67	2	0.894	97.24	
	11	62.5	108.6	7.2	111.24	55.30	10.65	319.00	197.11	2	0.894	95.51	
	12	54.9	103.7	7.2	111.21	49.70	8.40	319.00	199.19	2	0.879	83.50	
	13	50.4	93.8	7.2	111.14	45.20	6.50	319.00	201.36	2	0.856	72.05	
	14	44.6	86.3	7.2	111.09	39.40	5.41	319.00	202.50	1	0.900	70.37	
	15	44.7	75.1	7.2	111.01	37.50	4.80	319.00	203.09	1	0.906	67.66	
	16	41.9	70.7	7.2	110.99	34.70	4.19	319.00	203.83	1	0.911	63.15	
	17	39.1	70.7	7.2	110.99	31.90	3.54	319.00	204.47	1	0.911	58.21	
	18	35.5	70.7	7.2	110.99	28.30	2.79	319.00	205.23	1	0.902	51.34	
	19	33.7	68.5	7.2	110.97	26.50	2.43	319.00	205.58	1	0.894	47.73	
	20	38.1	64.3	7.2	110.94	30.90	3.53	319.00	204.72	1	0.909	54.86	
	21	36.4	61.9	7.2	110.93	29.20	2.97	319.00	205.11	1	0.905	53.12	
	22	34.7	63.0	7.2	110.91	27.50	2.63	319.00	205.45	1	0.899	49.76	
	23	33.7	54.1	7.2	110.90	26.50	2.43	319.00	205.66	1	0.894	47.75	
	24	33.9	52.4	7.2	110.86	26.90	2.14	319.00	206.00	1	0.884	46.28	
	25	31.2	48.6	7.2	110.83	24.00	2.01	319.00	206.16	1	0.879	42.63	
	26	27.8	44.8	7.2	110.81	19.80	1.37	319.00	206.85	1	0.844	33.05	
	27	28.6	42.9	7.2	110.79	21.40	1.39	319.00	206.61	1	0.859	37.21	
	28	28.6	42.9	7.2	110.79	21.40	1.39	319.00	206.61	1	0.859	37.21	
	29	27.8	42.9	7.2	110.79	20.60	1.48	319.00	206.73	1	0.851	35.53	
	30	27.8	41.4	7.2	110.79	20.60	1.48	319.00	206.74	1	0.851	35.53	
													78.76
May	1	26.1	39.7	7.2	110.77	18.90	1.34	319.00	206.98	1	0.834	31.98	
	2	27.0	42.9	7.2	110.79	19.80	1.37	319.00	206.84	1	0.844	33.06	
	3	27.8	50.5	7.2	110.85	20.60	1.48	319.00	206.68	1	0.851	35.52	
	4	27.0	50.5	7.2	110.85	19.80	1.37	319.00	206.79	1	0.843	33.04	
	5	26.1	50.5	7.2	110.85	18.90	1.24	319.00	206.91	1	0.834	31.96	
	6	26.1	48.6	7.2	110.83	18.90	1.24	319.00	206.92	1	0.834	31.97	
	7	25.4	44.7	7.2	110.82	18.20	1.15	319.00	207.05	1	0.826	30.51	
	8	24.5	43.9	7.2	110.79	17.30	1.04	319.00	207.16	1	0.816	28.66	
	9	24.5	43.9	7.2	110.79	17.30	1.04	319.00	207.16	1	0.816	28.66	
	10	23.8	38.2	7.2	110.76	16.60	0.96	319.00	207.28	1	0.807	27.22	
	11	32.0	44.8	7.2	110.81	24.80	2.14	319.00	206.05	1	0.864	44.28	
	12	73.0	81.3	7.2	111.12	65.80	15.08	319.00	192.80	2	0.909	119.05	
	13	108.0	133.4	19.0	111.52	90.00	28.21	319.07	179.34	2	0.898	142.00	
	14	101.4	144.9	11.4	111.47	90.00	28.21	319.03	179.39	2	0.898	142.00	
	15	61.7	98.7	7.2	111.17	54.50	10.34	319.00	197.48	2	0.892	94.12	
	16	51.3	79.5	7.2	111.04	44.10	6.77	319.00	201.18	2	0.850	74.72	
	17	44.7	61.9	7.2	110.93	37.50	4.80	319.00	205.18	1	0.906	67.66	
	18	46.6	66.1	7.2	110.94	39.40	5.41	319.00	202.65	1	0.900	70.41	
	19	98.6	125.2	9.6	111.34	90.00	28.21	319.01	179.46	2	0.898	142.00	
	20	147.1	194.4	57.1	111.76	90.00	28.21	319.32	179.25	2	0.898	141.99	
	21	141.3	206.6	51.3	111.83	90.00	28.21	319.30	179.16	2	0.898	141.94	
	22	108.9	162.0	19.9	111.57	90.00	28.21	319.07	179.29	2	0.898	142.00	
	23	83.4	130.7	7.2	111.38	76.30	20.22	319.00	187.40	2	0.911	127.47	
	24	67.3	103.7	7.2	111.21	60.10	12.58	319.00	195.21	2	0.903	109.82	
	25	59.8	84.8	7.2	111.11	52.60	9.64	319.00	198.26	2	0.898	90.71	
	26	54.1	77.3	7.2	111.03	46.90	7.66	319.00	200.31	2	0.870	80.10	
	27	50.4	70.7	7.2	110.99	43.20	6.50	319.00	201.52	2	0.856	73.00	
	28	47.5	64.1	7.2	110.94	40.30	5.66	319.00	202.40	2	0.843	67.36	
	29	44.7	60.0	7.2	110.91	37.50	4.80	319.00	203.19	1	0.906	67.67	
	30	43.8	58.1	7.2	110.90	36.60	4.67	319.00	203.64	1	0.904	66.28	
	31	44.7	56.2	7.2	110.89	37.50	4.80	319.00	203.22	1	0.906	67.68	76.60
Jun.	1	92.9	79.5	7.2	111.04	85.70	23.58	319.00	182.36	2	0.903	138.33	
	2	193.5	303.4	103.5	112.30	90.00	28.21	319.36	178.85	2	0.899	141.74	
	3	144.2	243.8	54.2	112.12	90.00	28.21	319.21	178.88	2	0.898	141.76	
	4	108.1	108.1	18.1	111.73	90.00	28.21	319.06	179.13	2	0.898	141.93	
	5	85.3	147.7	7.2	111.48	78.10	21.24	319.00	186.27	2	0.910	129.73	
	6	74.0	122.5	7.2	111.33	66.80	15.54	319.00	192.19	2	0.910	114.46	
	7	66.4	104.3	7.2	111.22	59.20	12.21	319.00	195.97	2	0.902	102.28	
	8	59.8	94.7	7.2	111.17	52.60	9.64	319.00	198.19	2	0.888	90.68	
	9	54.1	86.8	7.2	111.11	46.90	7.66	319.00	200.23	2	0.870	80.06	
	10	50.4	79.5	7.2	111.04	43.20	6.50	319.00	201.46	2	0.856	72.97	
	11	47.5	75.1	7.2	111.01	40.30	5.66	319.00	202.33	2	0.843	67.33	
	12	44.7	72.9	7.2	111.00	37.50	4.80	319.00	203.10	1	0.906	67.64	
	13	43.8	70.7	7.2	110.99	36.60	4.67	319.00	203.35	1	0.900	66.26	
	14	41.9	66.5	7.2	110.96	34.70	4.19	319.00	203.85	1	0.911	63.16	
	15	41.0	61.9	7.2	110.93	33.80	3.98	319.00	204.10	1	0.912	61.43	
	16	33.5	58.1	7.2	110.90	28.30	2.79	319.00	205.31	1	0.902	51.36	
	17	34.7	56.2	7.2	110.89	27.50	2.63	319.00	205.48	1	0.899	49.77	
	18	32.9	54.3	7.2	110.87	25.70	2.30	319.00	205.83	1	0.890	46.13	
	19	32.0	52.4	7.2	110.86	24.80	2.14	319.00	206.00	1	0.884	44.28	
	20	32.9	50.5	7.2	110.85	25.70	2.30	319.00	205.83	1	0.890	46.13	
	21	32.9	50.5	7.2	110.85	25.70	2.30	319.00	205.83	1	0.890	46.13	
	22	43.8	56.2	7.2	111.16	34.60	4.67	319.00	203.18	1	0.908	66.21	
	23	257.6	303.8	167.6	113.43	90.00	28.21	319.53	177.83	2	0.903	141.08	
	24	408.6	951.4	318.6	113.69	90.00	28.21	319.83	177.83	2	0.899	141.15	
	25	472.8	722.4	382.8	113.54	90.00	28.21	319.97	178.40	2	0.899	141.45	
	26	445.5	647.7	775.5	113.22	90.00	28.21	319.94	178.51	2	0.899	141.52	
	27	286.0	438.4	196.0	112.77	90.00	28.21	319.58	178.60	2	0.899	141.58	
	28	199.2	327.4	109.2	112.40	90.00	28.21	319.37	178.77	2	0.899	141.68	
	29	308.6	401.8	218.6	112.66	90.00	28.21	319.63	178.76	2	0.899	141.66	
	30	326.6	430.8	236.6	113.75	90.00	28.21	319.67	178.71	2	0.899	141.65	
													96.73

POWER GENERATION SIMULATION

Year : 1946 | Dam Axis B | F.S.L.= 319.00 m | Rated Head : 179.30 m | Max. Plant Discharge : 90.00 cms | Installed Capacity : 142.0 MW

Date		Discharge Dam (cms)	Discharge P/H (cms)	RMF over Spillway (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effec. Head h	Units req	Efficiency	Output MW	Monthly Ave. MW
Jul	1	338.9	351.5	148.9	112.69	90.0	28.21	319.47	179.78	2	0.869	141.69	
	2	332.4	347.0	102.4	112.13	90.0	28.21	319.35	179.01	2	0.868	141.84	
	3	155.7	334.8	65.7	111.92	90.0	28.21	319.24	178.81	2	0.868	141.80	
	4	157.5	305.5	47.5	111.79	90.0	28.21	319.18	178.68	2	0.868	141.95	
	5	159.4	168.5	28.4	111.73	90.0	28.21	319.11	178.18	2	0.868	141.85	
	6	108.1	147.9	18.1	111.61	90.0	28.21	319.04	179.25	2	0.869	141.99	
	7	330.7	234.8	120.7	111.87	90.0	28.21	319.40	179.32	2	0.868	141.87	
	8	298.8	303.7	208.8	112.60	90.0	28.21	319.81	179.89	2	0.870	141.71	
	9	298.9	337.7	148.9	113.44	90.0	30.21	319.47	179.83	2	0.869	141.72	
	10	190.3	283.2	100.3	113.21	90.0	28.21	319.35	179.93	2	0.868	141.79	
	11	135.7	237.9	45.7	111.99	90.0	28.21	319.24	179.04	2	0.869	141.86	
	12	140.4	209.6	50.4	111.83	90.0	28.21	319.19	179.16	2	0.868	141.93	
	13	140.0	212.7	98.0	111.84	90.0	28.21	319.32	179.15	2	0.870	141.93	
	14	107.1	205.2	97.1	113.21	90.0	28.21	319.34	179.93	2	0.868	141.78	
	15	230.7	310.3	130.7	112.93	90.0	28.21	319.65	179.87	2	0.869	141.75	
	16	369.7	472.4	279.7	113.26	90.0	28.21	319.76	179.29	2	0.869	141.38	
	17	405.6	722.6	315.6	113.34	90.0	28.21	319.83	179.27	2	0.869	141.37	
	18	369.9	491.7	219.9	112.01	90.0	28.21	319.43	178.52	2	0.869	141.53	
	19	225.5	340.2	143.9	112.55	90.0	28.21	319.46	178.70	2	0.869	141.64	
	20	195.7	337.7	105.7	112.44	90.0	28.21	319.36	178.72	2	0.869	141.65	
	21	176.6	294.6	86.6	112.27	90.0	28.21	319.31	178.53	2	0.869	141.73	
	22	156.7	257.3	66.7	112.09	90.0	28.21	319.25	178.95	2	0.869	141.80	
	23	148.0	247.6	58.0	112.04	90.0	28.21	319.22	178.97	2	0.868	141.81	
	24	163.6	257.3	73.6	112.09	90.0	28.21	319.27	178.97	2	0.868	141.82	
	25	131.9	230.8	61.9	112.06	90.0	28.21	319.23	178.97	2	0.868	141.81	
	26	137.5	228.1	47.5	111.94	90.0	28.21	319.18	179.05	2	0.869	141.83	
	27	139.4	194.4	28.4	111.74	90.0	28.21	319.11	179.14	2	0.868	141.93	
	28	104.3	176.7	14.3	111.66	90.0	28.21	319.04	179.17	2	0.868	141.95	
	29	91.9	162.0	7.3	111.57	84.7	24.99	319.00	183.44	2	0.900	134.99	
	30	86.1	150.6	7.3	111.30	81.9	23.36	319.00	184.14	2	0.907	134.09	
	31	84.3	134.3	7.2	111.41	77.1	20.70	319.00	186.98	2	0.910	138.54	140.94
Aug.	1	78.6	128.0	7.3	111.36	72.4	18.26	319.00	188.34	2	0.912	135.50	
	2	74.9	122.5	7.3	111.33	67.7	15.96	319.00	191.71	2	0.910	135.81	
	3	70.1	114.9	7.2	111.29	62.9	13.78	319.00	193.93	2	0.907	108.34	
	4	65.6	108.6	7.2	111.24	58.3	11.80	319.00	195.97	2	0.900	100.53	
	5	63.5	106.2	7.2	111.22	55.3	10.65	319.00	197.13	2	0.894	95.52	
	6	62.5	98.7	7.2	111.17	55.3	10.65	319.00	197.18	2	0.894	95.54	
	7	61.7	106.2	7.3	111.22	54.5	10.34	319.00	197.43	2	0.892	94.09	
	8	54.0	94.3	7.2	111.16	48.8	8.38	319.00	199.53	2	0.876	83.64	
	9	52.2	84.8	7.3	111.11	45.0	7.05	319.00	200.84	2	0.863	76.42	
	10	49.4	83.9	7.3	111.07	43.2	6.20	319.00	201.72	2	0.851	71.02	
	11	47.5	81.7	7.2	111.06	40.3	5.66	319.00	202.28	2	0.843	67.31	
	12	45.7	75.1	7.2	111.01	38.5	5.16	319.00	202.82	1	0.905	69.12	
	13	45.7	75.1	7.2	111.01	38.5	5.16	319.00	202.82	1	0.905	69.12	
	14	44.7	72.9	7.3	111.00	37.5	4.90	319.00	203.10	1	0.906	67.94	
	15	44.7	70.7	7.2	110.99	37.5	4.90	319.00	203.13	1	0.906	67.95	
	16	43.8	70.7	7.2	110.99	36.6	4.67	319.00	203.35	1	0.908	66.26	
	17	42.8	68.5	7.2	110.97	35.6	4.41	319.00	203.62	1	0.910	64.66	
	18	41.9	66.3	7.2	110.96	34.7	4.19	319.00	203.85	1	0.911	63.16	
	19	41.9	61.9	7.2	110.93	33.8	3.96	319.00	204.10	1	0.912	61.63	
	20	40.0	61.9	7.2	110.93	32.8	3.75	319.00	204.33	1	0.911	59.86	
	21	39.1	60.0	7.2	110.91	31.9	3.54	319.00	204.54	1	0.911	58.23	
	22	39.1	61.9	7.2	110.93	31.9	3.54	319.00	204.53	1	0.911	58.23	
	23	43.8	78.5	7.2	111.04	34.6	4.67	319.00	203.29	1	0.908	66.24	
	24	51.3	93.6	7.2	111.14	44.1	6.77	319.00	201.89	2	0.859	74.67	
	25	44.7	83.6	7.2	111.14	37.5	4.90	319.00	202.96	1	0.906	67.40	
	26	40.0	79.5	7.2	111.04	32.8	3.75	319.00	204.21	1	0.911	59.83	
	27	72.0	151.2	7.2	111.38	64.8	14.62	319.00	193.19	2	0.908	111.44	
	28	287.6	372.8	207.6	112.56	90.0	28.21	319.61	178.85	2	0.869	141.73	
	29	915.4	1150.5	825.4	113.94	90.0	28.21	320.64	178.48	2	0.869	141.50	
	30	601.4	783.4	511.4	113.44	90.0	28.21	320.17	178.52	2	0.869	141.53	
	31	339.9	519.4	249.9	112.97	90.0	28.21	319.74	178.56	2	0.869	141.52	84.51
Sep.	1	230.7	317.2	130.7	112.35	90.0	28.21	319.40	178.84	2	0.869	141.73	
	2	154.8	241.1	64.8	112.01	90.0	28.21	319.24	179.02	2	0.868	141.85	
	3	137.1	300.5	97.1	111.79	90.0	28.21	319.14	179.14	2	0.868	141.92	
	4	109.0	170.8	19.0	111.62	90.0	28.21	319.07	179.23	2	0.868	141.98	
	5	100.4	156.3	10.4	111.54	90.0	28.21	319.02	179.27	2	0.868	142.00	
	6	91.9	139.1	7.2	111.43	84.7	24.99	319.00	182.56	2	0.905	137.08	
	7	82.4	130.0	7.2	111.34	75.2	19.89	319.00	187.84	2	0.911	126.21	
	8	74.0	119.7	7.2	111.31	66.8	15.54	319.00	192.15	2	0.910	114.47	
	9	67.3	102.7	7.2	111.21	60.1	13.79	319.00	193.31	2	0.903	103.82	
	10	63.5	98.7	7.2	111.17	56.3	11.04	319.00	196.79	2	0.896	97.31	
	11	60.7	93.8	7.2	111.14	53.3	9.97	319.00	197.89	2	0.890	92.33	
	12	56.9	91.3	7.2	111.13	48.7	8.60	319.00	199.27	2	0.879	85.34	
	13	55.1	83.9	7.2	111.07	47.8	7.99	319.00	199.84	2	0.873	81.98	
	14	54.1	81.7	7.2	111.06	46.9	7.66	319.00	200.28	2	0.870	80.09	
	15	52.2	78.5	7.2	111.04	45.0	7.05	319.00	200.90	2	0.863	76.45	
	16	51.3	75.1	7.2	111.01	44.1	6.77	319.00	201.21	2	0.859	74.73	
	17	49.4	70.7	7.2	110.99	43.3	6.30	319.00	201.81	2	0.851	71.05	
	18	47.5	70.7	7.2	110.99	40.3	5.66	319.00	202.36	2	0.843	67.34	
	19	43.7	66.3	7.2	110.96	36.5	5.16	319.00	202.88	1	0.900	69.14	
	20	42.8	63.9	7.2	110.93	35.6	4.41	319.00	203.66	1	0.910	64.67	
	21	41.0	61.9	7.2	110.93	33.8	3.96	319.00	204.10	1	0.912	61.63	
	22	40.0	58.1	7.2	110.90	32.8	3.75	319.00	204.35	1	0.911	59.87	
	23	41.0	61.9	7.2	110.93	33.8	3.96	319.00	204.10	1	0.912	61.63	
	24	32.3	78.5	7.2	111.04	45.0	7.05	319.00	200.90	2	0.863	76.45	
	25	50.4	72.1	7.2	111.01	43.2	6.30	319.00	201.49	2	0.856	72.99	
	26	42.8	70.7	7.2	110.99	35.6	4.41	319.00	203.60	1	0.910	64.43	
	27	40.0	61.9	7.2	110.93	32.8	3.75	319.00	204.33	1	0.911	59.86	
	28	39.1	56.3	7.2	110.89	31.9	3.54	319.00	204.57	1	0.911	58.24	
	29	43.7	56.3	7.2	110.89	36.5	5.16	319.00	202.95	1	0.903	69.16	
	30	42.8	64.1	7.2	110.94	33.6	4.41	319.00	203.65	1	0.910	64.66	
													90.02

Date		Discharge Dam (cms)	Discharge P/H (cms)	RMF over Spillway (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effec. Head h	Units req	Efficiency	Output MW	Monthly Ave. MW
Oct.	1	41.9	64.1	7.2	110.94	34.70	4.19	319.00	203.87	1	0.911	63.17	
	2	36.1	56.2	7.2	110.89	30.90	3.33	319.00	204.79	1	0.909	56.36	
	3	33.9	50.5	7.2	110.85	26.50	2.43	319.00	205.71	1	0.904	47.77	
	4	31.3	50.3	7.2	110.85	24.00	2.01	319.00	206.13	1	0.879	43.43	
	5	34.7	50.5	7.2	110.85	27.50	2.43	319.00	205.52	1	0.900	49.78	
	6	33.7	50.5	7.2	110.85	26.50	2.43	319.00	205.71	1	0.894	47.77	
	7	44.6	61.9	7.2	110.93	38.40	5.41	319.00	202.67	1	0.920	70.42	
	8	83.3	168.6	7.2	111.34	78.30	31.34	319.00	186.52	2	0.910	129.89	
	9	82.4	118.7	7.2	111.31	73.20	18.49	319.00	188.00	2	0.911	126.34	
	10	59.8	98.7	7.2	111.17	52.40	9.64	319.00	198.19	2	0.905	90.95	
	11	44.6	77.3	7.2	111.03	38.40	5.41	319.00	202.56	1	0.920	70.39	
	12	41.0	61.9	7.2	110.93	33.80	3.96	319.00	204.10	1	0.912	61.63	
	13	42.8	61.9	7.2	110.93	35.60	4.41	319.00	203.66	1	0.910	64.67	
	14	41.9	61.9	7.2	110.93	33.80	3.96	319.00	204.10	1	0.912	61.63	
	15	38.1	58.1	7.2	110.90	30.90	3.33	319.00	204.78	1	0.909	56.38	
	16	45.7	78.5	7.2	111.04	38.50	5.16	319.00	202.79	1	0.903	69.11	
	17	249.4	303.4	159.4	112.30	90.00	28.21	319.30	178.99	2	0.868	141.83	
	18	295.2	438.1	265.2	112.77	90.00	28.21	319.58	178.62	2	0.869	141.59	
	19	255.3	478.5	165.3	112.57	90.00	28.21	319.51	178.45	2	0.869	141.47	
	20	252.1	431.1	162.1	113.19	90.00	28.21	319.46	178.28	2	0.868	141.37	
	21	264.7	453.3	174.7	112.72	90.00	28.21	319.33	178.58	2	0.869	141.56	
	22	177.7	303.4	87.7	112.30	90.00	28.21	319.31	178.80	2	0.869	141.71	
	23	176.6	234.9	66.6	111.93	90.00	28.21	319.19	179.05	2	0.868	141.86	
	24	118.5	191.5	28.5	111.74	90.00	28.21	319.11	179.16	2	0.868	141.93	
	25	108.1	183.6	18.1	111.69	90.00	28.21	319.06	179.16	2	0.868	141.94	
	26	93.3	156.3	7.3	111.54	84.99	26.12	319.00	181.34	2	0.902	138.89	
	27	82.4	153.4	7.2	111.52	75.20	19.49	319.00	187.79	2	0.911	126.10	
	28	103.4	142.0	10.4	111.45	90.00	28.21	319.02	179.36	2	0.869	142.00	
	29	103.4	147.7	10.4	111.48	90.00	28.21	319.02	179.33	2	0.868	142.00	
	30	90.9	147.7	7.2	111.48	83.70	24.40	319.00	183.13	2	0.906	136.02	
	31	85.6	135.2	7.2	111.34	73.40	18.76	319.00	188.89	2	0.912	137.84	102.99
Nov.	1	72.0	125.2	7.2	111.34	61.80	13.08	319.00	193.58	2	0.909	113.92	
	2	86.6	138.0	7.2	111.36	73.40	18.76	319.00	188.87	2	0.912	129.85	
	3	95.7	142.0	7.2	111.45	88.80	27.38	319.00	180.27	2	0.900	140.72	
	4	83.3	133.5	7.2	111.40	78.30	21.24	319.00	186.34	2	0.910	130.79	
	5	73.0	114.3	7.2	111.27	63.80	15.08	319.00	192.65	2	0.909	113.96	
	6	64.5	96.3	7.2	111.16	57.30	11.43	319.00	196.41	2	0.898	99.57	
	7	57.8	84.8	7.3	111.11	50.60	8.92	319.00	198.98	2	0.882	87.05	
	8	54.1	83.9	7.2	111.07	44.90	7.66	319.00	200.27	2	0.870	86.08	
	9	51.3	79.5	7.2	111.04	44.10	6.77	319.00	201.18	2	0.870	74.73	
	10	46.0	96.3	7.2	111.16	44.80	6.30	319.00	199.25	2	0.876	83.64	
	11	30.4	83.9	7.2	111.07	41.30	6.30	319.00	201.43	2	0.856	73.94	
	12	44.6	75.1	7.2	111.01	39.40	5.41	319.00	202.58	1	0.900	70.39	
	13	42.8	64.9	7.2	110.94	37.60	4.41	319.00	203.63	1	0.910	64.66	
	14	38.1	61.9	7.2	110.93	31.80	3.54	319.00	204.53	1	0.911	58.23	
	15	38.1	58.1	7.2	110.90	30.90	3.33	319.00	204.76	1	0.909	56.38	
	16	37.2	54.3	7.2	110.87	30.00	3.13	319.00	204.99	1	0.907	54.68	
	17	35.5	61.9	7.2	110.93	28.30	2.79	319.00	205.28	1	0.902	51.35	
	18	32.2	70.7	7.2	110.99	43.60	7.05	319.00	200.96	2	0.863	76.43	
	19	74.0	96.3	7.2	111.16	64.60	15.54	319.00	192.30	2	0.910	114.96	
	20	64.4	81.7	7.2	111.06	59.20	12.21	319.00	195.72	2	0.902	102.59	
	21	53.1	73.1	7.2	111.01	47.50	7.99	319.00	199.99	2	0.874	83.01	
	22	49.4	72.9	7.2	111.00	42.30	6.30	319.00	201.80	2	0.851	71.05	
	23	43.8	66.3	7.2	110.96	36.40	4.67	319.00	203.38	1	0.908	66.27	
	24	37.2	60.0	7.2	110.91	30.00	3.13	319.00	204.93	1	0.907	54.67	
	25	37.2	54.3	7.2	110.87	30.00	3.13	319.00	204.98	1	0.907	54.68	
	26	41.0	54.3	7.2	110.87	33.80	3.96	319.00	204.13	1	0.912	61.64	
	27	37.2	58.1	7.2	110.90	30.00	3.13	319.00	204.97	1	0.907	54.67	
	28	33.7	54.3	7.2	110.87	26.50	2.43	319.00	205.66	1	0.904	47.76	
	29	31.2	44.7	7.2	110.82	24.00	2.01	319.00	206.17	1	0.879	43.43	
	30	38.6	43.9	7.2	110.79	31.40	1.39	319.00	206.61	1	0.859	37.21	
													77.39
Dec.	1	34.1	42.9	7.2	110.79	18.90	1.24	319.00	206.96	1	0.834	31.97	
	2	34.5	54.3	7.2	110.74	17.30	1.04	319.00	207.20	1	0.816	28.66	
	3	33.6	36.7	7.2	110.75	16.40	0.96	319.00	207.29	1	0.807	27.22	
	4	33.0	33.1	7.2	110.74	15.80	0.87	319.00	207.39	1	0.797	25.59	
	5	32.2	33.5	7.2	110.73	15.60	0.78	319.00	207.49	0	0.000	0.00	
	6	33.8	33.5	7.2	110.73	16.40	0.94	319.00	207.31	1	0.807	27.33	
	7	30.6	30.5	7.2	110.71	13.40	0.63	319.00	207.67	0	0.000	0.00	
	8	13.8	28.9	7.2	110.70	12.40	0.55	319.00	207.73	0	0.000	0.00	
	9	18.0	27.4	7.2	110.69	11.80	0.48	319.00	207.83	0	0.000	0.00	
	10	19.8	27.4	7.2	110.69	12.40	0.55	319.00	207.76	0	0.000	0.00	
	11	84.7	98.7	7.2	111.17	69.10	27.90	319.00	179.95	2	0.898	141.79	
	12	108.1	161.9	108.1	112.53	90.00	28.21	319.37	178.63	2	0.869	141.60	
	13	165.5	286.6	75.5	112.27	90.00	28.21	319.27	178.90	2	0.869	141.78	
	14	134.2	258.8	54.2	112.06	90.00	28.21	319.13	178.97	2	0.869	141.73	
	15	93.8	156.3	7.2	111.54	84.40	26.12	319.00	181.34	2	0.902	138.88	
	16	70.1	119.7	7.2	111.31	62.90	13.75	319.00	195.91	2	0.907	108.37	
	17	56.0	105.7	7.2	111.21	48.70	8.60	319.00	199.19	2	0.879	85.30	
	18	52.2	91.3	7.2	111.12	45.00	7.05	319.00	200.82	2	0.863	76.41	
	19	48.5	81.7	7.2	111.06	41.30	5.94	319.00	202.00	2	0.847	69.27	
	20	70.1	73.1	7.2	111.01	62.90	13.75	319.00	194.21	2	0.907	108.35	
	21	98.6	126.0	8.6	111.36	90.00	28.21	319.01	178.44	2	0.869	142.00	
	22	85.3	136.3	7.2	111.41	78.10	21.24	319.00	186.34	2	0.910	130.79	
	23	93.8	208.7	7.2	111.84	84.40	26.12	319.00	181.06	2	0.902	138.89	
	24	111.8	218.8	23.8	111.89	90.00	28.21	319.08	178.99	2	0.868	141.83	
	25	73.8	156.3	7.2	111.54	66.60	16.38	319.00	191.07	2	0.911	117.81	
	26	61.7	125.2	7.2	111.34	54.50	10.34	319.00	197.31	2	0.892	94.08	
	27	51.3	96.3	7.2	111.16	44.10	6.77	319.00	201.07	2	0.858	74.67	
	28	46.6	81.7	7.2	111.06	39.40	5.41	319.00	202.53	1	0.900	70.38	
	29	43.8	72.9	7.2	111.00	36.60	4.67	319.00	203.33	1	0.908	66.25	
	30	34.4	64.1	7.2	110.94	29.20	2.97	319.00	205.09	1	0.905	53.11	
	31	32.9	58.1	7.2	110.90	25.70	2.30	319.00	205.80	1	0.880	45.12	76.59

POWER GENERATION SIMULATION

Year : 1947

Dam Axis E
F.S.L. 319.00 m

Rated Head : 179.30 m
Max. Plant Discharge : 90.00 cms

Installed Capacity : 143.0 MW

Date		Discharge Data (cms)	Discharge F&S (cms)	RMP or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit no/y	Efficie ncy	Output MW	Monthl y Ave. MW
Jan.	1	51.2	56.2	7.2	110.89	24.9	2.01	319.00	206.11	1	0.879	43.62	
	2	30.3	61.9	7.2	110.91	23.1	1.86	319.00	206.22	1	0.873	40.73	
	3	28.4	54.3	7.2	110.87	23.2	1.72	319.00	206.41	1	0.945	58.37	
	4	30.3	54.1	7.2	110.90	23.1	1.84	319.00	206.24	1	0.973	40.74	
	5	39.1	66.3	7.2	110.96	31.9	3.54	319.00	204.30	1	0.911	58.22	
	6	44.7	73.1	7.2	111.01	37.5	4.90	319.00	203.09	1	0.854	67.64	
	7	36.4	61.9	7.2	110.93	29.2	2.97	319.00	205.11	1	0.905	53.12	
	8	30.3	54.3	7.2	110.87	23.1	1.86	319.00	206.27	1	0.873	40.75	
	9	68.9	61.9	7.2	110.93	61.9	5.84	319.00	202.13	3	0.847	68.52	
	10	130.9	83.9	20.9	111.07	90.0	28.21	319.08	178.79	2	0.898	142.00	
	11	74.9	99.7	7.2	111.17	67.7	13.96	319.00	191.87	2	0.911	133.90	
	12	56.0	91.3	7.2	111.12	48.8	8.29	319.00	199.58	3	0.876	83.46	
	13	64.5	61.7	7.2	111.04	57.3	11.43	319.00	196.51	2	0.905	99.12	
	14	118.5	179.7	28.5	111.44	90.0	28.21	319.11	179.26	2	0.898	142.00	
	15	142.3	218.8	52.3	111.89	90.0	28.21	319.30	178.10	2	0.898	141.80	
	16	103.3	159.1	13.3	111.55	90.0	28.21	319.04	179.37	2	0.898	142.00	
	17	74.7	108.6	7.2	111.34	65.5	14.02	319.00	193.94	2	0.911	135.51	
	18	96.7	135.2	7.2	111.34	65.5	27.90	319.00	179.76	2	0.897	141.66	
	19	82.4	139.7	7.2	111.21	75.2	19.69	319.00	188.00	2	0.911	136.34	
	20	75.8	108.6	7.2	111.24	68.6	16.39	319.00	191.37	2	0.911	137.20	
	21	63.3	103.7	7.2	111.21	55.5	10.65	319.00	197.14	2	0.894	95.53	
	22	55.1	83.9	7.2	111.07	47.9	7.99	319.00	199.94	3	0.873	81.98	
	23	69.4	70.7	7.2	110.99	62.3	6.30	319.00	201.81	2	0.951	71.05	
	24	64.7	72.9	7.2	111.00	57.5	4.90	319.00	202.10	1	0.906	67.64	
	25	40.0	61.9	7.2	110.93	32.8	3.75	319.00	204.33	1	0.911	59.86	
	26	57.3	54.3	7.2	110.87	36.9	3.13	319.00	204.89	1	0.897	54.68	
	27	52.9	50.5	7.2	110.85	25.7	2.50	319.00	205.85	1	0.890	46.13	
	28	41.0	50.1	7.2	110.90	33.8	3.84	319.00	204.12	1	0.913	61.64	
	29	43.8	61.9	7.2	110.93	35.6	4.41	319.00	203.66	1	0.910	64.67	
	30	40.0	61.9	7.2	110.93	32.8	3.75	319.00	204.33	1	0.911	59.86	
	31	41.9	60.9	7.2	110.91	33.8	3.96	319.00	204.11	1	0.913	61.45	82.16
Feb.	1	37.2	54.3	7.2	110.87	30.0	3.13	319.00	204.99	1	0.907	54.48	
	2	35.5	52.4	7.2	110.86	26.3	2.79	319.00	205.35	1	0.903	51.97	
	3	34.7	52.4	7.2	110.86	27.5	2.63	319.00	205.51	1	0.899	49.78	
	4	53.7	52.4	7.2	110.86	26.3	2.45	319.00	205.69	1	0.894	47.76	
	5	58.1	54.2	7.2	110.88	30.9	3.35	319.00	204.79	1	0.903	54.38	
	6	90.4	61.9	7.2	110.93	43.2	6.50	319.00	201.58	2	0.856	73.05	
	7	94.9	61.9	7.2	110.93	49.7	8.40	319.00	199.47	2	0.879	83.45	
	8	63.3	143.0	7.2	111.45	54.3	11.06	319.00	194.51	2	0.898	97.15	
	9	69.7	197.5	7.2	111.78	53.5	9.57	319.00	197.26	2	0.849	91.99	
	10	98.2	138.1	7.2	111.43	62.0	13.39	319.00	194.18	2	0.905	106.83	
	11	127.1	182.6	37.1	111.69	90.0	28.21	319.14	179.24	2	0.898	141.99	
	12	143.2	224.9	53.2	111.92	90.0	28.21	319.30	178.07	2	0.898	141.84	
	13	141.3	200.5	51.3	111.79	90.0	28.21	319.20	179.19	2	0.898	141.96	
	14	238.9	330.3	148.9	112.53	90.0	28.21	319.47	178.54	2	0.898	141.79	
	15	176.5	285.2	84.6	112.21	90.0	28.21	319.30	178.86	2	0.898	141.76	
	16	131.3	228.1	51.3	111.94	90.0	28.21	319.12	178.97	2	0.898	141.82	
	17	82.4	170.8	7.2	111.62	75.2	19.69	319.00	187.66	2	0.911	136.04	
	18	80.6	153.4	7.2	111.52	73.4	18.76	319.00	188.72	2	0.912	135.74	
	19	182.8	309.7	92.8	111.84	90.0	28.21	319.33	179.27	2	0.898	142.00	
	20	244.7	327.4	154.7	112.40	90.0	28.21	319.49	178.88	2	0.898	141.76	
	21	248.2	341.9	158.2	112.53	90.0	28.21	319.54	178.81	2	0.898	141.71	
	22	225.8	310.3	135.9	112.33	90.0	28.21	319.44	178.91	2	0.898	141.77	
	23	176.5	266.3	86.6	112.01	90.0	28.21	319.31	179.07	2	0.898	141.84	
	24	166.5	238.1	76.5	111.94	90.0	28.21	319.26	179.13	2	0.898	141.91	
	25	153.7	221.9	65.7	111.91	90.0	28.21	319.24	179.13	2	0.898	141.91	
	26	284.9	286.5	196.9	112.33	90.0	28.21	319.58	179.15	2	0.898	141.93	
	27	234.3	313.7	146.5	112.54	90.0	28.21	319.47	178.92	2	0.898	141.78	
	28	161.6	231.4	71.6	111.94	90.0	28.21	319.26	179.10	2	0.898	141.89	
													115.90
Mar.	1	137.5	203.6	47.5	111.81	90.0	28.21	319.13	179.16	2	0.898	141.94	
	2	159.7	221.9	69.7	111.91	90.0	28.21	319.26	179.14	2	0.898	141.92	
	3	145.1	194.4	55.1	111.76	90.0	28.21	319.21	179.24	2	0.898	141.99	
	4	130.4	182.6	30.4	111.69	90.0	28.21	319.12	179.22	2	0.898	141.97	
	5	108.1	159.1	18.1	111.55	90.0	28.21	319.06	179.30	2	0.898	142.00	
	6	123.3	186.3	33.3	111.73	90.0	28.21	319.13	179.19	2	0.898	141.96	
	7	117.6	188.5	27.6	111.73	90.0	28.21	319.11	179.17	2	0.898	141.94	
	8	102.5	130.4	12.5	111.50	90.0	28.21	319.03	179.32	2	0.898	142.00	
	9	64.2	122.5	7.2	111.35	79.0	23.74	319.00	185.84	2	0.909	150.91	
	10	72.0	103.7	7.2	111.21	64.8	14.42	319.00	195.17	2	0.909	111.45	
	11	64.5	98.7	7.2	111.17	57.3	11.43	319.00	196.99	2	0.898	99.06	
	12	74.9	128.0	7.2	111.36	67.7	13.96	319.00	191.68	2	0.910	115.79	
	13	94.7	150.6	7.2	111.50	89.5	27.90	319.00	179.60	2	0.899	141.58	
	14	77.7	132.5	7.2	111.39	70.5	17.31	319.00	190.36	2	0.911	119.86	
	15	76.7	103.7	7.2	111.21	69.5	14.82	319.00	190.97	2	0.911	118.53	
	16	72.0	96.7	7.2	111.17	64.8	14.42	319.00	191.20	2	0.909	111.47	
	17	76.7	103.7	7.2	111.21	69.5	14.82	319.00	190.97	2	0.911	118.53	
	18	97.7	122.5	7.7	111.33	90.0	28.21	319.00	179.47	2	0.898	142.00	
	19	98.1	122.5	7.2	111.33	91.9	23.36	319.00	184.31	2	0.907	134.20	
	20	73.0	103.7	7.2	111.21	65.6	15.08	319.00	192.72	2	0.909	113.00	
	21	63.5	86.3	7.2	111.09	55.3	10.65	319.00	197.26	2	0.894	95.59	
	22	55.1	79.1	7.2	111.04	47.9	7.99	319.00	199.96	2	0.874	82.00	
	23	50.4	70.7	7.2	110.99	43.2	6.50	319.00	201.52	2	0.856	73.00	
	24	47.5	68.5	7.2	110.97	40.3	5.66	319.00	202.37	2	0.843	67.35	
	25	45.7	64.1	7.2	110.84	39.5	5.16	319.00	202.90	1	0.903	68.14	
	26	42.8	61.8	7.2	110.93	35.6	4.41	319.00	203.66	1	0.910	64.67	
	27	41.0	58.1	7.2	110.90	33.8	3.98	319.00	204.13	1	0.912	61.64	
	28	39.1	54.2	7.2	110.89	31.9	3.54	319.00	204.57	1	0.911	58.24	
	29	38.1	54.3	7.2	110.87	30.9	3.35	319.00	204.80	1	0.908	56.29	
	30	37.2	52.4	7.2	110.86	30.0	3.13	319.00	205.01	1	0.907	54.48	
	31	36.4	50.5	7.2	110.85	29.2	2.97	319.00	205.18	1	0.905	53.14	197.35

Date		Discharge Data (cms)	Discharge F&S (cms)	RMP or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit no/y	Efficie ncy	Output MW	Monthl y Ave. MW
Apr.	1	53.7	48.6	7.2	110.93	24.90	2.45	319.00	205.72	1	0.894	47.77	
	2	32.9	44.7	7.2	110.82	23.70	2.30	319.00	205.88	1	0.890	46.14	
	3	32.0	44.7	7.2	110.82	24.80	2.14	319.00	206.04	1	0.864	44.28	
	4	31.2	44.8	7.2	110.81	24.60	2.01	319.00	206.19	1	0.879	43.64	
	5	29.4	42.9	7.2	110.79	22.50	1.72	319.00	206.49	1	0.866	38.98	
	6	29.4	44.8	7.2	110.81	22.50	1.72	319.00	206.49	1	0.866	38.88	
	7	33.6	42.9	7.2	110.79	21.40	1.59	319.00	206.61	1	0.859	37.21	
	8	27.0	42.9	7.2	110.79	19.80	1.37	319.00	206.84	1	0.844	33.86	
	9	34.1	42.9	7.2	110.79	18.90	1.34	319.00	206.86	1	0.836	31.97	
	10	34.5	41.4	7.2	110.78	17.30	1.04	319.00	207.17	1	0.816	28.66	
	11	23.0	39.7	7.2	110.77	15.80	0.87	319.00	207.36	1	0.797	25.39	
	12	21.4	39.7	21.4	110.77	0.00	0.70	319.00	207.53	0	0.000	0.00	
	13	19.0	39.2	19.0	110.76	0.00	0.68	319.00	207.75	0	0.000	0.00	
	14	18.1	36.7	18.1	110.75	0.00	0.61	319.00	207.84	0	0.000	0.00	
	15	16.5	35.1	16.5	110.74	0.00	0.50	319.00	207.96	0	0.000	0.00	
	16	15.9	33.5	15.9	110.73	0.00	0.36	319.00	208.01	0	0.000	0.00	
	17	18.1	35.1	18.1	110.74	0.00	0.61	319.00	207.85	0	0.000	0.00	
	18	29.4	39.7	7.2	110.77	23.20	1.72	319.00	206.51	1	0.866	34.89	
	19	44.7	50.5	7.2	110.85	37.50	4.90	319.00	203.34	1	0.904	67.69	
	20	37.2	40.0	7.2	110.81	30.00	3.13	319.00	204.95	1	0.907	54.47	
	21	34.7	44.7	7.2	110.82	27.50	2.63	319.00	205.55	1	0.899	49.79	
	22	32.0	44.8	7.2	110.81	24.80	2.14	319.00	206.05	1	0.884	44.29	
	23	28.4	39.7	7.2	110.77	22.20	1.72	319.00	206.51	1	0.866	34.89	
	24	27.0	36.7	7.2	110.75	18.80	1.37	319.00	206.84	1	0.844	33.86	
	25	26.1	33.5	7.2	110.73	18.80	1.34	319.00	207.03	1	0.834	31.99	
	26	24.5	32.0	7.2	110.72	17.30	1.04	319.00	207.24	1	0.816	28.67	
	27	23.0	30.5	7.2	110.71	15.80	0.87	319.00	207.42	1	0.797	25.40	
	28	22.2	33.5	22.2	110.73	0.00	0.78	319.00	207.49	0	0.000	0.00	
	29	21.4	33.5	21.4	110.73	0.00	0.70	319.00	207.57	0	0.000	0.00	
	30	21.4	36.7	21.4	110.75	0.00	0.70	319.00	207.55	0	0.000	0.00	
													27.67
May	1	21.4	33.5	21.4	110.73	0.00	0.70	319.00	207.57	0	0.000	0.00	
	3	22.2	33.5	22.2	110.73	0.00	0.78	319.00	207.49	0	0.000	0.00	
	3	29.4	36.7	7.2	110.75	22.20	1.72	319.00	206.53	1	0.866	34.89	
	4	40.0	54.3	7.2	110.87	32.80	3.75	319.00	204.38	1	0.911	59.86	
	5	43.8	56.2	7.2	110.88	36.60	4.67	319.00	203.45	1	0.908	66.29	
	6	33.7	48.6	7.2	110.83	26.50	2.45	319.00	205.72	1	0.894	47.77	
	7	30.3	42.9	7.2	110.79	23.10	1.86	319.00	206.33	1	0.873	40.77	
	8	26.1	38.2	7.2	110.76	18.90	1.24	319.00	206.99	1	0.834	31.98	
	9	24.5	35.1	7.2	110.74	17.30	1.04	319.00	207.22	1	0.816	28.67	
	10	24.5	33.5	7.2	110.73	17.30	1.04	319.00	207.23	1	0.816	28.67	
	11	23.8	32.0	7.2	110.72	16.40	0.96	319.00	207.32	1	0.807	27.23	
	12	23.0	32.0	7.2	110.72	15.80	0.87	319.00	207.41	1	0.797	25.40	
	13	23.0	33.5	7.2	110.73	15.80	0.87	319.00	207.40	1	0.797	25.40	
	14	22.2	32.0	22.2	110.72	0.00	0.78	319.00	207.50	0	0.000	0.00	
	15	21.4	32.0	21.4	110.72	0.00	0.70	319.00	207.58	0	0.000	0.00	
	16	18.8	27.4	18.8	110.69	0.00	0.53	319.00	207.76	0	0.000	0.00	
	17	18.1	27.4	18.1	110.69	0.00	0.61	319.00	207.90	0	0.000	0.00	
	18	18.8	30.5	18.8	110.71	0.00	0.53	319.00	207.74	0	0.000	0.00	
	19	56.9	60.0	7.2	110.91	49.70	8.80	319.00	199.49	2	0.879	83.45	
	20	68.3	125.2	7.2	111.34	61.10	13.00	319.00	194.65	2	0.906	103.41	
	21	45.7	93.6	7.2	111.14	38.50	5.16	319.00	202.70	1	0.903	69.08	
	22	41.0	68.5	7.2	110.97	33.80	3.98	319.00	204.05	1	0.912	61.62	
	23	40.0	77.3	7.2	111.03	32.80	3.75	319.00	204.22	1	0.911	59.85	
	24	41.0	83.9	7.2	111.07	33.80	3.96	319.00	203.99	1	0.912	61.58	
	25	39.1	77.3	7.2	111.03	31.90	3.54	319.00	204.43	1	0.911	58.20	
	26	37.2	58.1	7.2	110.90	30.00	3.13	319.00	204.97	1	0.907	54.47	
	27	32.0	43.6	7.2	110.83	24.80	2.14	319.00	206.02	1	0.864	44.28	
	28	30.3	42.9	7.2	110.79	23.10	1.86	319.00	206.35	1	0.873	40.77	
	29	27.8	39.7	7.2	110.77	20.60	1.48	319.00	206.75	1	0.851	35.54	
	30	26.1	36.7	7.2	110.75	18.90	1.24	319.00	207.01	1	0.834	31.98	
	31	32.0	33.5	7.2	110.73	15.80	0.87	319.00	207.40	1	0.797	25.40	37.27
Jun.	1	21.4	32.0	21.4	110.72	0.00	0.70	319.00	207.58	0	0.000	0.00	
	2	20.6	30.5	20.6	110.71	0.00	0.63	319.00	207.67	0	0.000	0.00	
	3	19.0	30.5	19.0	110.71	0.00	0.48	319.00	207.81	0	0.000	0.00	
	4	18.1	28.9	18.1	110.70	0.00	0.41	319.00	207.89	0	0.000	0.00	
	5	16.5	27.4	16.5	110.69	0.00	0.30	319.00	208.01	0	0.000	0.00	
	6	15.8	27.4	15.8	110.69	0.00	0.26	319.00	208.06	0	0.000	0.00	
	7	16.5	27.4	16.5	110.69	0.00	0.30	319.00	208.01	0	0.000	0.00	
	8	17.4	27.4	17.4	110.69	0.00	0.36	319.00	207.95	0	0.000	0.00	
	9	16.5	24.9	16.5	110.67	0.00	0.30	319.00	208.03	0	0.000	0.00	
	10	16.5	24.9	16.5	110.67	0.00	0.30	319.00	208.03	0	0.000	0.00	
	11	23.0	33.5	7.2	110.73	15.80	0.87	319.00	207.40	1	0.797	25.40	
	12	32.9	41.9	7.2	110.83	23.70	2.30	319.00	205.77	1	0.880	44.11	
	13	57.8	128.0	7.2	111.36	50.60	8.92	319.00	198.72	2	0.882	86.90	
	14	197.5	248.8	47.5	111.89	90.00	28.21	319.18	179.08	2	0.898	141.89	
	15	161.6	263.8	71.6	112.12	90.00	28.21	319.26	178.93	2	0.898	141.79	
	16	100.4	182.6	10.4	111.69	90.00	28.21	319.02	179.12	2	0.898	141.91	
	17	81.5	122.5	7.2	111.33	74.30	19.29	319.00	188.45	2	0.911	135.06	
	18	73.0	103.7	7.2	111.21	65.80	15.08	319.00	192.72	2	0.909	113.00	
	19	63.5	84.3	7.2	111.09	56.30	11.04	319.00	196.87	2	0.896	97.36	
	20	53.2	82.7	7.2	111.06	46.00	7.57	319.00	202.57	2	0.847	78.57	
	21	48.4	77.3	7.2	111.03	42.20	6.20	319.00	201.77	2	0.851	71.05	
	22	60.7	84.3	7.2	111.09	53.50	9.97	319.00	197.84	2	0.900	92.36	
	23	79.6	108.6	7.2	111.24	72.40	18.26	319.00	189.51	2	0.912	122.98	
	24	82.4	139.7	7.2	111.31	75.20	19.69	319.00	188.00	2	0.911	136.24	
	25	71.1	114.2	7.2	111.27	63.90	14.22	319.00	193.51	2	0.908	109.99	
	26	63.5	101.2	7.2	111.19	54.70	11.04	319.00	196.77	2	0.896	97.30	
	27	55.1	91.3	7.2	111.12	47.90	7.99	319.00	199.89	2	0.873	81.96	
	28	50.4	79.5	7.2	111.04	43.20	6.50	319.00	201.46	2	0.856	72.97	
	29	47.5	75.1	7.2	111.01	40.30	5.66	319.00	202.33	2	0.843	67.33	
	30	44.7	70.7	7.2	110.99	37.50	4.90	319.00	203.12	1	0.906	67.65	
													63.98

POWER GENERATION SIMULATION

Dam As-b B — Rated Head : 179.30 m — Installed Capacity : 143.0 MW

Year : 1947 — F.S.L.= 319.00 m — Min. Plant Discharge : 90.00 cms

Date		Discharge Dam (cms)	Discharge P&S (cms)	R.M.P or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Effic ncy	Output MW	Monthly Ave. MW
Jul.	1	42.8	64.1	7.2	110.94	53.6	4.41	319.00	209.65	1	0.910	64.66	
	2	41.9	61.9	7.2	110.93	54.7	4.39	319.00	209.98	1	0.911	63.17	
	3	77.3	77.3	7.2	111.25	70.5	17.31	319.00	180.66	2	0.911	120.07	
	4	240.4	296.6	172.4	113.27	90.0	29.21	319.40	179.00	3	0.998	141.84	
	5	198.1	349.6	108.1	113.54	90.0	29.21	319.37	178.42	2	0.999	141.59	
	6	143.3	241.1	53.3	113.01	90.0	29.21	319.30	178.99	2	0.998	141.83	
	7	84.8	142.0	7.2	111.57	87.6	26.73	319.03	180.70	2	0.901	129.81	
	8	74.9	125.2	7.2	111.34	45.7	13.96	319.00	151.69	2	0.810	115.80	
	9	43.5	108.7	7.2	111.21	54.3	11.04	319.00	156.76	2	0.896	97.20	
	10	55.1	83.9	7.2	111.07	47.9	7.99	319.00	159.84	2	0.873	81.98	
	11	50.4	77.3	7.2	111.03	43.2	6.30	319.00	201.47	2	0.856	72.98	
	12	64.6	70.7	7.2	110.99	56.4	5.41	319.00	202.61	1	0.900	70.40	
	13	45.7	66.3	7.2	110.96	38.5	5.16	319.00	202.88	1	0.905	68.14	
	14	42.8	61.9	7.2	110.93	35.6	4.41	319.00	203.66	1	0.910	64.67	
	15	41.0	58.1	7.2	110.90	33.8	3.98	319.00	204.12	1	0.913	61.64	
	16	40.0	54.5	7.2	110.87	32.8	3.75	319.00	204.38	1	0.911	59.88	
	17	39.1	54.5	7.2	110.87	31.9	3.54	319.00	204.58	1	0.911	58.35	
	18	34.1	54.5	7.2	110.87	30.9	3.33	319.00	204.80	1	0.909	54.39	
	19	34.1	54.5	7.2	110.87	30.9	3.33	319.00	204.80	1	0.909	54.39	
	20	34.4	50.5	7.2	110.83	30.2	2.97	319.00	205.18	1	0.905	53.14	
	21	33.5	48.6	7.2	110.83	28.3	2.79	319.00	205.38	1	0.902	51.38	
	22	34.7	44.7	7.2	110.82	27.5	2.63	319.00	205.55	1	0.899	49.79	
	23	32.9	44.7	7.2	110.82	25.7	2.30	319.00	205.90	1	0.895	46.14	
	24	32.0	44.7	7.2	110.82	24.8	2.14	319.00	206.04	1	0.894	44.29	
	25	31.3	42.9	7.2	110.79	24.0	2.01	319.00	206.20	1	0.879	42.64	
	26	29.4	42.9	7.2	110.79	22.2	1.72	319.00	206.49	1	0.866	38.95	
	27	35.5	48.6	7.2	110.83	28.3	2.79	319.00	205.38	1	0.902	51.38	
	28	53.2	66.3	7.2	110.96	44.0	7.57	319.00	200.66	2	0.867	73.42	
	29	65.7	83.8	7.2	111.11	57.5	9.97	319.00	197.62	2	0.880	92.35	
	30	57.8	105.7	7.2	111.31	50.6	8.92	319.00	198.86	2	0.882	84.98	
	31	51.3	88.9	7.2	111.11	44.1	6.77	319.00	201.12	2	0.859	74.49	71.09
Aug.	1	218.9	302.0	128.9	112.28	90.0	26.51	319.43	178.93	2	0.998	141.79	
	2	236.8	423.5	146.8	112.73	90.0	26.21	319.47	178.54	2	0.889	141.54	
	3	132.8	351.5	61.8	112.49	90.0	26.21	319.23	178.54	2	0.899	141.54	
	4	130.9	191.5	58.9	111.74	90.0	26.21	319.08	179.13	2	0.898	141.91	
	5	88.2	144.9	7.2	111.47	81.0	22.05	319.00	184.48	2	0.908	133.11	
	6	82.4	130.7	7.2	111.38	75.2	19.49	319.00	187.93	2	0.911	126.19	
	7	83.4	134.3	7.2	111.41	76.2	20.32	319.00	187.36	2	0.911	127.44	
	8	87.2	130.7	7.2	111.38	80.0	23.29	319.00	185.33	2	0.909	132.04	
	9	94.8	147.9	7.2	111.48	87.6	26.73	319.00	180.79	2	0.901	139.87	
	10	131.8	212.7	43.8	111.86	90.0	26.21	319.16	179.09	2	0.898	141.89	
	11	182.4	310.3	102.4	112.35	90.0	26.21	319.35	178.82	2	0.899	141.72	
	12	182.4	300.0	102.4	112.26	90.0	26.21	319.35	178.84	2	0.899	141.75	
	13	144.2	223.9	54.2	111.91	90.0	26.21	319.21	179.09	2	0.898	141.88	
	14	134.7	179.6	34.7	111.67	90.0	26.21	319.09	179.21	2	0.898	141.97	
	15	94.8	150.6	7.2	111.50	87.6	26.73	319.00	180.77	2	0.901	139.86	
	16	82.5	130.7	7.2	111.38	78.1	23.54	319.00	186.39	2	0.910	128.80	
	17	77.7	116.9	7.2	111.25	73.3	17.31	319.00	180.40	2	0.911	119.90	
	18	70.1	108.6	7.2	111.34	65.9	13.78	319.00	180.96	2	0.907	108.41	
	19	63.4	96.3	7.2	111.16	58.2	11.80	319.00	196.05	2	0.900	100.62	
	20	59.8	88.8	7.2	111.11	52.6	9.64	319.00	198.26	2	0.880	90.71	
	21	56.9	83.9	7.2	111.07	49.7	8.40	319.00	199.32	2	0.879	83.57	
	22	54.1	79.5	7.2	111.04	46.9	7.66	319.00	200.29	2	0.870	80.69	
	23	53.2	72.9	7.2	111.00	46.0	7.37	319.00	200.63	2	0.867	78.40	
	24	50.4	70.7	7.2	110.99	43.2	6.30	319.00	201.53	2	0.856	72.00	
	25	44.7	68.5	7.2	110.97	37.5	4.80	319.00	203.13	1	0.906	67.65	
	26	43.8	68.5	7.2	110.97	36.6	4.67	319.00	203.34	1	0.905	66.26	
	27	50.4	70.7	7.2	110.99	43.2	6.30	319.00	201.52	3	0.835	73.00	
	28	66.4	81.7	7.2	111.06	59.2	12.21	319.00	195.73	2	0.902	102.39	
	29	59.8	83.9	7.2	111.07	52.6	9.64	319.00	198.29	2	0.888	90.73	
	30	48.5	75.1	7.2	111.01	41.3	5.84	319.00	202.04	2	0.847	69.29	
	31	43.8	68.7	7.2	111.17	36.6	4.67	319.00	202.16	1	0.908	66.20	112.14
Sep.	1	136.2	159.1	36.2	111.55	90.0	26.21	319.14	179.38	2	0.998	142.00	
	2	546.7	997.7	476.7	115.74	90.0	26.21	320.11	179.16	2	0.999	141.90	
	3	503.7	842.4	418.7	115.54	90.0	26.21	320.01	178.27	2	0.999	141.34	
	4	331.6	531.8	261.6	113.02	90.0	26.21	319.72	178.51	2	0.999	141.52	
	5	220.1	330.9	130.1	113.41	90.0	26.21	319.43	178.81	2	0.999	141.71	
	6	122.8	247.6	62.8	112.84	90.0	26.21	319.23	178.99	2	0.998	141.83	
	7	120.4	200.5	30.4	111.79	90.0	26.21	319.11	179.11	2	0.998	141.91	
	8	111.8	182.6	21.8	111.69	90.0	26.21	319.08	179.18	2	0.998	141.95	
	9	112.0	170.8	22.0	111.62	90.0	26.21	319.08	179.25	2	0.998	141.99	
	10	147.1	185.5	57.1	111.71	90.0	26.21	319.22	179.30	2	0.998	142.00	
	11	121.5	173.7	31.5	111.64	90.0	26.21	319.12	179.27	2	0.998	142.00	
	12	93.8	130.6	7.2	111.50	64.6	24.12	319.00	181.38	2	0.932	138.91	
	13	73.0	136.3	7.2	111.41	63.8	15.06	319.00	192.51	2	0.920	132.87	
	14	84.2	120.7	7.2	111.30	78.0	21.74	319.00	185.89	2	0.919	130.87	
	15	96.7	133.5	7.2	111.40	89.5	27.90	319.00	179.71	2	0.999	141.65	
	16	86.2	142.0	7.2	111.45	78.0	21.74	319.00	185.61	2	0.920	130.83	
	17	105.2	136.3	13.2	111.41	90.0	26.21	319.05	179.42	2	0.998	142.00	
	18	107.6	132.6	77.6	111.39	90.5	26.21	319.28	179.38	2	0.998	142.00	
	19	395.1	434.6	305.1	112.76	90.0	26.21	319.81	178.84	2	0.999	141.79	
	20	522.4	988.9	432.4	115.29	90.0	26.21	320.04	178.54	2	0.999	141.54	
	21	331.6	477.4	261.6	113.82	90.0	26.21	319.72	178.69	2	0.999	141.64	
	22	236.5	351.3	166.5	113.49	90.0	26.21	319.47	178.77	2	0.999	141.69	
	23	317.7	306.9	227.7	113.31	90.0	26.21	319.42	178.90	2	0.998	141.77	
	24	401.1	544.3	311.1	113.02	90.0	26.21	319.52	178.58	2	0.999	141.57	
	25	430.5	980.9	350.5	115.62	90.0	26.21	319.86	178.63	2	0.999	141.21	
	26	402.6	741.0	312.6	115.41	90.0	26.21	319.82	178.20	2	0.999	141.22	
	27	323.8	540.7	233.8	113.06	90.0	26.21	319.66	178.40	2	0.999	141.45	
	28	276.4	495.6	186.4	113.92	90.0	26.21	319.54	178.43	2	0.999	141.47	
	29	261.2	457.4	171.2	112.82	90.0	26.21	319.53	178.50	2	0.999	141.51	
	30	269.4	427.1	179.4	112.74	90.0	26.21	319.53	178.40	3	0.999	141.58	139.91

Date		Discharge Dam (cms)	Discharge P&S (cms)	R.M.P or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Effic ncy	Output MW	Monthly Ave. MW
Oct.	1	228.5	433.5	158.5	112.73	90.00	26.21	319.47	178.51	2	0.899	141.52	
	2	216.6	390.9	126.6	112.63	90.00	26.21	319.42	178.58	2	0.999	141.57	
	3	213.4	363.7	123.4	112.60	90.00	26.21	319.41	178.60	2	0.999	141.58	
	4	241.2	419.9	171.2	113.72	90.00	26.21	319.53	178.60	2	0.999	141.58	
	5	239.6	401.8	149.6	113.66	90.00	26.21	319.50	178.63	2	0.999	141.60	
	6	209.8	364.6	114.8	113.44	90.00	26.21	319.39	178.71	2	0.999	141.65	
	7	163.9	305.4	93.9	113.29	90.00	26.21	319.33	178.82	2	0.999	141.72	
	8	194.7	377.4	104.7	113.60	90.00	26.21	319.36	178.75	2	0.999	141.68	
	9	260.5	418.0	175.5	113.72	90.00	26.21	319.53	178.61	2	0.999	141.58	
	10	258.9	398.2	168.9	113.65	90.00	26.21	319.47	178.61	2	0.999	141.59	
	11	196.9	324.0	106.9	113.39	90.00	26.21	319.37	178.77	2	0.999	141.69	
	12	163.6	278.7	73.6	113.13	90.00	26.21	319.27	178.84	2	0.998	141.76	
	13	157.5	254.9	67.5	111.92	90.00	26.21	319.19	179.05	2	0.998	141.84	
	14	138.4	208.5	38.4	111.79	90.00	26.21	319.11	179.11	2	0.998	141.90	
	15	107.2	192.6	17.2	111.69	90.00	26.21	319.06	179.16	2	0.998	141.93	
	16	94.7	147.8	7.2	111.61	88.50	27.86	319.00	178.50	2	0.999	141.51	
	17	86.2	153.4	7.2	111.51	81.00	22.85	319.00	184.63	2	0.908	133.08	
	18	92.9	147.7	7.2	111.48	85.70	25.58	319.00	181.94	2	0.903	130.05	
	19	98.6	153.4	8.6	111.52	90.00	26.21	319.01	179.28	2	0.998	142.00	
	20	117.6	175.7	27.6	111.64	90.00	26.21	319.11	179.36	2	0.998	142.00	
	21	151.9	194.4	61.9	111.76	90.00	26.21	319.23	179.26	2	0.998	142.00	
	22	128.9	155.5	38.9	111.71	90.00	26.21	319.15	179.34	2	0.998	141.98	
	23	113.8	178.9	23.8	111.62	90.00	26.21	319.09	179.36	2	0.998	142.00	
	24	125.2	164.9	35.2	111.59	90.00	26.21	319.14	179.34	2	0.998	142.00	
	25	649.9	732.4	559.9	113.39	90.00	26.21	320.23	178.64	2	0.998	141.61	
	26	661.1	843.4	571.1	113.54	90.00	26.21	320.26	178.51	2	0.999	141.52	
	27	498.3	598.0	378.3	113.13	90.00	26.21	319.94	178.80	2	0.999	141.58	
	28	311.2	594.5	221.2	112.64	90.00	26.21	319.64	178.79	2	0.999	141.70	
	29	234.2	295.1	134.2	112.25	90.00	26.21	319.41	178.95	2	0.998	141.80	
	30	176.6	234.1	86.6	112.07	90.00	26.21	319.31	179.03	2	0.998	141.85	
	31	156.7	224.9	66.7	111.92	90.00	26.21	319.25	179.11	2	0.998	141.91	141.32
Nov.	1	142.3	206.6	52.3	111.85	90.00	26.21	319.20	179.16	2	0.998	141.94	
	2	151.9	206.6	61.9	111.83	90.00	26.21	319.23	179.20	2	0.998	141.86	
	3	227.6	247.6	107.6	112.04	90.00	26.21	319.32	179.27	2	0.998	142.00	
	4	262.3	338.3	172.3	112.51	90.00	26.21	319.57	178.81	2	0.999	141.71	
	5	201.4	310.3	111.4	112.33	90.00	26.21	319.38	178.84	2	0.999	141.73	
	6	162.6	240.3	72.6	112.10	90.00	26.21	319.27	178.95	2	0.998	141.80	
	7	137.5	218.6	47.5	111.99	90.00	26.21	319.18	179.08	2	0.998	141.99	
	8	139.4	188.5	28.4	111.75	90.00	26.21	319.11	179.18	2	0.998	141.95	
	9	168.2	170.8	14.2	111.63	90.00	25.21	319.05	179.22	2	0.998	141.97	
	10	98.6	157.4	8.6	111.52	90.00	26.21	319.01	179.28	2	0.998	142.00	
	11	90.9	142.0	7.2	111.45	83.70	24.40	319.00	180.15	2	0.906	136.04	
	12	83.4	130.7	7.2	111.38	76.20	20.22	319.00	187.40	2	0.911	127.47	
	13	78.7	125.2	7.2	111.34	71.50	17.00	319.00	189.85	2	0.912	121.27	
	14	75.8	119.7	7.2	111.31	68.60	16.39	319.00	191.30	2	0.911	117.15	
	15	73.0	114.2	7.2	111.27	65.80	15.68	319.00	192.65	2	0.909	113.94	
	16	68.3	108.6	7.2	111.24	62.60	13.39	319.00	194.36	2	0.906	106.95	
	17	65.4	98.7	7.2	111.17	58.20	11.80	319.00	196.05	2	0.900	100.62	
	18	60.7	91.3	7.2	111.12	53.50	9.97	319.00	197.91	2	0.890	92.34	
	19	56.0	84.8	7.2	111.11	48.80	8.29	319.00	199.40	2	0.876	83.66	
	20	53.2	84.6	7.2	111.11	45.00	7.05	319.00	200.64	2	0.863	76.42	
	21	51.3	84.3	7.2	111.00	44.10	6.77	319.00	201.14	2	0.859	74.70	
	22	49.4	83.9	7.2	111.07	43.20	6.30	319.00	201.72	2	0.851	71.02	
	23	49.4	83.9	7.2	111.07	43.20	6.30	319.00	201.72	2	0.851	71.02	
	24	51.3	83.9	7.2	111.07	44.10	6.77	319.00	201.15	2	0.859	74.70	
	25	52.2	91.3	7.2	111.12	45.00	7.05	319.00	200.82	2	0.863	76.42	
	26	52.2	84.8	7.2	111.11	45.00	7.05	319.00	200.84	2	0.863	76.42	
	27	49.4	84.3	7.2	111.00	43.20	6.30	319.00	201.71	2	0.851	71.01	
	28	47.5	79.5	7.2	111.04	40.30	5.66	319.00	202.30	2	0.843	67.32	
	29	44.6	73.1	7.2	111.01	38.40	5.41	319.00	202.55	1	0.900	70.39	
	30	44.6	73.1	7.2	111.01	38.40	5.41	319.00	202.54	1	0.900	70.39	107.24
Dec.	1	43.7	73.1	7.2	111.01	36.50	5.16	319.00	202.82	1	0.900	69.12	
	3	55.1	83.9	7.2	111.07	47.90	7.99	319.00	199.94	2	0.873	81.98	
	3	84.8	135.2	7.2	111.34	67.60	26.73	319.00	180.93	2	0.901	129.96	
	4	77.7	119.7	7.2	111.31	70.50	17.31	319.00	180.38	2	0.911	119.89	
	5	63.5	114.2	7.2	111.27	56.30	11.04	319.00	194.09	2	0.896	97.25	
	6	53.3	61.7	7.2	111.04	44.00	7.37	319.00	200.37	2	0.867	78.37	
	7	46.6	70.7	7.2	110.99	39.40	5.41	319.00	202.61	1	0.900	70.40	
	8	44.7	64.3	7.2	110.96	37.50	4.80	319.00	203.15	1	0.906	67.66	
	9	44.6	64.1	7.2	110.94	38.40	5.41	319.00	202.63	1	0.900	70.41	
	10	178.7	240.5	88.7	112.10	90.00	26.21	319.31	179.00	2	0.998	141.84	
	11	331.8	317.2	141.8	112.55	90.00	26.21	319.46	178.89	2	0.998	141.76	
	12	158.7	268.7	68.7	111.84	90.00	26.21	319.25	179.20	2	0.998	141.96	
	13	106.2	164.9	16.2	111.59	90.00	26.21	319.05	179.25	2	0.998	142.00	
	14	90.9	136.0	7.2	111.34	83.70	24.40	319.00	180.34	2	0.905	136.19	
	15	77.7	116.9	7.2	111.20	70.50	17.31	319.00	190.40	2	0.911	119.90	
	16	63.5	125.2	7.2	111.34	56.30	11.04	319.00	194.62	2	0.896	97.21	
	17	63.4	142.0	7.2	111.45	56.20	11.80	319.00	195.75	2	0.900	100.45	
	18	98.5	139.1	9.5	111.35	90.00	26.21	319.02	179.25	2	0.998	141.99	
	19	87.2	153.4	7.2	111.52	80.00	22.29	319.00	185.19	2	0.908	131.94	
	20	75.8	130.0	7.2	111.36	68.60	14.90	319.00	191.25	2	0.911	117.13	
	21	63.4	134.2	7.2	111.27	58.20	11.80	319.00	195.93	2	0.900	100.56	
	22	64.5	108.6	7.2	111.24	57.30	11.43	319.00	194.51	2	0.898	99.02	
	23	61.7	108.7	7.2	111.21	54.50	10.34	319.00	197.43	2	0.892	96.10	
	24	59.8	105.7	7.2	111.21	52.60	9.64	319.00	198.16	2	0.888	92.66	
	25	54.0	93.8	7.2	111.14	46.90	8.29	319.00	199.37	2	0.876	83.88	
	26	55.1	83.9	7.2	111.07	47.90	7.99	319.00	199.94	2	0.873	81.98	
	27	54.1	93.5	7.2	111.07	44.90	7.66	319.00	200.27	2	0.870	80.08	
	28	62.5	83.9	7.2	111.07	53.30	10.05	319.00	197.28	2	0.894	95.05	
	29	114.7	122.3	24.7	111.33	90.00	26.21	319.19	179.54	2	0.998	142.00	
	30	130.9	298.7	30.9	112.34	90.00	26.21	319.08	178.63	2	0.999	141.40	
	31	63.5	204.6	7.2	111.93	78.10	21.26	319.00	185.87	2	0.910	130.51	107.84

POWER GENERATION SIMULATION

Year : 1948

Dam Axis B — F.S.L. = 319.00 m — Rated Head : 179.30 m — Min. Plant Discharge : 80.00 cms — Installed Capacity : 143.0 MW

Date		Discharge Dam (cms)	Discharge P/H (cms)	RAD or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Efficie ncy	Output MW	Monthly Ave. MW
Jan.	1	90.1	135.2	7.2	111.34	63.9	13.78	319.00	195.88	2	0.907	106.33	
	2	84.9	108.6	7.2	111.34	49.7	8.43	319.00	199.16	2	0.878	85.39	
	3	92.4	99.7	7.2	111.17	43.2	6.50	319.00	201.33	2	0.835	72.82	
	4	46.6	99.7	7.2	111.17	39.4	5.41	319.00	202.42	1	0.900	70.35	
	5	84.9	108.6	7.2	111.34	49.7	8.00	319.00	199.16	2	0.878	85.39	
	6	53.1	106.2	7.2	111.22	47.9	7.59	319.00	199.79	2	0.873	81.91	
	7	90.4	94.5	7.2	111.16	45.2	6.92	319.00	201.34	2	0.835	72.92	
	8	44.6	83.9	7.2	111.07	39.4	5.41	319.00	202.32	1	0.900	70.36	
	9	43.6	72.9	7.2	111.00	34.6	4.67	319.00	203.33	1	0.908	64.23	
	10	41.9	66.3	7.5	110.96	34.7	4.19	319.00	203.85	1	0.911	63.16	
	11	58.1	66.3	7.2	110.96	51.9	5.54	319.00	204.50	1	0.911	58.22	
	12	57.2	66.3	7.2	110.96	50.0	5.13	319.00	204.91	1	0.907	54.46	
	13	33.5	99.1	7.2	110.90	38.9	2.79	319.00	205.51	1	0.902	51.36	
	14	34.7	61.9	7.2	110.93	27.5	2.63	319.00	205.44	1	0.869	49.76	
	15	32.9	58.1	7.2	110.90	23.7	2.30	319.00	205.80	1	0.900	44.12	
	16	30.3	48.6	7.2	110.83	23.1	1.86	319.00	206.31	1	0.873	43.76	
	17	32.9	52.4	7.2	110.86	23.7	2.30	319.00	205.84	1	0.890	44.13	
	18	32.0	52.4	7.2	110.86	24.8	2.14	319.00	206.00	1	0.894	44.28	
	19	32.9	99.7	7.2	111.17	23.7	2.30	319.00	205.53	1	0.890	44.05	
	20	40.0	133.4	7.2	111.32	33.8	3.75	319.00	203.72	1	0.911	59.69	
	21	84.2	234.9	7.2	111.93	79.0	21.36	319.00	185.34	2	0.910	130.52	
	22	142.3	313.7	52.5	112.34	90.0	38.21	319.20	178.63	2	0.899	141.61	
	23	154.8	317.2	64.8	112.35	90.0	38.21	319.24	178.68	2	0.899	141.63	
	24	146.1	250.8	56.1	112.06	90.0	38.21	319.21	178.95	2	0.898	141.80	
	25	137.1	212.7	37.1	111.86	90.0	38.21	319.14	179.07	2	0.898	141.86	
	26	133.8	185.5	23.8	111.71	90.0	38.21	319.09	179.17	2	0.898	141.84	
	27	133.8	179.6	23.8	111.67	90.0	38.21	319.09	179.20	2	0.898	141.86	
	28	88.2	156.5	7.2	111.54	81.0	23.05	319.00	184.61	2	0.908	132.07	
	29	75.8	122.5	7.2	111.33	68.6	16.39	319.00	191.28	2	0.911	117.14	
	30	66.3	104.3	7.2	111.22	61.1	13.00	319.00	194.78	2	0.904	105.48	
	31	83.2	136.2	7.2	111.41	76.1	21.24	319.00	186.34	2	0.910	120.78	84.41
Feb.	1	72.0	130.7	7.2	111.38	64.8	14.62	319.00	190.00	2	0.908	111.24	
	2	64.3	103.7	7.2	111.21	57.3	11.43	319.00	196.36	2	0.898	99.04	
	3	83.4	111.4	7.2	111.26	75.2	19.48	319.00	188.05	3	0.911	126.27	
	4	84.2	119.7	7.2	111.31	61.0	22.05	319.00	184.84	2	0.908	133.22	
	5	78.7	142.0	7.2	111.45	71.5	17.60	319.00	189.75	2	0.912	131.20	
	6	70.1	130.0	7.2	111.36	62.9	13.78	319.00	193.84	2	0.907	108.33	
	7	63.5	119.7	7.2	111.31	54.3	11.04	319.00	196.65	2	0.896	97.23	
	8	59.8	136.3	7.2	111.41	52.6	9.64	319.00	197.89	2	0.887	90.35	
	9	66.4	173.7	7.2	111.64	59.2	13.21	319.00	195.15	2	0.901	102.05	
	10	77.7	183.0	7.2	111.57	70.5	17.31	319.00	190.12	2	0.911	119.72	
	11	84.2	147.7	7.2	111.48	79.0	21.36	319.00	185.75	2	0.909	130.80	
	12	94.8	147.7	7.2	111.48	87.6	24.75	319.00	180.79	2	0.901	139.87	
	13	103.3	191.5	13.3	111.74	90.0	28.21	319.04	179.08	2	0.898	141.89	
	14	106.2	185.5	16.2	111.71	89.8	28.21	319.05	179.13	2	0.898	141.92	
	15	178.6	334.3	84.6	112.42	90.0	28.21	319.31	178.66	2	0.899	141.63	
	16	287.3	467.9	197.3	112.90	90.0	28.21	319.59	178.66	2	0.899	141.50	
	17	325.9	507.3	235.9	113.01	90.0	28.21	319.44	178.42	2	0.899	141.59	
	18	182.9	330.6	92.8	112.37	90.0	28.21	319.35	178.75	2	0.899	141.67	
	19	159.7	240.5	69.7	112.10	90.0	28.21	319.26	178.84	2	0.898	141.80	
	20	141.3	224.9	51.3	111.92	90.0	28.21	319.20	179.04	2	0.898	141.87	
	21	142.3	200.7	52.3	111.84	90.0	28.21	319.20	179.15	2	0.898	141.93	
	22	125.2	191.5	35.2	111.74	90.0	28.21	319.14	179.18	2	0.898	141.95	
	23	111.8	164.9	21.8	111.59	90.0	28.21	319.08	179.28	2	0.898	142.00	
	24	102.3	163.0	13.3	111.57	90.0	28.21	319.03	179.25	2	0.898	141.99	
	25	98.6	156.3	8.6	111.54	90.0	28.21	319.01	179.26	2	0.898	142.00	
	26	113.8	147.7	23.8	111.48	90.0	28.21	319.09	179.39	2	0.898	142.00	
	27	157.3	204.6	67.3	111.83	90.0	28.21	319.25	179.21	2	0.898	141.97	
	28	186.2	257.3	96.2	112.09	90.0	28.21	319.34	179.04	2	0.898	141.86	
	29	227.1	330.9	137.1	113.41	90.0	28.21	319.44	178.82	2	0.899	141.72	
													130.72
Mar.	1	217.7	337.7	127.7	113.44	90.0	28.21	319.42	178.77	2	0.899	141.69	
	2	205.6	283.2	115.6	113.21	90.0	28.21	319.38	178.97	2	0.898	141.81	
	3	173.8	231.4	83.8	111.94	90.0	28.21	319.24	179.07	2	0.898	141.84	
	4	136.0	179.6	46.0	111.67	90.0	28.21	319.13	179.26	2	0.898	142.00	
	5	134.3	153.4	44.3	111.52	90.0	28.21	319.04	179.31	2	0.898	142.00	
	6	89.1	133.5	7.2	111.40	81.9	23.36	319.00	184.24	2	0.907	134.13	
	7	73.8	119.7	7.2	111.31	66.6	14.39	319.00	191.30	2	0.911	117.13	
	8	66.4	111.4	7.2	111.26	59.2	12.21	319.00	195.54	2	0.902	102.27	
	9	64.5	103.7	7.2	111.21	57.3	11.43	319.00	196.34	2	0.898	99.04	
	10	63.4	130.0	7.2	111.36	58.2	11.80	319.00	195.84	2	0.900	100.51	
	11	200.2	303.4	130.1	112.30	90.0	28.21	319.37	178.87	2	0.899	141.75	
	12	252.4	319.4	202.4	112.97	90.0	28.21	319.60	178.42	2	0.899	141.46	
	13	149.0	337.7	99.0	113.44	90.0	28.21	319.22	178.56	2	0.898	141.56	
	14	121.3	244.3	31.3	112.02	90.0	28.21	319.12	178.89	2	0.898	141.76	
	15	102.0	195.5	18.0	111.74	90.0	28.21	319.07	179.11	2	0.898	141.91	
	16	99.5	144.9	9.5	111.39	90.0	28.21	319.02	179.23	2	0.898	141.97	
	17	87.2	142.0	7.2	111.65	80.0	22.28	319.00	185.26	2	0.909	131.99	
	18	77.7	130.7	7.2	111.38	70.5	17.31	319.00	190.31	2	0.911	119.84	
	19	74.9	126.3	7.2	111.41	67.7	15.96	319.00	191.62	2	0.910	115.75	
	20	72.0	147.7	7.2	111.48	64.8	14.62	319.00	192.89	2	0.908	111.28	
	21	70.1	133.5	7.2	111.40	62.9	13.78	319.00	193.82	2	0.907	108.31	
	22	67.3	122.5	7.2	111.33	60.1	12.58	319.00	195.09	2	0.903	103.75	
	23	63.5	108.6	7.2	111.24	56.3	11.04	319.00	196.72	2	0.896	97.28	
	24	76.7	136.3	7.2	111.41	68.5	14.82	319.00	190.76	2	0.911	118.39	
	25	120.4	188.5	30.4	111.73	90.0	28.21	319.12	179.18	2	0.898	141.93	
	26	162.6	220.6	72.6	112.37	90.0	28.21	319.37	178.99	2	0.899	141.63	
	27	130.0	270.3	40.0	112.15	90.0	28.21	319.23	178.67	2	0.899	141.75	
	28	145.4	218.8	55.4	111.86	90.0	28.21	319.19	179.09	2	0.898	141.89	
	29	108.1	167.8	18.1	111.61	90.0	28.21	319.06	179.25	2	0.898	141.99	
	30	91.7	144.9	7.2	111.47	74.3	19.20	319.00	188.31	2	0.911	124.97	
	31	89.2	136.3	7.2	111.41	62.0	13.39	319.00	191.20	2	0.905	106.84	127.76

Date		Discharge Dam (cms)	Discharge P/H (cms)	RAD or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Efficie ncy	Output MW	Monthly Ave. MW
Apr.	1	83.4	133.2	7.2	111.34	56.20	11.80	319.00	193.86	2	0.900	100.52	
	2	84.5	114.2	7.2	111.27	57.30	11.43	319.00	196.20	2	0.898	99.00	
	3	90.9	114.9	7.2	111.47	83.70	24.40	319.00	182.13	2	0.906	136.03	
	4	378.7	718.1	208.7	113.34	90.00	28.21	319.78	178.33	2	0.899	141.34	
	5	291.2	525.2	201.2	113.95	90.00	28.21	319.39	178.45	2	0.899	141.48	
	6	198.2	337.7	98.2	112.44	90.00	28.21	319.34	178.70	2	0.899	141.64	
	7	180.4	237.9	48.4	111.99	90.00	28.21	319.19	178.99	2	0.898	141.83	
	8	118.5	206.6	28.5	111.83	90.00	28.21	319.11	179.07	2	0.898	141.88	
	9	134.7	209.6	34.7	111.81	90.00	28.21	319.09	179.07	2	0.898	141.86	
	10	104.9	183.5	14.9	111.71	90.00	28.21	319.04	179.12	2	0.898	141.91	
	11	95.7	158.1	7.2	111.53	88.50	27.28	319.00	180.17	2	0.900	140.65	
	12	66.2	136.3	7.2	111.41	79.00	21.74	319.00	185.85	2	0.909	130.85	
	13	75.8	130.7	7.2	111.38	68.60	16.39	319.00	191.23	2	0.911	117.11	
	14	67.3	122.5	7.2	111.33	60.10	12.58	319.00	195.09	2	0.903	103.75	
	15	68.3	120.6	7.2	111.30	61.10	13.00	319.00	194.50	2	0.904	105.31	
	16	79.6	143.0	7.2	111.45	72.40	18.36	319.00	189.39	2	0.912	123.44	
	17	71.1	119.7	7.2	111.31	63.90	14.22	319.00	193.47	2	0.908	109.97	
	18	62.5	108.6	7.2	111.24	55.30	10.95	319.00	197.11	2	0.894	93.51	
	19	59.8	103.7	7.2	111.21	51.60	9.27	319.00	198.52	2	0.883	86.83	
	20	63.4	98.7	7.2	111.17	58.20	11.80	319.00	196.03	2	0.900	100.62	
	21	74.9	108.6	7.2	111.24	67.70	15.96	319.00	191.00	2	0.911	115.86	
	22	80.9	119.7	7.2	111.31	83.70	24.40	319.00	183.28	2	0.905	134.13	
	23	64.4	93.6	7.2	111.14	59.20	13.21	319.00	193.65	2	0.902	102.34	
	24	53.2	83.9	7.2	111.07	44.00	7.37	319.00	200.34	2	0.847	78.36	
	25	50.4	78.5	7.2	111.04	43.20	6.50	319.00	201.46	2	0.836	72.97	
	26	43.8	70.7	7.2	110.99	36.40	4.67	319.00	205.35	1	0.908	66.26	
	27	42.6	70.7	7.2	110.99	35.40	4.41	319.00	205.80	1	0.910	64.65	
	28	44.7	66.3	7.2	110.96	37.50	4.80	319.00	205.15	1	0.906	67.66	
	29	41.9	61.9	7.2	110.93	34.70	4.19	319.00	205.84	1	0.911	63.17	
	30	40.0	60.0	7.2	110.91	33.00	3.75	319.00	206.34	1	0.911	59.87	
													108.99
May	1	38.1	61.9	7.2	110.93	30.90	3.53	319.00	204.75	1	0.909	56.37	
	2	55.1	66.3	7.2	110.96	47.90	7.59	319.00	200.05	2	0.874	83.04	
	3	129.4	96.3	28.4	111.16	90.00	28.21	319.13	178.75	2	0.898	142.00	
	4	211.9	270.3	121.9	112.15	90.00	28.21	319.41	179.05	2	0.898	141.84	
	5	147.1	200.5	57.1	111.79	90.00	28.21	319.22	179.21	2	0.898	141.97	
	6	168.1	144.9	18.1	111.47	90.00	28.21	319.04	179.39	2	0.898	142.00	
	7	68.2	119.7	7.2	111.31	81.00	23.05	319.00	184.84	2	0.908	133.22	
	8	83.4	111.4	7.2	111.26	76.20	20.23	319.00	187.52	2	0.911	127.55	
	9	76.7	103.7	7.2	111.21	68.50	16.82	319.00	190.97	2	0.911	118.53	
	10	66.4	93.6	7.2	111.14	59.20	12.21	319.00	195.65	2	0.902	102.34	
	11	59.8	84.3	7.2	111.08	52.40	9.64	319.00	198.27	2	0.888	90.73	
	12	55.1	79.5	7.2	111.04	47.90	7.59	319.00	199.96	2	0.876	82.00	
	13	51.3	75.1	7.2	111.01	44.10	6.77	319.00	201.21	2	0.859	74.73	
	14	50.4	70.7	7.2	110.99	43.20	6.50	319.00	201.52	2	0.856	73.00	
	15	49.4	70.7	7.2	110.99	42.20	6.20	319.00	201.81	2	0.851	71.05	
	16	115.7	304.9	25.7	112.51	90.00	28.21	319.10	178.58	2	0.899	141.54	
	17	1330.1	2073.5	1140.1	115.19	90.00	28.21	321.05	177.65	2	0.900	140.96	
	18	1054.0	1478.9	964.0	114.39	90.00	28.21	320.82	178.23	2	0.899	141.34	
	19	984.6	1328.2	894.6	114.02	90.00	28.21	320.75	178.30	2	0.899	141.51	
	20	630.9	998.2	539.9	113.42	90.00	28.21	320.31	178.38	2	0.899	141.44	
	21	418.0	647.7	326.0	113.22	90.00	28.21	319.85	178.42	2	0.899	141.46	
	22	293.7	438.4	203.7	112.77	90.00	28.21	319.60	178.62	2	0.899	141.59	
	23	214.2	318.5	124.2	112.33	90.00	28.21	319.41	178.86	2	0.898	141.78	
	24	185.6	250.8	70.6	112.06	90.00	28.21	319.26	178.99	2	0.898	141.83	
	25	120.4	221.9	50.4	111.91	90.00	28.21	319.12	179.00	2	0.898	141.83	
	26	115.7	191.5	25.7	111.74	90.00	28.21	319.10	179.14	2	0.898	141.93	
	27	112.8	176.7	22.8	111.66	90.00	28.21	319.06	179.22	2	0.898	141.97	
	28	136.6	234.1	46.6	113.07	90.00	28.21	319.18	178.90	2	0.898	141.77	
	29	167.6	320.6	77.6	113.57	90.00	28.21	319.28	178.70	2	0.899	141.64	
	30	140.4	267.0	50.4	113.13	90.00	28.21	319.19	178.85	2	0.899	141.74	
	31	137.1	228.1	37.1	111.94	90.00	28.21	319.14	178.99	2	0.898	141.83	124.03
Jun.	1	130.9	184.4	20.9	111.76	90.00	28.21	319.08	179.11	2	0.898	141.90	
	2	120.4	176.7	10.4	111.66	90.00	28.21	319.02	179.15	2	0.898	141.93	
	3	93.8	162.0	7.2	111.57	84.60	24.12	319.00	181.31	2	0.902	138.87	
	4	84.3	147.7	7.2	111.48	77.10	20.70	319.00	186.91	2	0.910	128.52	
	5	74.0	136.3	7.2	111.41	66.80	15.54	319.00	192.05	2	0.910	116.40	
	6	67.3	128.0	7.2	111.36	60.10	12.58	319.00	195.04	2	0.903	103.73	
	7	66.4	116.9	7.2	111.29	59.20	12.21	319.00	195.30	2	0.902	102.35	
	8	64.5	116.9	7.2	111.29	57.30	11.43	319.00	196.27	2	0.898	98.39	
	9	64.5	114.2	7.2	111.27	57.30	11.43	319.00	196.29	2	0.898	99.00	
	10	64.5	106.2	7.2	111.22	57.30	11.43	319.00	196.34	2	0.898	99.03	
	11	63.5	103.7	7.2	111.21	54.30	11.04	319.00	196.76	2	0.896	97.28	
	12	61.7	98.7	7.2	111.17	54.50	10.94	319.00	197.48	2	0.892	94.12	
	13	58.8	94.3	7.2	111.14	51.60	9.27	319.00	198.57	2	0.883	84.93	
	14	58.8	93.1	7.2	111.14	51.60	9.27	319.00	198.59	2	0.885	84.86	
	15	54.1	84.3	7.2	111.09	44.90	7.66	319.00	200.25	2	0.870	80.07	
	16	50.4	83.9	7.2	111.07	43.20	6.50	319.00	201.43	2	0.836	72.84	
	17	49.4	73.1	7.2	111.01	42.20	6.20	319.00	201.79	2	0.851	71.04	
	18	48.5	73.1	7.2	111.01	41.30	5.94	319.00	202.04	2	0.847	69.39	
	19	47.5	75.1	7.2	111.01	40.30	5.66	319.00	202.33	2	0.843	67.53	
	20	45.7	72.9	7.2	111.00	38.50	5.16	319.00	202.84	1	0.903	69.12	
	21	43.9	72.9	7.2	111.00	36.60	4.67	319.00	203.33	1	0.908	66.25	
	22	43.8	70.7	7.2	110.99	35.60	4.41	319.00	203.60	1	0.910	64.65	
	23	41.9	70.7	7.2	110.99	34.70	4.19	319.00	203.82	1	0.911	63.15	
	24	41.0	66.3	7.2	110.97	33.80	3.98	319.00	204.03	1	0.912	61.62	
	25	40.0	64.1	7.2	110.94	32.80	3.75	319.00	204.31	1	0.911	59.86	
	26	39.1	64.1	7.2	110.94	31.80	3.54	319.00	204.52	1	0.911	58.23	
	27	38.1	61.9	7.2	110.93	30.90	3.53	319.00	204.75	1	0.909	56.37	
	28	37.2	61.9	7.2	110.93	30.00	3.13	319.00	204.94	1	0.907	54.66	
	29	37.2	61.9	7.2	110.93	30.00	3.13	319.00	204.94	1	0.907	54.66	
	30	34.4	58.1	7.2	110.90	29.20	2.97	319.00	205.13	1	0.905	53.13	
													85.34

POWER GENERATION SIMULATION

Year : 1948

Dam Axis B
F.S.L.= 319.00 m

Rated Head : 179.50 m
Max. Plant Discharge : 90.00 cms

Installed Capacity : 142.0 MW

Month	Date	Discharge Dam (cms)	Discharge PH (cms)	R/F or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Resv level	Effect. Head h	Unit	Effcie ncy	Output MW	Monthly Ave. MW
Jul.	1	53.5	58.1	7.2	310.90	36.5	2.79	319.00	205.31	1	0.902	51.36	
	2	54.7	58.1	7.2	310.90	37.5	2.63	319.00	205.47	1	0.909	49.77	
	3	53.5	60.0	7.2	310.91	38.5	2.79	319.00	205.30	1	0.902	51.36	
	4	56.1	61.9	7.2	310.93	50.9	3.53	319.00	204.75	1	0.909	54.37	
	5	56.4	61.9	7.2	310.93	39.2	2.97	319.00	205.11	1	0.905	53.13	
	6	54.7	56.1	7.2	310.90	37.5	2.63	319.00	205.47	1	0.899	49.77	
	7	53.7	54.3	7.2	310.87	36.5	2.45	319.00	205.68	1	0.894	47.79	
	8	53.9	52.4	7.2	310.86	35.7	2.30	319.00	205.84	1	0.890	46.13	
	9	52.0	52.4	7.2	310.86	34.8	2.14	319.00	206.00	1	0.884	44.26	
	10	51.2	50.5	7.2	310.83	34.0	2.01	319.00	206.15	1	0.879	42.63	
	11	29.4	44.7	7.2	310.82	23.2	1.73	319.00	206.44	1	0.866	38.98	
	12	27.0	44.8	7.2	310.81	20.6	1.68	319.00	206.71	1	0.851	35.93	
	13	27.0	44.6	7.2	310.81	19.8	1.57	319.00	206.83	1	0.844	33.85	
	14	26.1	43.9	7.2	310.79	18.9	1.24	319.00	206.96	1	0.834	31.97	
	15	27.0	44.8	7.2	310.81	18.8	1.37	319.00	206.83	1	0.844	33.85	
	16	33.7	48.6	7.2	310.83	26.5	2.45	319.00	205.72	1	0.896	47.77	
	17	110.9	91.3	20.0	311.13	90.0	20.21	319.00	179.74	2	0.998	142.00	
	18	437.0	529.2	347.0	312.93	90.0	20.21	318.99	179.74	2	0.998	141.47	
	19	254.1	306.9	164.1	312.31	90.0	20.21	319.51	178.99	2	0.998	141.83	
	20	160.6	228.1	73.6	311.94	90.0	20.21	319.27	179.12	2	0.998	141.91	
	21	118.5	179.6	26.5	311.67	90.0	20.21	319.11	179.22	2	0.998	141.98	
	22	92.9	170.5	7.2	311.40	85.7	23.98	319.00	182.02	2	0.995	138.10	
	23	77.7	111.4	7.2	311.26	70.5	17.31	319.00	190.43	2	0.911	119.93	
	24	93.8	139.7	7.2	311.31	84.6	24.12	319.00	181.57	2	0.902	130.04	
	25	126.2	142.0	54.2	311.43	90.0	20.21	319.14	179.44	2	0.998	142.00	
	26	236.3	257.3	146.5	312.09	90.0	20.21	319.52	179.22	2	0.998	141.97	
	27	454.4	718.1	546.4	313.54	90.0	20.21	319.92	178.37	2	0.989	141.43	
	28	325.2	476.5	235.2	312.87	90.0	20.21	319.67	178.99	2	0.998	141.87	
	29	215.4	310.3	125.4	312.33	90.0	20.21	319.41	178.88	2	0.998	141.76	
	30	166.5	236.6	76.5	311.97	90.0	20.21	319.28	179.08	2	0.998	141.89	
	31	133.7	224.0	43.7	311.82	90.0	20.21	319.17	179.03	2	0.998	141.84	90.75
Aug.	1	596.9	778.1	446.5	313.44	90.0	20.21	320.19	178.43	2	0.999	141.48	
	2	1427.5	1537.2	1337.5	314.47	90.0	20.21	321.26	178.61	2	0.999	141.58	
	3	998.5	1048.7	838.2	313.81	90.0	20.21	320.61	178.59	2	0.999	141.58	
	4	580.4	684.8	490.4	313.28	90.0	20.21	320.13	178.64	2	0.999	141.61	
	5	478.8	568.0	388.8	313.07	90.0	20.21	319.96	178.68	2	0.999	141.63	
	6	540.0	708.7	450.0	313.32	90.0	20.21	320.07	178.53	2	0.999	141.54	
	7	461.8	687.2	393.5	313.30	90.0	20.21	319.97	178.45	2	0.999	141.49	
	8	639.2	1139.8	549.2	313.96	90.0	20.21	320.26	178.09	2	0.999	141.25	
	9	503.7	761.0	413.7	313.41	90.0	20.21	320.01	178.59	2	0.999	141.44	
	10	396.6	580.7	306.6	313.11	90.0	20.21	319.81	178.69	2	0.999	141.51	
	11	311.3	443.2	221.3	312.78	90.0	20.21	319.64	178.65	2	0.999	141.61	
	12	254.8	345.6	154.8	312.54	90.0	20.21	319.44	178.69	2	0.999	141.64	
	13	211.9	313.7	121.9	312.34	90.0	20.21	319.41	178.84	2	0.999	141.74	
	14	154.8	278.7	64.8	312.18	90.0	20.21	319.24	178.85	2	0.999	141.74	
	15	134.7	237.9	44.7	311.99	90.0	20.21	319.17	178.97	2	0.998	141.82	
	16	113.8	221.9	23.8	311.91	90.0	20.21	319.09	178.97	2	0.998	141.82	
	17	110.9	197.5	20.9	311.78	90.0	20.21	319.06	179.09	2	0.998	141.89	
	18	109.0	182.6	19.0	311.69	90.0	20.21	319.07	179.16	2	0.998	141.94	
	19	107.2	164.9	17.2	311.59	90.0	20.21	319.04	179.26	2	0.998	142.00	
	20	99.5	156.3	9.5	311.54	90.0	20.21	319.02	179.27	2	0.998	142.00	
	21	93.8	147.7	7.2	311.48	84.6	24.12	319.00	181.40	2	0.902	130.92	
	22	84.2	132.5	7.2	311.40	81.0	22.05	319.00	184.75	2	0.908	139.16	
	23	83.3	130.7	7.2	311.39	78.1	21.24	319.00	186.36	2	0.910	139.80	
	24	82.4	125.2	7.2	311.34	75.2	19.69	319.00	187.96	2	0.911	136.22	
	25	82.4	119.7	7.2	311.31	75.2	19.69	319.00	188.00	2	0.911	136.24	
	26	125.2	179.6	53.2	311.67	90.0	20.21	319.14	179.25	2	0.998	141.99	
	27	128.0	264.6	94.0	311.83	90.0	20.21	319.15	179.11	2	0.998	141.90	
	28	102.3	162.0	12.3	311.57	90.0	20.21	319.05	179.25	2	0.998	141.99	
	29	84.2	139.5	7.2	311.40	81.0	22.05	319.00	184.75	2	0.908	139.16	
	30	84.3	132.5	7.2	311.35	77.1	20.70	319.00	186.97	2	0.910	139.62	
	31	78.7	116.9	7.2	311.29	71.7	17.90	319.00	189.90	2	0.913	131.30	139.69
Sep.	1	71.1	108.6	7.2	311.24	63.9	14.22	319.00	193.54	2	0.918	130.01	
	2	67.3	104.2	7.2	311.22	60.1	12.58	319.00	195.20	2	0.903	103.81	
	3	43.9	98.7	7.2	311.17	34.3	11.01	319.00	196.79	2	0.896	97.91	
	4	42.5	94.3	7.2	311.16	35.3	10.68	319.00	197.19	2	0.894	95.55	
	5	29.8	93.8	7.2	311.14	32.6	9.64	319.00	198.22	2	0.888	90.70	
	6	37.8	94.3	7.2	311.69	30.8	8.93	319.00	198.99	2	0.882	87.04	
	7	34.9	83.9	7.2	311.07	48.7	8.60	319.00	199.31	2	0.879	85.97	
	8	34.0	83.9	7.2	311.07	48.8	8.29	319.00	199.63	2	0.876	85.08	
	9	33.1	81.7	7.2	311.06	47.9	7.99	319.00	199.95	2	0.874	84.99	
	10	34.1	79.5	7.2	311.04	46.8	7.66	319.00	200.29	2	0.870	85.02	
	11	33.2	75.1	7.2	311.01	46.0	7.37	319.00	200.62	2	0.867	78.39	
	12	34.1	77.3	7.2	311.03	46.9	7.66	319.00	200.31	2	0.870	80.10	
	13	99.8	103.7	7.2	311.21	52.6	9.64	319.00	198.16	2	0.898	90.66	
	14	83.4	136.3	7.2	311.41	76.3	20.22	319.00	187.36	2	0.911	137.44	
	15	91.9	162.0	7.2	311.57	84.7	24.99	319.00	182.44	2	0.905	134.99	
	16	69.2	125.2	7.2	311.34	62.0	13.38	319.00	194.27	2	0.906	104.89	
	17	57.6	106.2	7.2	311.22	50.6	8.93	319.00	198.96	2	0.882	84.97	
	18	52.2	94.3	7.2	311.16	45.0	7.05	319.00	200.79	2	0.863	74.40	
	19	49.4	91.7	7.2	311.13	42.2	6.30	319.00	201.67	2	0.851	70.99	
	20	49.4	94.3	7.2	311.09	42.2	6.30	319.00	201.71	2	0.851	71.05	
	21	50.4	83.9	7.2	311.07	43.2	6.30	319.00	201.43	2	0.856	72.06	
	22	49.4	81.7	7.2	311.06	42.2	6.30	319.00	201.74	2	0.851	71.02	
	23	44.5	79.5	7.2	311.04	41.3	5.94	319.00	202.01	2	0.847	68.27	
	24	47.5	75.1	7.2	311.01	40.3	5.66	319.00	202.33	2	0.843	67.33	
	25	44.6	70.7	7.2	310.98	38.4	5.41	319.00	202.61	1	0.903	70.40	
	26	45.7	64.1	7.2	310.94	38.5	5.16	319.00	202.90	1	0.903	69.14	
	27	45.7	64.5	7.2	310.97	38.5	5.16	319.00	202.87	1	0.903	69.13	
	28	53.2	79.5	7.2	311.04	44.0	7.37	319.00	200.39	2	0.867	78.37	
	29	45.7	66.5	7.2	310.97	38.5	5.16	319.00	202.87	1	0.903	69.15	
	30	43.8	64.1	7.2	310.94	36.6	4.67	319.00	203.39	1	0.908	66.27	
													84.81

Month	Date	Discharge Dam (cms)	Discharge PH (cms)	R/F or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Resv level	Effect. Head h	Unit	Effcie ncy	Output MW	Monthly Ave. MW
Oct.	1	61.9	61.9	7.2	310.93	54.70	4.19	319.00	209.86	1	0.911	63.77	
	2	58.1	58.1	7.2	310.90	51.80	3.54	319.00	204.56	1	0.911	60.36	
	3	58.1	58.1	7.2	310.90	50.90	3.33	319.00	204.76	1	0.910	59.70	
	4	61.9	66.3	7.2	310.96	54.70	4.19	319.00	205.05	1	0.911	63.66	
	5	48.5	93.8	7.2	311.14	41.30	5.94	319.00	201.93	2	0.847	69.23	
	6	44.7	84.9	7.2	311.21	37.50	4.50	319.00	203.00	1	0.904	57.61	
	7	43.8	72.9	7.2	311.00	36.40	4.47	319.00	203.33	1	0.903	66.25	
	8	41.0	64.1	7.2	310.94	33.80	3.96	319.00	204.05	1	0.912	61.42	
	9	58.1	61.9	7.2	310.93	50.90	3.33	319.00	204.75	1	0.910	54.37	
	10	54.4	58.1	7.2	310.90	30.30	2.97	319.00	205.13	1	0.905	53.13	
	11	44.6	72.9	7.2	311.00	39.40	5.41	319.00	202.59	1	0.900	70.40	
	12	60.7	101.2	7.2	311.30	53.90	9.97	319.00	197.84	2	0.869	92.31	
	13	52.2	106.2	7.2	311.32	45.00	7.05	319.00	200.73	2	0.863	76.37	
	14	46.6	66.3	7.2	311.03	39.40	5.41	319.00	202.50	1	0.900	70.37	
	15	44.7	75.1	7.2	311.01	37.50	4.50	319.00	203.09	1	0.904	67.64	
	16	41.0	64.5	7.2	310.96	33.80	3.96	319.00	204.07	1	0.912	61.42	
	17	58.1	60.0	7.2	310.91	50.90	3.33	319.00	204.76	1	0.909	54.38	
	18	37.2	54.2	7.2	310.89	30.00	3.13	319.00	204.98	1	0.907	54.48	
	19	35.5	54.5	7.2	310.87	28.30	2.79	319.00	205.34	1	0.902	51.37	
	20	34.7	54.3	7.2	310.87	27.50	2.63	319.00	205.49	1	0.899	49.77	
	21	34.7	52.4	7.2	310.86	27.50	2.63	319.00	205.51	1	0.899	49.78	
	22	33.7	50.5	7.2	310.85	26.50	2.45	319.00	205.71	1	0.894	47.77	
	23	33.7	50.5	7.2	310.85	26.50	2.45	319.00	205.71	1	0.894	47.77	
	24	34.4	50.5	7.2	310.85	28.20	2.87	319.00	205.18	1	0.905	53.14	
	25	74.9	83.9	7.2	311.07	67.70	13.96	319.00	191.56	2	0.911	115.97	
	26	52.2	91.3	7.2	311.13	43.60	7.05	319.00	200.82	2	0.863	76.42	
	27	54.4	68.5	7.2	310.97	28.30	2.87	319.00	205.06	1	0.905	53.11	
	28	77.7	111.4	7.2	311.26	70.50	17.31	319.00	190.43	2	0.911	119.92	
	29	157.8	221.9	67.8	311.91	90.00	20.21	319.35	179.13	2	0.998	141.82	
	30	136.6	237.9	46.6	311.99	90.00	20.21	319.18	179.08	2	0.998	141.82	
	31	108.9	187.5	18.9	311.71	90.00	20.21	319.07	179.13	2	0.998	141.87	73.78
Nov.	1	85.3	122.5	7.2	311.53	78.10	21.24	319.00	186.45	2	0.910	138.84	
	2	73.0	108.6	7.2	311.34	65.80	15.08	319.00	188.60	2	0.909	112.98	
	3	60.7	93.8	7.2	311.14	53.50	9.97	319.00	197.89	2	0.890	93.33	
	4	53.2	86.3	7.2	311.09	45.00	7.05	319.00	200.86	2	0.863	76.43	
	5	46.5	61.7	7.2	311.04	41.30	5.94	319.00	202.00	2	0.847	69.27	
	6	44.7	73.1	7.2	311.01	37.50	4.50	319.00	203.09	1	0.904	57.64	
	7	42.5	70.7	7.2	310.99	35.40	4.41	319.00	203.40	1	0.910	64.65	
	8	98.6	138.7	8.6	311.31	90.00	20.21	319.01	179.49	2	0.998	142.00	
	9	101.4	125.2	11.4	311.34	90.00	20.21	319.03	179.47	2	0.998	142.00	
	10	89.2	122.5	7.2	311.33	81.80	23.83	319.00	184.82	2	0.908	139.20	
	11	112.8	138.0	22.8	311.34	90.00	20.21	319.08	179.31	2	0.998	142.00	
	12	136.7	276.7	46.7	312.18	90.00	20.21	319.25	178.86	2	0.999	141.74	
	13	138.0	247.6	48.0	312.04	90.00	20.21	319.19	178.89	2	0.998	141.77	
	14	108.0	191.5	18.0	311.74	90.00	20.21	319.07	178.11	2	0.998	141.91	
	15	88.1	159.1	7.2	311.55	81.50	23.36	319.00	184.99	2	0.907	134.85	
	16	82.4	136.3	7.2	311.41	75.30	19.48	319.00	187.89	2	0.911	136.17	
	17	80.6	153.5	7.2	311.46	73.40	18.76	319.00	188.84	2	0.912	135.82	
	18	65.4	108.6	7.2	311.24	58.20	11.80	319.00	195.97	2	0.900	160.96	
	19	51.8	93.8	7.2	311.14	51.40	9.27	319.00	198.99	2	0.885	88.86	
	20	53.2	81.7	7.2	311.06	44.00	7.37	319.00	202.57	2	0.867	78.37	
	21	48.5	77.3	7.2	311.03	41.30	5.94	319.00	202.03	2	0.847	69.28	
	22	44.7	75.1	7.2	311.01	37.50	4.50	319.00	203.09	1	0.904	57.64	
	23	41.9	70.7	7.2	310.99	34.70	4.19	319.00	203.82	1	0.911	63.15	
	24	39.1	64.5	7.2	310.94	31.90	3.54	319.00	204.50	1	0.911	58.22	
	25	33.5	61.9	7.2	310.93	28.30	2.79	319.00	205.29	1	0.902	51.39	
	26	34.4	66.3	7.2	310.96	28.20	2.87	319.00	205.08	1	0.905	53.11	
	27	42.5	77.3	7.2	311.03	35.40	4.41	319.00	203.56	1	0.910	64.64	
	28	40.0	61.9	7.2	310.93	33.80	3.75	319.00	204.33	1	0.911	58.86	
	29	34.4	54.2	7.2	310.89	28.20	2.87	319.00	205.14	1	0.902	53.13	
	30	34.7	54.3	7.2	310.87	27.50	2.63	319.00	205.49	1	0.899	49.77	
													94.66
Dec.	1	53.0	48.6	7.2	310.83	34.80	2.14	319.00	206.82	1	0.884	64.20	
	2	31.2	44.7	7.2	310.82	24.00	2.01	319.00	206.17	1	0.879	42.43	
	3	28.4	42.9	7.2	310.79	22.20	1.72	319.00	206.49	1	0.866	38.86	
	4	27.8	42.9	7.2	310.79	20.60	1.68	319.00	206.73	1	0.851	35.93	
	5	27.0	39.7	7.2	310.77	19.80	1.57	319.00	206.86	1	0.844	33.86	
	6	26.1	33.1	7.2	310.74	18.90	1.24	319.00	207.02	1	0.834	31.98	
	7	25.4	34.7	7.2	310.75	18.20	1.15	319.00	207.16	1	0.826	30.53	
	8	28.6	32.4	7.2	310.86	21.40	1.59	319.00	206.55	1	0.858	37.19	
	9	32.9	36.7	7.2	310.85	25.70	2.39	319.00	206.86	1	0.890	44.13	
	10	32.9	44.7	7.2	310.23	25.70	2.30	319.00	205.96	1	0.880	44.14	
	11	30.3	41.4	7.2	310.78	23.10	1.86	319.00	206.36	1	0.873	40.77	
	12	27.8	38.2	7.2	310.76	20.60	1.68	319.00	206.79	1	0.851	35.94	
	13	25.4	35.1	7.2	310.74	18.20	1.15	319.00	207.11	1	0.826	30.53	
	14	23.8	33.5	7.2	310.73	16.60	0.96	319.00	207.31	1	0.807	27.27	
	15	23.2	30.5	7.2	310.71	15.80	0.78	319.00	207.51	0	0.000	0.00	
	16	21.4	28.9	7.2	310.70	14.20	0.70	319.00	207.60	0	0.000	0.00	
	17	19.8	27.4	7.2	310.69	12.60	0.53	319.00	207.76	0	0.000	0.00	
	18	24.1	44.7	7.2	310.82	15.90	1.24	319.00	206.84	1	0.834	31.97	
	19	27.8	48.6	7.2	310.83	19.80	1.57	319.00	206.80	1	0.843	33.85	
	20	23.8	34.7	7.2	310.73	16.60	0.96	319.00	207.29	1	0.807	27.22	
	21	21.4	33.0	7.2	310.72	14.20	0.70	319.00	207.58	0	0.000	0.00	
	22	19.1	24.1	7.2	310.68	10.90	0.41	319.00	207.91	0	0.000	0.00	
	23	16.5	24.9	7.2	310.67	9.30	0.30	319.00	208.03	0	0.000	0.00	
	24	15.8	24.9	7.2	310.67	8.60	0.26	319.00	208.07	0	0.000	0.00	
	25	14.9	24.9	7.2	310.67	7.70	0.21	319.00	208.13	0	0.000	0.00	
	26	16.5	24.9	7.2	310.70	9.30	0.30	319.00	208.00	0	0.000	0.00	
	27	14.9	27.4	7.2	310.69	7.70	0.21	319.00	208.11	0	0.000	0.00	
	28	15.2	24.1	7.2	310.68	7.00	0.17	319.00	208.15	0	0.000	0.00	
	29	14.3	24.9	7.2	310.67	7.00	0.17	319.00	208.16	0	0.000	0.00	
	30	13.3	23.7	7.2	310.66	6.10	0.13	319.00	208.21	0	0.000	0.00	
	31	12.3	24.1	7.2	310.68	6.10	0.13	319.00	208.19	0	0.000	0.00	15.92

POWER GENERATION SIMULATION

Year : 1969

Dam Axis B
F.R.L. = 319.00 m

Rated Head : 179.30 m
Max. Plant Discharge : 90.00 cms

Installed Capacity : 143.0 MW

Date		Discharge Dam (cms)	Discharge P&H (cms)	RMF or Tail Spillage (cms)	water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Effic ncy	Output MW	Monthly Ave. MW
Jan.	1	12.6	34.9	12.6	110.67	0.0	0.10	319.00	208.33	0	0.000	0.00	
	2	13.6	34.9	12.6	110.67	0.0	0.10	319.00	208.33	0	0.000	0.00	
	3	13.9	23.7	13.9	110.66	0.0	0.08	319.00	208.26	0	0.000	0.00	
	4	13.0	22.5	13.0	110.65	0.0	0.05	319.00	208.20	0	0.000	0.00	
	5	18.1	24.9	18.1	110.67	0.0	0.41	319.00	207.92	0	0.000	0.00	
	6	22.3	30.5	22.2	110.71	0.0	0.78	319.00	207.51	0	0.000	0.00	
	7	51.5	42.9	7.2	110.79	34.0	2.01	319.00	206.30	1	0.879	43.66	
	8	53.7	50.5	7.2	110.85	36.5	2.43	319.00	205.71	1	0.894	47.77	
	9	59.8	66.5	7.2	111.09	52.6	9.64	319.00	198.27	2	0.688	90.72	
	10	131.8	170.8	41.0	111.63	90.0	28.21	319.16	179.73	2	0.898	142.00	
	11	101.4	162.0	11.4	111.57	90.0	28.21	319.05	179.35	2	0.898	141.99	
	12	70.1	122.5	7.2	111.33	62.9	15.70	319.00	193.89	2	0.907	108.34	
	13	45.7	83.9	7.2	111.07	38.5	5.16	319.00	202.76	1	0.903	69.10	
	14	43.6	64.5	7.2	110.97	35.6	4.41	319.00	203.62	1	0.910	64.66	
	15	44.6	64.2	7.2	110.96	39.4	5.41	319.00	202.64	1	0.900	70.41	
	16	43.0	58.1	7.2	110.90	33.8	3.96	319.00	204.12	1	0.912	61.64	
	17	32.0	50.5	7.2	110.85	24.8	2.14	319.00	206.01	1	0.894	44.30	
	18	39.1	61.0	7.2	110.93	31.9	3.54	319.00	204.53	1	0.911	58.23	
	19	31.2	54.2	7.2	110.89	24.0	2.01	319.00	206.31	1	0.879	42.43	
	20	27.0	44.7	7.2	110.82	18.8	1.37	319.00	206.81	1	0.845	33.95	
	21	23.8	33.2	7.2	110.76	16.6	0.96	319.00	207.28	1	0.807	27.32	
	22	20.6	33.1	20.6	110.74	0.0	0.42	319.00	207.43	0	0.000	0.00	
	23	18.0	30.5	19.0	110.71	0.0	0.48	319.00	207.81	0	0.000	0.00	
	24	18.1	27.4	18.1	110.69	0.0	0.41	319.00	207.90	0	0.000	0.00	
	25	16.5	27.4	16.5	110.69	0.0	0.32	319.00	208.01	0	0.000	0.00	
	26	16.5	24.1	16.5	110.68	0.0	0.30	319.00	208.02	0	0.000	0.00	
	27	14.9	24.1	14.9	110.68	0.0	0.21	319.00	208.12	0	0.000	0.00	
	28	14.9	27.4	14.9	110.69	0.0	0.21	319.00	208.11	0	0.000	0.00	
	29	18.1	30.5	18.1	110.71	0.0	0.41	319.00	207.88	0	0.000	0.00	
	30	23.8	32.0	7.2	110.73	16.6	0.96	319.00	207.32	1	0.807	27.23	
	31	23.0	30.5	7.2	110.71	15.8	0.87	319.00	207.43	1	0.797	25.60	35.43
Feb.	1	18.8	27.4	18.8	110.69	0.0	0.33	319.00	207.76	0	0.000	0.00	
	2	17.4	24.9	17.4	110.67	0.0	0.34	319.00	207.97	0	0.000	0.00	
	3	14.9	22.5	14.9	110.63	0.0	0.21	319.00	208.14	0	0.000	0.00	
	4	12.6	22.5	12.6	110.63	0.0	0.10	319.00	208.25	0	0.000	0.00	
	5	11.9	21.3	11.9	110.61	0.0	0.08	319.00	208.28	0	0.000	0.00	
	6	11.9	20.0	11.9	110.63	0.0	0.08	319.00	208.29	0	0.000	0.00	
	7	13.3	23.7	13.3	110.66	0.0	0.13	319.00	208.21	0	0.000	0.00	
	8	18.1	24.1	18.1	110.68	0.0	0.41	319.00	207.91	0	0.000	0.00	
	9	22.2	30.5	22.2	110.73	0.0	0.78	319.00	207.51	0	0.000	0.00	
	10	17.4	27.4	17.4	110.69	0.0	0.36	319.00	207.95	0	0.000	0.00	
	11	14.9	23.7	14.9	110.66	0.0	0.21	319.00	208.13	0	0.000	0.00	
	12	11.9	21.3	11.9	110.64	0.0	0.08	319.00	208.28	0	0.000	0.00	
	13	11.0	18.8	11.0	110.63	0.0	0.05	319.00	208.32	0	0.000	0.00	
	14	10.2	16.6	10.2	110.61	0.0	0.03	319.00	208.36	0	0.000	0.00	
	15	10.2	18.8	10.2	110.63	0.0	0.03	319.00	208.34	0	0.000	0.00	
	16	14.9	22.5	14.9	110.65	0.0	0.21	319.00	208.14	0	0.000	0.00	
	17	20.6	24.9	20.6	110.67	0.0	0.63	319.00	207.71	0	0.000	0.00	
	18	34.1	33.5	7.2	110.73	18.9	1.24	319.00	207.03	1	0.834	31.99	
	19	33.8	32.0	7.2	110.72	16.6	0.96	319.00	207.32	1	0.807	27.23	
	20	20.6	30.5	20.6	110.71	0.0	0.63	319.00	207.67	0	0.000	0.00	
	21	17.4	24.9	17.4	110.67	0.0	0.36	319.00	207.97	0	0.000	0.00	
	22	15.8	23.5	15.8	110.65	0.0	0.26	319.00	208.09	0	0.000	0.00	
	23	17.4	23.7	17.4	110.66	0.0	0.36	319.00	207.98	0	0.000	0.00	
	24	25.4	30.5	7.2	110.71	18.2	1.15	319.00	207.14	1	0.826	30.53	
	25	20.6	28.9	20.6	110.70	0.0	0.63	319.00	207.68	0	0.000	0.00	
	26	19.8	24.9	19.8	110.67	0.0	0.55	319.00	207.78	0	0.000	0.00	
	27	15.8	22.5	15.8	110.65	0.0	0.26	319.00	208.09	0	0.000	0.00	
	28	13.3	18.8	13.3	110.63	0.0	0.13	319.00	208.24	0	0.000	0.00	
													3.21
Mar.	1	11.0	27.4	11.0	110.69	0.0	0.05	319.00	208.26	0	0.000	0.00	
	2	14.2	24.9	14.2	110.67	0.0	0.17	319.00	208.16	0	0.000	0.00	
	3	32.3	38.2	32.3	110.74	0.0	0.78	319.00	207.46	0	0.000	0.00	
	4	114.7	182.6	24.7	111.69	90.0	28.21	319.09	179.19	2	0.898	141.96	
	5	96.0	134.2	7.2	111.27	68.8	8.29	319.00	199.43	2	0.876	83.98	
	6	58.1	78.1	7.2	111.01	30.8	3.33	319.00	204.66	1	0.909	56.33	
	7	57.3	72.9	7.2	111.00	30.0	3.13	319.00	204.87	1	0.907	54.64	
	8	73.0	84.8	7.2	111.11	65.8	15.08	319.00	182.81	2	0.909	113.06	
	9	71.1	83.9	7.2	111.07	63.9	14.20	319.00	193.71	2	0.908	110.11	
	10	41.0	54.2	7.2	110.89	33.8	3.98	319.00	204.14	1	0.912	61.64	
	11	28.4	44.7	7.2	110.82	23.2	1.72	319.00	206.44	1	0.866	38.08	
	12	25.4	34.7	7.2	110.75	18.2	1.15	319.00	207.10	1	0.826	30.53	
	13	23.0	32.0	7.2	110.72	15.8	0.87	319.00	207.41	1	0.797	25.60	
	14	21.4	28.9	21.4	110.70	0.0	0.70	319.00	207.80	0	0.000	0.00	
	15	18.0	41.4	19.0	110.78	0.0	0.48	319.00	207.73	0	0.000	0.00	
	16	17.4	30.5	17.4	110.71	0.0	0.36	319.00	207.93	0	0.000	0.00	
	17	17.4	27.4	17.4	110.69	0.0	0.36	319.00	207.95	0	0.000	0.00	
	18	16.5	27.4	16.5	110.69	0.0	0.30	319.00	208.01	0	0.000	0.00	
	19	22.3	34.2	22.2	110.89	0.0	0.78	319.00	207.53	0	0.000	0.00	
	20	54.9	66.5	7.2	110.97	48.7	6.60	319.00	199.43	2	0.879	83.42	
	21	72.0	86.8	7.2	111.31	64.8	14.62	319.00	193.27	2	0.909	111.51	
	22	56.0	93.8	7.2	111.24	48.8	8.29	319.00	199.57	2	0.876	83.65	
	23	44.7	78.7	7.2	110.99	37.5	4.90	319.00	203.12	1	0.906	67.65	
	24	37.2	54.3	7.2	110.87	30.0	3.13	319.00	204.99	1	0.907	54.68	
	25	32.0	44.7	7.2	110.82	24.8	2.14	319.00	206.04	1	0.884	44.29	
	26	27.0	38.2	7.2	110.76	18.8	1.37	319.00	206.87	1	0.844	33.96	
	27	24.5	34.7	7.2	110.75	17.3	1.04	319.00	207.21	1	0.818	28.66	
	28	23.0	34.2	7.2	110.76	15.8	0.87	319.00	207.37	1	0.797	25.59	
	29	39.1	50.5	7.2	110.85	31.9	3.54	319.00	204.81	1	0.911	58.23	
	30	50.4	64.3	7.2	110.96	43.2	6.20	319.00	201.55	2	0.856	73.01	
	31	49.4	61.9	7.2	110.93	42.2	6.20	319.00	201.87	2	0.851	71.05	46.90

Date		Discharge Dam (cms)	Discharge P&H (cms)	RMF or Tail Spillage (cms)	water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Effic ncy	Output MW	Monthly Ave. MW
Apr.	1	42.8	60.0	7.2	110.91	35.60	4.41	319.00	203.67	1	0.910	64.97	
	2	87.2	149.2	7.2	112.59	80.00	22.20	319.00	184.16	2	0.900	131.27	
	3	206.0	453.6	116.0	113.81	90.00	28.21	319.59	178.37	2	0.899	141.43	
	4	189.2	363.6	99.2	113.54	90.00	28.21	319.34	178.60	2	0.899	141.58	
	5	122.3	226.1	32.3	111.94	90.00	28.21	319.12	178.97	2	0.898	141.82	
	6	78.7	153.4	7.2	111.52	71.50	17.80	319.00	188.46	2	0.913	131.16	
	7	54.9	108.6	7.2	111.24	49.70	8.60	319.00	199.16	2	0.879	85.29	
	8	43.8	68.8	7.2	111.11	36.60	4.67	319.00	203.23	1	0.908	66.22	
	9	58.1	75.1	7.2	111.01	50.80	8.33	319.00	204.66	1	0.909	54.35	
	10	34.7	68.5	7.2	110.97	27.50	2.63	319.00	205.60	1	0.899	49.75	
	11	33.0	60.0	7.2	110.91	24.80	2.14	319.00	205.93	1	0.884	44.27	
	12	30.3	54.3	7.2	110.87	23.10	1.86	319.00	206.27	1	0.873	40.75	
	13	27.0	48.6	7.2	110.83	19.80	1.37	319.00	206.80	1	0.843	33.61	
	14	23.8	42.9	7.2	110.79	16.60	0.96	319.00	207.25	1	0.807	27.23	
	15	21.4	28.7	21.4	110.77	0.00	0.70	319.00	207.53	0	0.000	0.00	
	16	19.8	33.1	19.8	110.74	0.00	0.55	319.00	207.71	0	0.000	0.00	
	17	18.0	33.5	18.0	110.73	0.00	0.48	319.00	207.79	0	0.000	0.00	
	18	17.4	32.0	17.4	110.72	0.00	0.36	319.00	207.92	0	0.000	0.00	
	19	16.5	30.5	16.5	110.71	0.00	0.30	319.00	207.99	0	0.000	0.00	
	20	14.9	28.9	14.9	110.70	0.00	0.21	319.00	208.10	0	0.000	0.00	
	21	13.3	30.5	13.3	110.71	0.00	0.13	319.00	208.16	0	0.000	0.00	
	22	13.3	28.9	13.3	110.70	0.00	0.13	319.00	208.17	0	0.000	0.00	
	23	13.3	27.4	13.3	110.69	0.00	0.13	319.00	208.18	0	0.000	0.00	
	24	34.4	44.7	7.2	110.82	28.20	2.97	319.00	205.21	1	0.905	53.15	
	25	231.8	306.9	141.8	113.31	90.00	28.21	319.44	178.92	2	0.898	141.79	
	26	248.4	330.5	158.4	113.61	90.00	28.21	319.35	178.84	2	0.898	141.76	
	27	188.5	213.5	78.5	111.89	90.00	28.21	319.24	179.18	2	0.898	141.95	
	28	69.2	189.7	7.2	111.51	62.00	13.30	319.00	194.30	2	0.906	106.91	
	29	54.1	91.5	7.2	111.12	46.90	7.66	319.00	200.22	3	0.870	80.06	
	30	43.8	72.9	7.2	111.00	36.60	4.67	319.00	203.33	1	0.908	66.25	
													62.98
May	1	37.2	61.9	7.2	110.93	30.00	3.13	319.00	204.94	1	0.907	54.66	
	2	33.7	56.3	7.2	110.89	26.50	2.45	319.00	205.67	1	0.894	47.75	
	3	32.0	54.3	7.2	110.87	24.80	2.14	319.00	205.99	1	0.884	44.28	
	4	44.7	61.9	7.2	110.93	37.50	4.90	319.00	203.18	1	0.906	67.66	
	5	53.2	72.1	7.2	111.01	44.00	7.37	319.00	200.62	2	0.867	78.39	
	6	49.4	72.9	7.2	111.00	42.20	6.20	319.00	201.80	2	0.851	71.05	
	7	34.4	61.9	7.2	110.93	28.20	2.87	319.00	205.11	1	0.905	53.12	
	8	32.0	32.4	7.2	110.86	24.80	2.14	319.00	206.00	1	0.884	44.28	
	9	29.4	44.7	7.2	110.82	22.20	1.72	319.00	206.46	1	0.866	38.08	
	10	27.8	44.8	7.2	110.81	20.60	1.48	319.00	206.71	1	0.851	33.53	
	11	30.3	43.6	7.2	110.83	23.10	1.86	319.00	206.31	1	0.873	40.76	
	12	65.4	106.2	7.2	111.22	58.30	11.80	319.00	195.96	2	0.900	100.59	
	13	43.8	83.9	7.2	111.07	33.80	4.41	319.00	203.31	1	0.910	64.62	
	14	37.2	66.3	7.2	110.96	30.00	3.13	319.00	204.91	1	0.907	54.66	
	15	33.7	54.3	7.2	110.87	26.50	2.45	319.00	205.68	1	0.894	47.76	
	16	30.3	48.6	7.2	110.83	23.10	1.86	319.00	206.31	1	0.873	40.76	
	17	27.8	44.8	7.2	110.81	20.60	1.48	319.00	206.71	1	0.851	33.53	
	18	24.1	43.9	7.2	110.79	16.90	1.24	319.00	206.96	1	0.834	31.97	
	19	24.5	42.9	7.2	110.79	17.30	1.04	319.00	207.16	1	0.816	28.66	
	20	23.0	30.7	7.2	110.77	15.80	0.87	319.00	207.36	1	0.797	25.59	
	21	22.2	34.2	22.2	110.76	0.00	0.78	319.00	207.48	0	0.000	0.00	
	22	21.4	34.7	21.4	110.75	0.00	0.70	319.00	207.55	0	0.000	0.00	
	23	21.4	34.7	21.4	110.75	0.00	0.70	319.00	207.55	0	0.000	0.00	
	24	20.6	35.1	20.6	110.74	0.00	0.63	319.00	207.63	0	0.000	0.00	
	25	20.6	35.1	20.6	110.74	0.00	0.63	319.00	207.63	0	0.000	0.00	
	26	19.8	33.3	19.8	110.73	0.00	0.55	319.00	207.72	0	0.000	0.00	
	27	19.8	33.9	19.8	110.72	0.00	0.55	319.00	207.73	0	0.000	0.00	
	28	19.0	32.0	19.0	110.72	0.00	0.48	319.00	207.80	0	0.000	0.00	
	29	18.1	30.5	18.1	110.71	0.00	0.41	319.00	207.88	0	0.000	0.00	
	30	17.4	30.5	17.4	110.71	0.00	0.36	319.00	207.93	0	0.000	0.00	
	31	17.4	29.5	17.4	110.71	0.00	0.36	319.00	207.93	0	0.000	0.00	32.47
Jun.	1	18.1	30.5	18.1	110.71	0.00	0.41	319.00	207.88	0	0.000	0.00	
	2	19.0	28.9	19.0	110.70	0.00	0.48	319.00	207.82	0	0.000	0.00	
	3	18.1	28.9	18.1	110.70	0.00	0.41	319.00	207.89	0	0.000	0.00	
	4	18.1	27.4	18.1	110.69	0.00	0.41	319.00	207.90	0	0.000	0.00	
	5	18.1	32.0	18.1	110.72	0.00	0.41	319.00	207.87	0	0.000	0.00	
	6	37.2	41.4	7.2	110.78	30.00	3.13	319.00	205.08	1	0.907	54.70	
	7	50.4	64.3	7.2	110.96	43.20	6.20	319.00	201.55	2	0.856	73.01	
	8	52.2	70.7	7.2	110.99	44.00	7.37	319.00	200.65	2	0.867	78.40	
	9	54.8	72.9	7.2	111.00	51.40	9.27	319.00	198.73	2	0.895	88.94	
	10	109.9	125.2	18.9	111.54	90.00	28.21	319.07	179.52	2	0.898	142.00	
	11	282.4	439.9	192.4	113.72	90.00	28.21	319.57	178.65	2	0.898	141.61	
	12	307.2	515.3	217.2	113.96	90.00	28.21	319.63	178.44	2	0.959	141.49	
	13	208.3	317.2	118.3	112.35	90.00	28.21	319.40	178.83	2	0.899	141.73	
	14	139.4	206.6	49.4	111.83	90.00	28.21	319.19	179.15	2	0.898	141.95	
	15	144.2	273.5	54.2	112.16	90.00	28.21	319.21	178.83	2	0.898	141.73	
	16	200.2	334.3	110.2	112.42	90.00	28.21	319.37	178.74	2	0.999	141.67	
	17	154.8	240.5	64.8	112.10	90.00	28.21	319.34	178.93	2	0.898	141.79	
	18	115.7	194.4	25.7	111.76	90.00	28.21	319.10	179.13	2	0.898	141.92	
	19	90.9	162.0	7.2	111.57	83.70	24.40	319.00	183.03	2	0.906	135.96	
	20	76.7	136.3	7.2	111.41	69.50	16.82	319.00	190.76	2	0.911	118.39	
	21	69.2	116.9	7.2	111.29	62.00	13.39	319.00	194.32	2	0.906	106.92	
	22	63.5	105.7	7.2	111.21	56.30	11.04	319.00	196.76	2	0.896	97.29	
	23	60.7	93.8	7.2	111.14	53.50	9.97	319.00	197.88	2	0.900	92.33	
	24	57.8	84.3	7.2	111.09	50.60	8.92	319.00	198.99	2	0.882	87.04	
	25	54.1	77.3	7.2	111.03	46.90	7.66	319.00	200.31	2	0.870	80.30	
	26	48.5	72.9	7.2	111.00	41.30	5.84	319.00	202.06	2	0.847	69.28	
	27	42.8	68.5	7.2	110.97	35.60	4.41	319.00	203.62	1	0.910	64.66	
	28	39.1	64.3	7.2	110.96	31.90	3.54	319.00	204.52	1	0.911	58.23	
	29	35.5	61.9	7.2	110.93	28.30	2.79	319.00	205.39	1	0.902	51.95	
	30	32.9	58.1	7.2	110.90	25.70	2.30	319.00	205.80	1	0.890	44.12	
													85.95

POWER GENERATION SIMULATION

Data As is B — Rated Head : 179.30 m — Installed Capacity : 162.0 MW

Year : 1949 — F.S.L.= 319.00 m — Max. Plant Discharge : 90.00 cms

Date		Discharge Dam (cms)	Discharge P/H (cms)	R.M.P or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit no's	Effiein ncy	Output MW	Monthl y Ave. MW	
Jul.	1	51.2	54.3	7.2	110.87	34.0	2.01	319.00	204.12	1	0.879	42.42		
	2	29.4	32.4	7.2	110.86	32.2	1.72	319.00	206.42	1	0.865	34.57		
	3	27.8	48.6	7.2	110.83	30.6	1.48	319.00	206.69	1	0.851	55.52		
	4	27.0	46.7	7.2	110.82	18.8	1.37	319.00	206.81	1	0.843	53.83		
	5	27.0	44.7	7.2	110.82	18.8	1.37	319.00	206.81	1	0.843	53.85		
	6	27.0	44.7	7.2	110.82	18.8	1.37	319.00	206.81	1	0.843	53.85		
	7	26.1	43.9	7.2	110.79	18.9	1.24	319.00	206.94	1	0.834	51.97		
	8	26.1	43.9	7.2	110.79	18.9	1.24	319.00	206.94	1	0.834	51.97		
	9	26.1	41.4	7.2	110.78	18.9	1.24	319.00	206.97	1	0.834	51.98		
	10	25.4	41.4	7.2	110.78	18.2	1.15	319.00	207.06	1	0.826	50.52		
	11	25.4	39.7	7.2	110.77	18.2	1.15	319.00	207.07	1	0.826	50.52		
	12	25.4	41.4	7.2	110.78	18.2	1.15	319.00	207.06	1	0.826	50.52		
	13	24.9	36.2	7.2	110.76	17.5	1.04	319.00	207.20	1	0.816	48.66		
	14	24.9	36.2	7.2	110.76	17.5	1.04	319.00	207.20	1	0.816	48.66		
	15	24.5	34.7	7.2	110.75	17.5	1.04	319.00	207.21	1	0.816	48.66		
	16	34.7	44.8	7.2	110.81	27.5	2.63	319.00	205.56	1	0.949	69.79		
	17	76.7	68.5	7.2	110.97	68.1	16.62	319.00	191.21	2	0.911	118.68		
	18	48.5	56.3	7.2	111.16	41.3	5.84	319.00	201.80	2	0.867	89.23		
	19	37.3	54.3	7.2	110.87	30.0	5.33	319.00	204.99	1	0.907	54.48		
	20	57.8	64.5	7.2	110.97	50.6	8.61	319.00	199.11	2	0.863	97.10		
	21	54.0	64.3	7.2	110.96	48.8	8.29	319.00	199.75	2	0.877	83.74		
	22	41.9	60.0	7.2	110.91	34.7	4.19	319.00	202.99	1	0.911	63.18		
	23	32.9	48.6	7.2	110.83	23.7	2.30	319.00	205.87	1	0.890	46.14		
	24	44.7	52.4	7.2	110.86	37.5	4.90	319.00	203.34	1	0.906	67.68		
	25	54.0	60.0	7.2	110.91	48.8	8.29	319.00	199.79	2	0.877	83.76		
	26	48.5	60.0	7.2	110.91	41.3	5.84	319.00	202.15	2	0.867	99.33		
	27	43.8	54.3	7.2	110.87	34.6	4.67	319.00	203.46	1	0.908	64.29		
	28	41.9	52.4	7.2	110.86	34.7	4.19	319.00	203.95	1	0.911	63.19		
	29	40.5	48.6	7.2	110.83	32.8	3.75	319.00	204.43	1	0.911	59.89		
	30	38.1	46.7	7.2	110.82	30.9	3.33	319.00	204.85	1	0.909	56.40		
	31	35.5	44.8	7.2	110.81	28.5	2.79	319.00	205.40	1	0.902	51.96	51.09	
Aug.	1	34.7	42.9	7.2	110.79	27.5	2.63	319.00	205.57	1	0.900	49.80		
	2	33.7	41.4	7.2	110.78	26.5	2.45	319.00	205.77	1	0.894	47.78		
	3	32.9	39.7	7.2	110.77	25.7	2.30	319.00	205.93	1	0.890	46.15		
	4	31.3	36.2	7.2	110.74	24.0	2.01	319.00	206.33	1	0.879	43.66		
	5	30.3	34.7	7.2	110.75	23.1	1.86	319.00	206.39	1	0.873	40.78		
	6	53.2	30.3	7.2	110.85	44.0	7.37	319.00	200.78	2	0.867	78.47		
	7	111.8	183.6	21.8	111.69	90.0	28.21	319.08	179.18	2	0.898	141.95		
	8	216.8	280.0	126.8	112.19	90.0	28.21	319.42	179.01	2	0.898	141.84		
	9	190.3	244.3	100.3	112.02	90.0	28.21	319.31	179.11	2	0.898	141.91		
	10	163.6	238.1	73.6	111.94	90.0	28.21	319.27	179.12	2	0.898	141.91		
	11	181.8	250.8	91.8	112.06	90.0	28.21	319.35	179.04	2	0.898	141.87		
	12	148.0	197.9	58.0	111.75	90.0	28.21	319.22	179.23	2	0.898	141.96		
	13	112.8	156.3	22.8	111.54	90.0	28.21	319.08	179.34	2	0.898	142.00		
	14	91.9	136.3	7.2	111.41	64.7	24.59	318.90	182.40	2	0.904	137.09		
	15	82.4	125.2	7.2	111.34	75.2	19.68	318.80	187.96	2	0.911	126.22		
	16	73.0	119.7	7.2	111.31	65.8	15.08	318.80	182.61	2	0.909	112.94		
	17	62.5	103.7	7.2	111.21	55.5	10.65	318.80	187.14	2	0.894	95.33		
	18	58.8	91.3	7.2	111.12	51.6	9.27	318.80	198.80	2	0.865	84.87		
	19	36.9	53.9	7.2	111.07	49.7	8.62	318.00	199.52	2	0.879	85.37		
	20	54.0	77.9	7.2	111.05	48.8	8.29	318.00	199.68	2	0.877	83.70		
	21	74.0	68.9	7.2	111.11	66.8	13.54	318.00	192.35	2	0.910	114.59		
	22	54.8	106.2	7.2	111.23	51.6	9.27	318.00	198.51	2	0.885	84.82		
	23	67.3	96.3	7.2	111.16	60.1	12.58	318.00	195.26	2	0.903	105.85		
	24	64.5	86.7	7.2	111.17	57.3	11.43	318.00	196.39	2	0.896	99.06		
	25	37.8	91.3	7.2	111.12	30.6	8.92	318.00	198.96	2	0.862	87.02		
	26	52.2	78.5	7.2	111.04	45.0	7.05	318.00	200.05	2	0.868	76.45		
	27	52.2	83.9	7.2	111.07	45.0	7.05	318.00	200.07	2	0.863	76.44		
	28	68.3	106.2	7.2	111.22	61.1	13.00	318.00	194.78	2	0.904	105.48		
	29	77.7	119.7	7.2	111.31	70.5	17.51	318.00	190.36	2	0.911	119.99		
	30	67.3	111.4	7.2	111.26	60.1	12.58	318.00	195.16	2	0.903	103.79		
	31	69.7	101.2	7.2	111.19	53.5	8.97	318.00	197.84	2	0.890	93.11	99.89	
Sep.	1	56.0	84.8	7.2	111.11	48.8	8.29	318.00	199.60	2	0.876	83.66		
	2	54.1	81.7	7.2	111.06	46.9	7.66	318.00	200.26	2	0.870	80.08		
	3	52.2	72.9	7.2	111.00	45.0	7.05	318.00	200.95	2	0.863	76.47		
	4	50.4	70.7	7.2	110.99	43.2	6.50	318.00	201.52	2	0.858	73.00		
	5	54.0	72.9	7.2	111.00	48.8	8.29	318.00	199.71	2	0.877	83.72		
	6	53.2	75.1	7.2	111.01	46.0	7.37	318.00	200.42	2	0.867	78.39		
	7	49.4	66.3	7.2	110.96	42.2	6.20	318.00	201.84	2	0.851	71.07		
	8	43.5	58.1	7.2	110.90	36.6	4.67	318.00	203.44	1	0.908	64.28		
	9	40.0	54.3	7.2	110.87	32.8	3.75	318.00	204.38	1	0.911	59.88		
	10	38.1	50.5	7.2	110.85	30.9	3.33	318.00	204.85	1	0.909	56.40		
	11	62.5	60.0	7.2	110.91	53.5	10.65	318.00	197.44	2	0.894	93.49		
	12	158.1	200.3	108.1	111.79	90.0	28.21	319.37	179.57	2	0.898	142.00		
	13	241.2	330.3	191.2	112.33	90.0	28.21	319.48	178.94	2	0.898	141.80		
	14	173.5	231.4	83.5	111.86	90.0	28.21	319.30	179.13	2	0.898	141.92		
	15	145.1	189.3	55.1	111.71	90.0	28.21	319.21	179.29	2	0.898	142.00		
	16	134.7	176.7	44.7	111.66	90.0	28.21	319.17	179.30	2	0.898	142.00		
	17	173.5	306.6	83.5	111.83	90.0	28.21	319.30	179.26	2	0.898	142.00		
	18	193.5	257.3	103.5	112.09	90.0	28.21	319.36	179.06	2	0.898	141.87		
	19	163.5	234.6	73.5	111.97	90.0	28.21	319.27	179.09	2	0.898	141.89		
	20	138.4	184.4	48.4	111.76	90.0	28.21	319.19	179.22	2	0.898	141.97		
	21	127.1	176.7	37.1	111.66	90.0	28.21	319.14	179.28	2	0.898	142.00		
	22	120.4	167.8	30.4	111.61	90.0	28.21	319.12	179.30	2	0.898	142.00		
	23	104.3	150.5	14.3	111.50	90.0	28.21	319.04	179.33	2	0.898	142.00		
	24	90.0	128.0	7.2	111.36	82.8	23.86	319.00	183.76	2	0.906	135.15		
	25	81.5	114.2	7.2	111.27	74.3	19.23	319.00	188.50	2	0.911	125.09		
	26	74.7	106.3	7.2	111.22	68.5	16.02	319.00	190.96	2	0.911	118.52		
	27	74.0	98.7	7.2	111.17	66.8	15.54	319.00	192.29	2	0.910	114.55		
	28	71.1	93.8	7.2	111.14	63.9	14.22	319.00	193.64	2	0.908	110.07		
	29	64.5	84.8	7.2	111.11	57.3	11.43	319.00	196.46	2	0.901	99.10		
	30	94.8	128.0	7.2	111.36	87.6	24.73	319.00	180.91	2	0.901	139.95		
													112.11	

Date		Discharge Dam (cms)	Discharge P/H (cms)	R.M.P or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit no's	Effiein ncy	Output MW	Monthl y Ave. MW	
Oct.	1	88.2	122.5	7.2	111.33	81.02	22.85	319.00	184.81	2	0.908	135.20		
	2	73.0	106.2	7.2	111.22	65.80	15.08	319.00	182.70	2	0.909	112.99		
	3	63.5	91.3	7.2	111.12	56.50	11.04	319.00	186.84	2	0.886	97.34		
	4	54.8	81.7	7.2	111.06	51.60	9.27	319.00	198.67	2	0.865	88.91		
	5	98.6	105.7	8.0	111.21	90.00	28.21	319.01	179.59	2	0.898	142.00		
	6	111.8	138.1	21.9	111.43	90.00	28.21	319.08	179.44	2	0.898	142.00		
	7	91.9	122.5	7.2	111.33	84.70	24.59	319.00	182.89	2	0.904	137.15		
	8	78.7	101.2	7.2	111.19	72.50	17.80	319.00	189.01	2	0.912	131.57		
	9	68.3	91.3	7.2	111.12	62.00	13.30	319.00	194.49	2	0.906	107.02		
	10	63.5	81.7	7.2	111.06	54.30	11.04	319.00	196.90	2	0.896	97.38		
	11	61.7	78.5	7.2	111.04	54.30	10.34	319.00	197.61	2	0.902	94.19		
	12	60.7	81.7	7.2	111.06	53.50	9.97	319.00	197.97	2	0.900	92.38		
	13	59.8	77.3	7.2	111.03	52.30	9.64	319.00	198.35	2	0.898	90.76		
	14	51.3	73.9	7.2	111.00	44.10	6.77	319.00	201.23	2	0.859	74.76		
	15	47.5	68.5	7.2	110.97	40.30	5.66	319.00	202.37	2	0.843	67.55		
	16	51.3	64.1	7.2	110.94	44.10	6.77	319.00	201.29	2	0.859	74.76		
	17	54.9	64.1	7.2	110.94	48.70	8.40	319.00	199.44	2	0.879	83.44		
	18	53.4	61.9	7.2	110.93	47.20	6.50	319.00	201.54	2	0.856	73.03		
	19	47.5	60.0	7.2	110.91	40.70	5.66	319.00	202.43	2	0.843	67.37		
	20	45.9	60.0	7.2	110.91	38.80	5.16	319.00	202.91	1	0.903	68.15		
	21	54.1	61.9	7.2	110.93	44.90	7.66	319.00	200.41	2	0.870	80.15		
	22	80.6	77.3	7.2	111.03	73.40	13.76	319.00	189.21	2	0.912	134.06		
	23	71.1	93.8	7.2	111.14	63.90	14.22	319.00	193.64	2	0.908	110.07		
	24	54.9	72.1	7.2	111.01	48.60	8.29	319.00	199.69	2	0.877	83.71		
	25	50.4	64.1	7.2	110.94	43.30	6.50	319.00	201.54	2	0.856	73.02		
	26	44.6	54.2	7.2	110.89	38.40	5.41	319.00	202.71	1	0.903	70.43		
	27	45.7	52.4	7.2	110.84	38.50	5.16	319.00	202.96	1	0.905	69.16		
	28	45.7	54.2	7.2	110.87	38.50	5.16	319.00	202.96	1	0.905	69.16		
	29	47.5	58.1	7.2	110.90	40.30	5.66	319.00	202.44	2	0.843	67.38		
	30	45.7	60.0	7.2	110.91	38.50	5.16	319.00	202.95	1	0.905	69.15		
	31	49.9	54.3	7.2	110.87	42.80	3.75	319.00	204.38	1	0.911	29.86	91.76	
Nov.	1	33.5	44.6	7.2	110.83	26.90	2.79	319.00	205.36	1	0.902	51.96		
	2	32.9	44.8	7.2	110.81	25.70	2.30	319.00	205.89	1	0.890	46.14		
	3	32.0	42.9	7.2	110.79	24.80	2.16	319.00	206.06	1	0.884	44.30		
	4	31.3	39.7	7.2	110.77	24.00	2.01	319.00	206.22	1	0.879	42.66		
	5	30.4	34.7	7.2	110.73	22.30	1.72	319.00	206.51	1	0.866	38.98		
	6	31.3	46.6	7.2	110.83	24.00	2.01	319.00	206.16	1	0.879	42.65		
	7	44.6	72.1	7.2	111.01	38.40	5.41	319.00	202.58	1	0.903	70.38		
	8	41.0	66.3	7.2	110.96	33.80	3.98	319.00	204.07	1	0.911	61.62		
	9	37.2	54.3	7.2	110.87	30.00	3.33	319.00	204.99	1	0.907	54.48		
	10	35.5	61.9	7.2	110.93	28.30	2.79	319.00	205.38	1	0.902	51.35		
	11	40.0	60.0	7.2	110.91	32.80	3.75	319.00	204.34	1	0.911	59.87		
	12	35.5	56.2	7.2	110.89	28.30	2.79	319.00	205.32	1	0.902	51.36		
	13	28.6	44.8	7.2	110.81	21.40	1.59	319.00	206.40	1	0.859	37.20		
	14	23.8	41.4	7.2	110.78	16.60	0.84	319.00	207.26	1	0.807	27.22		
	15	21.4	30.2	7.2	110.70	14.20	0.70	319.00	207.54	0	0.000	0.00		
	16	18.8	34.7	7.2	110.75	12.60	0.55	319.00	207.70	0	0.000	0.00		
	17	19.0	33.5	7.2	110.73	11.80	0.48	319.00	207.79	0	0.000	0.00		
	18	19.0	33.5	7.2	110.73	11.80	0.48	319.00	207.79	0	0.000	0.00		
	19	19.0	32.0	7.2	110.72	11.80	0.48	319.00	207.80	0	0.000	0.00		
	20	18.1	30.5	7.2	110.71	10.90	0.41	319.00	207.88	0	0.000	0.00		
	21	18.1	27.4	7.2	110.69	10.90	0.41	319.00	207.88	0	0.000	0.00		
	22	18.1	26.1	7.2	110.68	10.90	0.41	319.00	207.91	0	0.000	0.00		
	23	18.1	30.5	7.2	110.71	10.90	0.41	319.00	207.88	0	0.000	0.00		
	24	32.0	41.4	7.2	110.78	24.80	2.16	319.00	206.07	1	0.885	44.50		
	25	29.4	39.7	7.2	110.77	22.20	1.72	319.00	206.51	1	0.866	38.98		
	26	30.5	44.7	7.2	110.82	23.10	1.86	319.00	206.32	1	0.873	40.78		
	27	29.4	42.9	7.2	110.79	22.20	1.72	319.00	206.49	1	0.866	38.98		
	28	24.6	39.7	7.2	110.77	21.40	1.59	319.00	206.63	1	0.859	37.21		
	29	23.0	33.5	7.2	110.73	15.60	0.87	319.00	207.40	1	0.797	25.49		
	30	18.8	27.4	7.2	110.69	12.40	0.55	319.00	207.76	0	0.000	0.00		
													30.18	
Dec.	1	20.6	24.1	7.2	110.68	13.40	0.63	319.00	207.70	0	0.000	0.00		
	2	18.8	24.1	7.2	110.68	12.60	0.55	319.00	207.77	0	0.000	0.00		
	3	18.1	24.9	7.2	110.67	10.90	0.41	319.00	207.92	0	0.000	0.00		
	4	17.4	24.9	7.2	110.67	10.20	0.36	319.00	207.97	0	0.000	0.00		
	5	16.5	23.7	7.2	110.66	9.30	0.29	319.00	208.04	0	0.000	0.00		
	6	16.5	24.9	7.2	110.67	9.30	0.30	319.00	208.03	0	0.000	0.00		
	7	22.2	32.4	7.2	110.86	13.60	0.79	319.00	207.36	0	0.000	0.00		
	8	34.7	30.7	7.2	110.69	27.50	2.63	319.00	205.56	1	0.949	69.79		
	9	29.4	32.4	7.2	110.84	22.20	1.72	319.00	206.42	1	0.865	38.87		
	10	21.4	30.5	7.2	110.85	14.20	0.70	319.00	207.63	0	0.000	0.00		
	11	24.5	42.9	7.2	110.79	17.30	1.04	319.00	207.16	1	0.816	28.66		
	12	32.9	42.6	7.2	110.85	25.70	2.30	319.00	205.87	1	0.890	46.14		
	13	53.2	75.1	7.2	111.01	43.00	7.05	319.00	200.95	2	0.863	76.47		
	14	29.4	32.4	7.2	110.84	22.20	1.72	319.00	206.42	1	0.865	38.87		
	15	24.9	34.2	7.2	110.76	17.30	1.04	319.00	207.20	1	0.816	28.66		
	16	23.0	33.5	7.2	110.73	13.80	0.87	319.00	207.40	1	0.797	25.48		
	17	21.4	30.5	7.2	110.71	14.20	0.70	319.00	207.59	0	0.000	0.00		
	18	20.6	27.4	7.2	110.69	13.40	0.63	319.00	207.69	0	0.000	0.00		
	19	19.0	24.9	7.2	110.67	11.80	0.48	319.00	207.85	0	0.000	0.00		
	20	18.1	23.7	7.2	110.66	10.90	0.41	319.00	207.93	0	0.000	0.00		
	21	17.4	22.5	7.2	110.65	10.20	0.36	319.00	207.99	0	0.000	0.00		
	22	15.8	20.0	7.2	110.63	8.60	0.26	319.00	208.13	0	0.000	0.00		
	23	20.5	21.3	7.2	110.64	13.40	0.63	319.00	207.73	0	0.000	0.00		
	24	18.1	23.7	7.2	110.66	10.90	0.41	319.00	207.93	0	0.000	0.00		
	25	14.2	21.3	7.2	110.64	7.00	0.17	319.00	208.19	0	0.000	0.00		
	26	11.9	20.0	7.2	110.63	4.70	0.08	319.00	208.29	0	0.000	0.00		
	27	13.3	17.6	7.2	110.62	6.10	0.13	319.00	208.25	0	0.000	0.00		
	28	24.5	17.6	7.2	110.62	17.30	1.04	319.00	207.34	1	0.816	28.68		
	29	72.0	94.8	7.2	111.11	64.80	14.62	319.00	193.27	2	0.908	111.31		
	30	99.5	108.6	9.5	111.24	90.00	28.21	319.02	179.57	2	0.898	142.00		
	31	75.8	114.2	7.2	111.27	64.40	16.39	319.00	191.24	2	0.911	117.17	73.62	

POWER GENERATION SIMULATION

Year : 1950

Dam Axis @ : Rated Head : 179.50 m
F.S.L. = 319.00 m Max. Plant Discharge : 90.00 cms

Installed Capacity : 142.0 MW

Date		Dischargs Dam (cms)	Discharge P.H (cms)	RMF or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Resv level	Effect. Head h	Unit	Efficie ncy	Output MW	Monthl y Ave. MW
Jan	1	91.3	77.3	7.2	111.03	44.1	6.77	319.00	201.20	2	0.839	74.72	
	2	43.8	61.8	7.2	110.93	33.6	4.41	319.00	203.65	1	0.910	64.47	
	3	60.7	83.9	7.2	111.07	53.5	9.87	319.00	197.94	2	0.860	83.37	
	4	61.7	81.7	7.2	111.06	54.5	10.34	319.00	197.80	2	0.862	84.18	
	5	71.1	138.0	7.2	111.36	63.9	14.52	319.00	193.42	2	0.808	109.93	
	6	115.3	162.9	35.7	111.45	90.0	20.21	319.10	179.44	2	0.888	142.00	
	7	104.3	136.3	14.3	111.41	90.0	20.21	319.04	179.42	2	0.889	142.00	
	8	90.0	110.7	7.2	111.31	82.8	33.88	319.00	183.81	2	0.906	135.18	
	9	80.3	133.5	7.2	111.40	81.0	22.85	319.00	184.75	2	0.908	139.16	
	10	203.6	324.3	113.6	113.43	90.0	20.21	319.36	178.75	2	0.899	141.66	
	11	237.6	468.0	207.6	113.66	90.0	20.21	319.51	178.72	2	0.899	141.65	
	12	236.5	351.5	146.5	112.99	90.0	20.21	319.47	178.77	2	0.899	141.69	
	13	167.6	245.3	77.6	112.51	90.0	20.21	319.28	178.86	2	0.899	141.73	
	14	139.8	228.1	59.9	111.94	90.0	20.21	319.15	179.00	2	0.898	141.64	
	15	103.3	159.1	13.3	111.55	90.0	20.21	319.04	179.27	2	0.898	142.00	
	16	70.1	139.7	7.2	111.31	62.9	13.78	319.00	199.51	2	0.907	108.57	
	17	63.5	90.7	7.2	111.17	56.3	11.04	319.00	196.79	2	0.906	97.31	
	18	55.1	83.9	7.2	111.07	47.9	7.59	319.00	199.94	2	0.873	81.98	
	19	48.5	79.5	7.2	111.04	41.3	5.94	319.00	202.01	2	0.847	69.37	
	20	53.2	93.8	7.2	111.16	44.0	7.37	319.00	200.49	2	0.847	70.53	
	21	57.2	83.9	7.2	111.07	50.0	3.13	319.00	204.79	1	0.907	54.62	
	22	43.7	79.5	7.2	111.04	36.5	5.16	319.00	202.79	1	0.903	69.11	
	23	83.4	153.4	7.2	111.52	76.3	20.22	319.00	187.26	2	0.911	127.37	
	24	139.4	228.1	49.4	111.94	90.0	20.21	319.19	179.04	2	0.898	141.86	
	25	102.5	164.9	12.5	111.59	90.0	20.21	319.03	179.23	2	0.898	141.84	
	26	87.2	153.5	7.2	111.60	80.0	22.28	319.00	185.31	2	0.900	132.00	
	27	66.1	106.2	7.2	111.22	59.2	12.21	319.00	195.57	2	0.902	102.29	
	28	51.3	86.3	7.2	111.09	44.1	6.77	319.00	201.14	2	0.859	74.70	
	29	43.7	77.3	7.2	111.03	36.5	5.16	319.00	202.81	1	0.903	69.12	
	30	51.3	93.8	7.2	111.14	44.1	6.77	319.00	201.09	2	0.858	74.47	
	31	78.7	139.7	7.2	111.31	71.5	17.66	319.00	188.88	2	0.912	121.29	109.13
Feb.	1	63.5	134.3	7.2	111.27	56.3	11.04	319.00	196.09	2	0.906	97.22	
	2	59.8	91.3	7.2	111.12	52.6	9.64	319.00	198.34	2	0.858	80.71	
	3	106.2	194.4	14.2	111.76	90.0	20.21	319.05	179.08	2	0.898	141.89	
	4	130.0	257.2	60.0	112.09	90.0	20.21	319.23	178.93	2	0.898	141.79	
	5	144.2	241.1	54.2	112.01	90.0	20.21	319.21	178.99	2	0.898	141.83	
	6	96.7	164.9	7.2	111.59	88.5	27.00	319.00	179.51	2	0.899	141.53	
	7	71.1	123.2	7.2	111.34	63.9	14.52	319.00	195.44	2	0.908	108.95	
	8	56.9	107.2	7.2	111.19	49.7	8.60	319.00	199.21	2	0.879	85.91	
	9	56.9	93.8	7.2	111.14	48.6	8.29	319.00	199.57	2	0.876	83.65	
	10	54.9	91.3	7.2	111.12	48.7	8.60	319.00	199.27	2	0.879	83.54	
	11	61.7	98.7	7.2	111.17	54.5	10.34	319.00	197.48	2	0.882	84.12	
	12	75.9	128.5	7.2	111.34	68.6	16.39	319.00	191.37	2	0.911	117.20	
	13	67.3	91.3	7.2	111.12	60.1	13.58	319.00	195.30	2	0.905	103.87	
	14	54.1	77.3	7.2	111.03	46.9	7.66	319.00	200.31	2	0.870	80.10	
	15	52.2	72.9	7.2	111.00	45.0	7.05	319.00	200.95	2	0.863	78.47	
	16	50.4	70.7	7.2	110.99	43.2	6.50	319.00	201.52	2	0.856	73.00	
	17	49.6	66.3	7.2	110.96	42.5	6.30	319.00	201.84	2	0.851	71.07	
	18	50.4	66.3	7.2	110.96	43.3	6.50	319.00	201.55	2	0.856	73.01	
	19	53.2	86.3	7.2	111.09	46.0	7.37	319.00	200.54	2	0.867	78.55	
	20	63.4	101.3	7.2	111.19	58.2	11.80	319.00	196.01	2	0.900	100.61	
	21	109.0	164.9	19.0	111.59	90.0	20.21	319.07	179.37	2	0.898	142.00	
	22	143.2	228.1	53.2	111.94	90.0	20.21	319.20	179.05	2	0.898	141.87	
	23	136.8	218.8	46.8	111.89	90.0	20.21	319.18	179.08	2	0.898	141.88	
	24	113.8	179.6	23.8	111.67	90.0	20.21	319.09	179.20	2	0.898	141.96	
	25	87.2	164.9	7.2	111.67	80.0	22.20	319.00	185.34	2	0.900	131.98	
	26	74.9	116.9	7.2	111.29	67.7	15.96	319.00	191.75	2	0.910	115.83	
	27	64.5	101.2	7.2	111.19	57.3	11.43	319.00	194.36	2	0.898	99.05	
	28	54.0	86.3	7.2	111.09	46.8	8.29	319.00	199.62	2	0.876	83.67	
													106.62
Mar.	1	63.5	156.3	7.2	111.54	56.3	11.04	319.00	196.42	2	0.906	97.11	
	2	190.3	372.8	100.3	113.56	90.0	20.21	319.35	178.57	2	0.899	141.56	
	3	411.5	655.8	321.5	115.23	90.0	20.21	319.84	178.60	2	0.899	141.45	
	4	399.6	651.7	309.6	115.23	90.0	20.21	319.82	178.58	2	0.899	141.44	
	5	574.2	981.4	484.2	115.10	90.0	20.21	319.77	178.44	2	0.899	141.49	
	6	580.8	991.7	368.8	112.91	90.0	20.21	319.61	178.49	2	0.899	141.51	
	7	185.0	277.7	95.0	112.44	90.0	20.21	319.33	178.89	2	0.899	141.63	
	8	142.5	230.8	52.5	112.06	90.0	20.21	319.20	178.95	2	0.899	141.79	
	9	125.2	234.9	35.2	111.92	90.0	20.21	319.14	179.00	2	0.898	141.84	
	10	116.7	197.5	26.7	111.78	90.0	20.21	319.10	179.12	2	0.898	141.91	
	11	98.1	162.0	7.2	111.57	81.9	23.56	319.00	184.87	2	0.907	134.04	
	12	72.7	136.3	7.2	111.41	70.5	17.31	319.00	190.28	2	0.911	139.82	
	13	64.4	125.3	7.2	111.34	59.2	12.21	319.00	195.45	2	0.901	102.22	
	14	63.5	129.7	7.2	111.31	56.3	11.04	319.00	196.65	2	0.899	97.23	
	15	67.3	108.6	7.2	111.24	60.1	13.58	319.00	195.18	2	0.903	103.80	
	16	67.3	106.2	7.2	111.22	60.1	13.58	319.00	195.20	2	0.903	103.81	
	17	59.8	98.7	7.2	111.17	52.6	9.64	319.00	198.19	2	0.898	90.68	
	18	56.9	106.2	7.2	111.22	49.7	8.60	319.00	199.18	2	0.879	85.29	
	19	54.1	84.3	7.2	111.16	46.9	7.66	319.00	200.18	2	0.870	80.04	
	20	50.4	86.3	7.2	111.09	43.2	6.50	319.00	201.41	2	0.856	72.95	
	21	47.5	72.9	7.2	111.00	40.3	5.66	319.00	202.34	2	0.843	67.34	
	22	45.7	66.3	7.2	110.96	38.5	5.16	319.00	202.88	1	0.903	69.14	
	23	58.1	60.0	7.2	110.91	50.9	3.53	319.00	204.76	1	0.909	56.58	
	24	54.7	54.2	7.2	110.89	47.5	2.63	319.00	205.48	1	0.899	49.77	
	25	51.3	54.3	7.2	110.87	44.0	2.01	319.00	206.12	1	0.879	43.82	
	26	54.7	54.3	7.2	110.87	47.5	2.63	319.00	205.49	1	0.899	49.77	
	27	54.7	54.3	7.2	110.87	47.5	2.63	319.00	205.49	1	0.899	49.77	
	28	69.0	61.9	7.2	110.93	33.8	9.73	319.00	204.53	1	0.511	29.86	
	29	44.7	81.7	7.2	111.06	37.5	4.00	319.00	205.04	1	0.506	67.43	
	30	48.5	128.0	7.2	111.36	41.3	5.94	319.00	201.70	2	0.847	69.14	
	31	59.4	116.9	7.2	111.29	43.2	6.50	319.00	201.31	2	0.855	72.86	97.29

Date		Discharge Dam (cms)	Discharge P.H (cms)	RMF or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Resv level	Effect. Head h	Unit	Efficie ncy	Output MW	Monthl y Ave. MW
Apr.	1	46.6	83.9	7.2	111.07	39.40	5.41	319.00	202.52	1	0.900	70.98	
	2	42.8	72.9	7.2	111.00	35.60	4.41	319.00	203.59	1	0.910	64.65	
	3	53.1	81.7	7.2	111.06	47.90	7.99	319.00	199.85	2	0.874	81.90	
	4	47.5	70.7	7.2	110.99	40.30	5.66	319.00	202.36	2	0.843	67.34	
	5	34.4	64.1	7.2	110.94	28.20	3.97	319.00	205.09	1	0.905	53.11	
	6	33.9	58.1	7.2	110.90	25.70	3.30	319.00	205.80	1	0.900	46.12	
	7	31.2	54.3	7.2	110.87	24.00	2.81	319.00	206.12	1	0.879	42.62	
	8	28.4	50.3	7.2	110.85	22.20	1.72	319.00	206.44	1	0.846	38.97	
	9	27.8	48.6	7.2	110.83	20.60	1.48	319.00	206.69	1	0.851	35.52	
	10	26.1	44.7	7.2	110.82	18.90	1.34	319.00	206.91	1	0.834	31.97	
	11	25.4	44.8	7.2	110.81	18.20	1.15	319.00	207.04	1	0.826	30.52	
	12	27.8	48.6	7.2	110.83	20.60	1.48	319.00	206.69	1	0.851	35.52	
	13	41.0	79.3	7.2	111.04	33.80	3.96	319.00	203.98	1	0.913	61.59	
	14	47.5	93.8	7.2	111.14	40.30	5.64	319.00	202.30	2	0.843	67.29	
	15	41.0	66.3	7.2	110.96	33.80	3.98	319.00	204.07	1	0.912	61.52	
	16	31.3	60.0	7.2	110.91	24.00	2.01	319.00	206.08	1	0.879	43.61	
	17	42.8	66.3	7.2	110.96	35.60	4.41	319.00	203.63	1	0.910	64.66	
	18	38.1	61.9	7.2	110.93	30.90	3.53	319.00	204.75	1	0.909	56.37	
	19	32.0	60.0	7.2	110.91	24.80	2.14	319.00	205.95	1	0.884	44.37	
	20	28.4	52.4	7.2	110.86	22.20	1.72	319.00	206.42	1	0.845	38.07	
	21	27.8	48.6	7.2	110.83	20.60	1.48	319.00	206.69	1	0.851	35.52	
	22	32.0	44.7	7.2	110.82	24.80	2.14	319.00	204.84	1	0.884	44.20	
	23	26.1	43.9	7.2	110.79	18.90	1.34	319.00	206.96	1	0.834	31.97	
	24	23.2	36.2	22.2	110.76	0.00	0.75	319.00	207.46	0	0.000	0.00	
	25	21.4	36.7	21.4	110.75	0.00	0.70	319.00	207.55	0	0.000	0.00	
	26	27.8	54.3	7.2	110.87	20.60	1.48	319.00	206.65	1	0.851	35.51	
	27	28.6	44.7	7.2	110.82	21.40	1.59	319.00	206.58	1	0.859	37.20	
	28	25.4	41.4	7.2	110.78	18.20	1.15	319.00	207.06	1	0.826	30.52	
	29	23.8	38.2	7.2	110.76	16.60	0.96	319.00	207.28	1	0.807	27.23	
	30	20.6	33.1	20.6	110.74	0.00	0.63	319.00	207.63	0	0.000	0.00	
													42.40
May	1	19.8	33.5	19.8	110.73	0.00	0.55	319.00	207.72	0	0.000	0.00	
	2	20.6	33.5	20.6	110.73	0.00	0.63	319.00	207.65	0	0.000	0.00	
	3	21.4	36.7	21.4	110.75	0.00	0.70	319.00	207.55	0	0.000	0.00	
	4	34.5	42.9	7.2	110.79	17.30	1.04	319.00	207.16	1	0.816	28.66	
	5	29.4	42.9	7.2	110.79	22.20	1.72	319.00	206.99	1	0.846	38.98	
	6	34.5	42.9	7.2	110.79	17.30	1.04	319.00	207.16	1	0.816	28.66	
	7	22.2	36.2	22.2	110.76	0.00	0.78	319.00	207.46	0	0.000	0.00	
	8	21.4	35.1	21.4	110.74	0.00	0.70	319.00	207.56	0	0.000	0.00	
	9	20.6	33.0	20.6	110.72	0.00	0.63	319.00	207.64	0	0.000	0.00	
	10	19.8	30.5	19.8	110.71	0.00	0.55	319.00	207.74	0	0.000	0.00	
	11	23.0	33.5	7.2	110.73	15.80	0.87	319.00	207.60	1	0.797	25.60	
	12	21.4	32.0	21.4	110.72	0.00	0.70	319.00	207.56	0	0.000	0.00	
	13	20.6	30.5	20.6	110.71	0.00	0.63	319.00	207.67	0	0.000	0.00	
	14	19.8	28.9	19.8	110.70	0.00	0.55	319.00	207.75	0	0.000	0.00	
	15	17.4	28.9	17.4	110.70	0.00	0.56	319.00	207.94	0	0.000	0.00	
	16	19.0	28.9	19.0	110.70	0.00	0.48	319.00	207.82	0	0.000	0.00	
	17	34.5	33.5	7.2	110.73	17.30	1.04	319.00	207.23	1	0.816	28.67	
	18	23.8	36.7	7.2	110.75	16.60	0.96	319.00	207.29	1	0.807	27.23	
	19	51.7	41.4	7.2	110.78	26.50	2.45	319.00	205.77	1	0.894	47.78	
	20	54.0	111.4	7.2	111.26	42.80	8.29	319.00	199.45	2	0.876	83.59	
	21	135.2	247.6	53.2	113.04	90.00	24.21	319.14	178.09	2	0.898	141.76	
	22	199.2	257.9	109.2	111.99	90.00	23.21	319.37	179.17	2	0.898	141.94	
	23	121.3	196.3	31.3	111.54	90.00	23.21	319.12	179.37	2	0.898	142.00	
	24	84.2	106.3	7.2	111.22	78.00	21.76	319.00	186.04	2	0.908	130.96	
	25	64.5	86.3	7.2	111.09	57.30	11.43	319.00	196.47	2	0.898	99.11	
	26	45.7	70.7	7.2	110.99	38.50	5.16	319.00	202.85	1	0.903	68.13	
	27	57.2	60.0	7.2	110.91	50.00	3.13	319.00	204.95	1	0.907	54.67	
	28	53.7	52.4	7.2	110.86	26.50	2.45	319.00	205.89	1	0.894	47.76	
	29	51.3	44.6	7.2	110.83	24.00	2.01	319.00	206.16	1	0.879	43.63	
	30	28.6	44.8	7.2	110.81	21.40	1.59	319.00	206.60	1	0.859	37.20	
	31	51.2	44.8	7.2	110.81	24.00	2.01	319.00	206.19	1	0.879	42.64	40.63
Jun.	1	52.9	48.6	7.2	110.83	25.70	2.30	319.00	205.87	1	0.890	44.14	
	2	54.4	52.4	7.2	110.86	29.20	2.97	319.00	205.17	1	0.905	53.14	
	3	52.9	50.3	7.2	110.85	25.70	2.30	319.00	205.85	1	0.890	44.13	
	4	52.0	44.7	7.2	110.82	24.80	2.14	319.00	206.04	1	0.844	44.20	
	5	27.0	42.9	7.2	110.79	19.80	1.37	319.00	206.84	1	0.844	33.86	
	6	28.6	42.9	7.2	110.79	21.40	1.59	319.00	206.61	1	0.859	37.21	
	7	27.2	68.5	7.2	110.97	20.00	3.13	319.00	204.90	1	0.907	54.65	
	8	79.1	150.6	7.2	111.50	42.90	13.78	319.00	193.72	2	0.907	108.25	
	9	73.0	123.2	7.2	111.34	65.80	15.08	319.00	192.54	2	0.900	112.92	
	10	56.0	84.8	7.2	111.11	48.80	8.29	319.00	199.80	2	0.876	83.66	
	11	46.6	77.3	7.2	111.03	39.40	5.41	319.00	202.56	1	0.900	70.39	
	12	41.9	68.5	7.2	110.97	34.70	4.19	319.00	203.84	1	0.911	63.16	
	13	38.1	60.9	7.2	110.91	30.90	3.33	319.00	204.76	1	0.908	56.35	
	14	33.5	54.3	7.2	110.87	26.30	2.79	319.00	205.34	1	0.903	51.37	
	15	53.7	52.4	7.2	110.86	26.50	2.45	319.00	205.89	1	0.894	47.76	
	16	33.5	50.5	7.2	110.85	26.30	2.79	319.00	205.36	1	0.902	51.37	
	17	33.5	50.5	7.2	110.85	26.30	2.79	319.00	205.54	1	0.902	51.37	
	18	53.7	44.7	7.2	110.82	26.50	2.45	319.00	205.73	1	0.894	47.77	
	19	29.4	44.8	7.2	110.81	22.20	1.72	319.00	206.48	1	0.846	38.98	
	20	28.6	42.9	7.2	110.79	21.40	1.59	319.00	206.61	1	0.859	37.21	
	21	27.0	41.4	7.2	110.78	19.80	1.37	319.00	206.85	1	0.844	33.86	
	22	34.1	36.7	7.2	110.77	18.90	1.24	319.00	206.98	1	0.834	31.98	
	23	23.4	39.7	7.2	110.77	18.20	1.15	319.00	207.07	1	0.826	30.52	
	24	24.3	39.7	7.2	110.77	17.30	1.04	319.00	207.19	1	0.816	28.66	
	25	24.1	39.7	7.2	110.77	16.90	1.24	319.00	206.98	1	0.834	31.98	
	26	24.5	38.2	7.2	110.76	17.30	1.04	319.00	207.20	1	0.816	28.66	
	27	23.0	36.7	7.2	110.73	15.80	0.87	319.00	207.38	1	0.797	25.59	
	28	22.2	33.5	22.2	110.73	0.00	0.78	319.00	207.49	0	0.000	0.00	
	29	21.4	33.5	21.4	110.73	0.00	0.70	319.00	207.57	0	0.000	0.00	
	30	19.8	33.5	19.8	110.73	0.00	0.55	319.00	207.72	0	0.000	0.00	
													44.91

POWER GENERATION SIMULATION

Dam Axis :
Year : 1950
F.S.L. =
Rated Head : 179.30 m
Max. Plant Discharge : 90.00 cms
Installed Capacity : 140.0 MW

Date		Discharge Dam (cms)	Discharge P/H (cms)	RMP or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Efficie ncy	Output MW	Monthly Ave. MW
Jul.	1	21.4	52.0	21.4	110.72	0.0	0.70	319.50	207.98	0	0.000	0.00	
	2	20.6	52.0	20.6	110.72	0.0	0.63	319.00	207.66	0	0.000	0.00	
	3	18.1	50.5	18.1	110.71	0.0	0.41	319.50	207.98	0	0.000	0.00	
	4	17.4	50.9	17.4	110.70	0.0	0.36	319.00	207.94	0	0.000	0.00	
	5	18.1	50.9	18.1	110.70	0.0	0.41	319.00	207.89	0	0.000	0.00	
	6	17.4	50.5	17.4	110.71	0.0	0.36	319.00	207.93	0	0.000	0.00	
	7	21.4	53.0	21.4	110.72	0.0	0.70	319.00	207.58	0	0.000	0.00	
	8	24.1	44.8	7.2	110.81	16.9	1.34	319.00	206.85	1	0.854	91.97	
	9	54.0	68.5	7.2	110.97	44.8	8.39	319.00	199.74	2	0.877	83.73	
	10	111.8	136.3	31.8	111.41	93.0	28.21	319.00	179.44	2	0.898	142.00	
	11	74.0	134.3	7.2	111.27	67.7	13.96	319.00	191.76	2	0.911	115.84	
	12	53.2	81.7	7.2	111.04	44.0	7.57	319.00	200.57	2	0.867	79.37	
	13	43.8	44.1	7.2	110.84	34.6	4.87	319.00	203.59	1	0.908	46.27	
	14	39.1	56.2	7.2	110.89	31.9	3.54	319.00	204.57	1	0.911	50.24	
	15	32.9	50.5	7.2	110.85	25.7	2.30	319.00	205.85	1	0.910	46.13	
	16	32.0	44.8	7.2	110.81	24.8	2.14	319.00	206.05	1	0.894	44.29	
	17	31.3	42.9	7.2	110.79	24.0	2.01	319.00	206.20	1	0.979	43.64	
	18	27.8	39.7	7.2	110.77	20.6	1.48	319.00	206.75	1	0.851	35.36	
	19	26.1	39.3	7.2	110.76	18.9	1.34	319.00	206.89	1	0.834	31.98	
	20	25.4	38.3	7.2	110.76	18.2	1.15	319.00	207.00	1	0.826	30.32	
	21	25.4	35.1	7.2	110.74	18.2	1.15	319.00	207.11	1	0.826	30.32	
	22	24.5	33.9	7.2	110.73	17.3	1.04	319.00	207.20	1	0.816	28.67	
	23	23.8	33.9	7.2	110.73	16.6	0.96	319.00	207.31	1	0.807	27.33	
	24	23.0	32.0	7.2	110.72	15.8	0.87	319.00	207.41	1	0.797	25.80	
	25	22.3	32.0	22.3	110.72	0.0	0.78	319.00	207.50	0	0.000	0.00	
	26	21.4	32.0	21.4	110.72	0.0	0.70	319.00	207.58	0	0.000	0.00	
	27	20.6	32.0	20.6	110.72	0.0	0.63	319.00	207.66	0	0.000	0.00	
	28	20.6	30.2	20.6	110.71	0.0	0.63	319.00	207.67	0	0.000	0.00	
	29	19.8	30.5	19.8	110.71	0.0	0.55	319.00	207.74	0	0.000	0.00	
	30	19.8	30.9	19.8	110.71	0.0	0.55	319.00	207.74	0	0.000	0.00	
	31	19.0	29.5	19.0	110.71	0.0	0.48	319.00	207.81	0	0.000	0.00	29.66
Aug.	1	19.0	30.5	19.0	110.71	0.0	0.48	319.50	207.81	0	0.000	0.00	
	2	19.8	32.0	19.8	110.72	0.0	0.55	319.00	207.73	0	0.000	0.00	
	3	21.4	33.5	21.4	110.73	0.0	0.70	319.00	207.57	0	0.000	0.00	
	4	24.5	39.7	7.2	110.77	17.3	1.04	319.00	207.19	1	0.816	28.66	
	5	31.2	44.8	7.2	110.81	24.0	2.01	319.00	206.19	1	0.879	42.64	
	6	39.4	39.2	7.2	110.76	32.2	1.72	319.00	206.52	1	0.946	56.89	
	7	27.0	33.1	7.2	110.74	19.8	1.37	319.00	206.86	1	0.844	33.57	
	8	24.5	32.0	7.2	110.72	17.3	1.04	319.00	207.24	1	0.816	28.67	
	9	21.4	32.0	21.4	110.72	0.0	0.70	319.00	207.58	0	0.000	0.00	
	10	39.1	38.2	7.2	110.76	31.9	3.54	319.00	204.49	1	0.911	50.28	
	11	94.8	84.3	7.2	111.00	87.6	24.75	319.00	181.18	2	0.901	140.12	
	12	197.8	188.5	47.8	111.73	90.0	28.21	319.25	179.32	2	0.892	142.00	
	13	260.0	372.5	170.0	112.56	90.0	28.21	319.37	178.75	2	0.899	141.67	
	14	568.4	637.9	478.4	113.18	90.0	28.21	320.11	178.72	2	0.899	141.66	
	15	445.9	539.4	355.9	112.97	90.0	28.21	319.90	178.72	2	0.899	141.66	
	16	227.1	257.3	137.1	112.09	90.0	28.21	319.44	178.15	2	0.898	141.57	
	17	151.9	179.6	61.9	111.67	90.0	28.21	319.23	179.33	2	0.898	142.00	
	18	117.6	138.1	27.6	111.43	90.0	28.21	319.11	179.44	2	0.898	142.00	
	19	108.0	135.2	18.0	111.34	90.0	28.21	319.07	179.51	2	0.898	142.00	
	20	99.3	108.6	9.3	111.24	90.0	28.21	319.02	179.57	2	0.898	142.00	
	21	90.6	116.9	8.6	111.29	90.0	28.21	319.01	179.51	2	0.898	142.00	
	22	113.8	133.5	33.8	111.40	90.0	28.21	319.09	179.44	2	0.898	142.00	
	23	97.7	128.0	7.7	111.36	90.0	28.21	319.00	179.43	2	0.898	142.00	
	24	90.0	105.7	7.2	111.21	82.8	22.05	319.00	183.81	2	0.906	135.25	
	25	74.9	91.3	7.2	111.12	67.7	13.96	319.00	191.91	2	0.911	115.94	
	26	71.1	81.7	7.2	111.04	63.9	14.32	319.00	195.72	2	0.908	130.12	
	27	62.5	79.7	7.2	110.99	55.3	10.65	319.00	197.36	2	0.894	92.65	
	28	54.9	66.3	7.2	110.96	49.7	8.40	319.00	199.44	2	0.879	85.43	
	29	54.0	66.7	7.2	110.96	48.8	8.29	319.00	199.75	2	0.877	83.74	
	30	51.3	61.9	7.2	110.93	44.1	6.77	319.00	201.30	2	0.859	74.77	
	31	50.4	60.0	7.2	110.91	43.2	6.50	319.00	201.59	2	0.856	73.01	91.97
Sep.	1	49.4	54.3	7.2	110.89	42.2	6.20	319.00	201.91	2	0.851	71.10	
	2	47.5	52.4	7.2	110.85	40.3	5.66	319.00	202.48	2	0.843	67.59	
	3	40.0	52.4	7.2	110.86	33.8	3.73	319.00	204.39	1	0.911	59.08	
	4	37.2	44.6	7.2	110.83	30.0	3.13	319.00	205.03	1	0.907	54.68	
	5	35.5	44.6	7.2	110.83	28.3	2.79	319.00	205.36	1	0.902	51.38	
	6	34.4	44.7	7.2	110.82	29.2	2.97	319.00	205.21	1	0.905	53.15	
	7	39.1	44.7	7.2	110.82	31.9	3.54	319.00	204.64	1	0.911	58.26	
	8	44.7	44.3	7.2	110.96	37.5	4.90	319.00	203.13	1	0.906	67.66	
	9	116.7	167.8	24.7	111.61	90.0	28.21	319.10	179.29	2	0.896	142.00	
	10	136.7	182.6	46.7	111.69	90.0	28.21	319.23	179.35	2	0.898	142.00	
	11	112.8	130.7	22.8	111.36	90.0	28.21	319.06	179.50	2	0.898	142.00	
	12	68.3	96.7	7.2	111.17	61.1	13.00	319.00	194.83	2	0.904	105.51	
	13	53.1	70.7	7.2	110.99	47.9	7.99	319.00	200.02	2	0.874	82.02	
	14	51.3	61.9	7.2	110.93	44.1	6.77	319.00	201.30	2	0.859	74.77	
	15	43.7	58.1	7.2	110.90	36.5	5.16	319.00	202.94	1	0.903	48.15	
	16	41.9	56.2	7.2	110.89	34.7	4.19	319.00	203.92	1	0.911	63.18	
	17	37.2	52.4	7.2	110.86	30.0	3.13	319.00	205.01	1	0.907	54.68	
	18	35.7	44.8	7.2	110.81	28.5	2.45	319.00	205.75	1	0.894	47.78	
	19	30.3	42.9	7.2	110.79	23.1	1.86	319.00	206.33	1	0.873	40.77	
	20	27.8	39.7	7.2	110.77	20.6	1.48	319.00	206.75	1	0.851	35.36	
	21	71.1	83.9	7.2	111.07	63.9	14.32	319.00	193.71	2	0.908	130.11	
	22	125.2	144.9	35.2	111.47	90.0	28.21	319.14	179.44	2	0.898	142.00	
	23	118.5	182.6	28.5	111.49	90.0	28.21	319.11	179.21	2	0.898	141.97	
	24	181.8	273.5	91.6	112.16	90.0	28.21	319.33	178.95	2	0.898	141.80	
	25	152.8	218.8	62.8	111.80	90.0	28.21	319.23	179.13	2	0.898	141.92	
	26	111.8	167.8	21.8	111.41	90.0	28.21	319.08	179.36	2	0.898	142.00	
	27	84.2	133.7	7.2	111.36	81.0	22.05	319.00	184.77	2	0.909	133.13	
	28	73.1	106.2	7.2	111.22	63.9	14.32	319.00	193.56	2	0.908	130.02	
	29	63.5	91.3	7.2	111.12	56.3	11.04	319.00	196.84	2	0.896	97.54	
	30	57.8	81.7	7.2	111.04	50.6	8.92	319.00	199.02	2	0.882	87.06	
													91.03

Date		Discharge Dam (cms)	Discharge P/H (cms)	RMP or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Efficie ncy	Output MW	Monthly Ave. MW
Oct.	1	53.3	75.1	7.2	111.01	44.00	7.57	319.00	200.62	2	0.867	78.59	
	2	48.5	70.7	7.2	110.99	41.30	5.94	319.00	202.07	2	0.847	69.30	
	3	43.8	66.3	7.2	110.96	36.60	4.67	319.00	203.39	1	0.905	44.27	
	4	40.0	60.0	7.2	110.91	32.80	3.75	319.00	204.34	1	0.911	59.87	
	5	37.2	59.5	7.2	110.85	30.00	3.13	319.00	205.02	1	0.907	54.69	
	6	32.3	66.3	7.2	110.96	43.00	7.05	319.00	202.99	2	0.843	74.49	
	7	64.9	81.7	7.2	111.04	57.30	11.43	319.00	194.51	2	0.896	99.12	
	8	53.2	75.1	7.2	111.01	44.00	7.57	319.00	200.62	2	0.867	78.59	
	9	44.7	64.1	7.2	110.94	37.30	4.90	319.00	203.16	1	0.906	47.46	
	10	43.5	86.3	7.2	111.09	34.30	11.06	319.00	194.87	2	0.804	97.36	
	11	88.1	176.7	7.2	111.66	81.90	23.36	319.00	183.98	2	0.907	130.80	
	12	174.6	327.4	84.6	112.40	90.00	28.21	319.30	178.95	2	0.898	141.64	
	13	268.6	341.2	178.6	112.45	90.00	28.21	319.34	178.72	2	0.899	141.66	
	14	171.5	270.3	81.5	112.13	90.00	28.21	319.20	178.93	2	0.898	141.79	
	15	276.4	445.1	186.4	112.86	90.00	28.21	319.56	178.31	2	0.899	141.52	
	16	778.0	1098.5	688.0	114.91	90.00	28.21	320.43	178.21	2	0.899	141.35	
	17	1113.7	1527.2	1023.7	114.47	90.00	28.21	320.90	178.22	2	0.899	141.36	
	18	812.9	1054.8	722.9	113.79	90.00	28.21	320.09	178.49	2	0.899	141.51	
	19	648.9	838.2	558.9	113.53	90.00	28.21	320.25	178.50	2	0.899	141.52	
	20	420.5	623.8	330.5	113.18	90.00	28.21	319.87	178.49	2	0.899	141.51	
	21	225.9	360.1	135.9	112.59	90.00	28.21	319.44	178.64	2	0.899	141.61	
	22	177.7	273.5	87.7	112.16	90.00	28.21	319.31	178.84	2	0.899	141.79	
	23	163.1	234.9	53.1	111.92	90.00	28.21	319.21	179.08	2	0.898	141.88	
	24	126.2	191.5	34.2	111.74	90.00	28.21	319.14	179.19	2	0.898	141.95	
	25	115.7	187.8	25.7	111.61	90.00	28.21	319.10	179.28	2	0.898	142.00	
	26	168.1	258.6	18.1	111.93	90.00	28.21	319.06	179.35	2	0.898	142.00	
	27	96.7	153.5	7.2	111.40	88.50	27.90	319.00	179.71	2	0.899	141.65	
	28	87.2	154.9	7.2	111.20	80.00	22.20	319.00	185.42	2	0.900	133.09	
	29	75.8	106.2	7.2	111.23	68.60	16.59	319.00	191.59	2	0.911	117.21	
	30	67.3	98.7	7.2	111.17	60.10	12.38	319.00	195.25	2	0.903	103.84	
	31	59.8	86.3	7.2	111.16	52.60	9.61	319.00	198.21	2	0.888	90.08	115.87
Nov.	1	53.2	98.7	7.2	111.17	44.00	7.57	319.00	200.46	2	0.867	78.31	
	2	51.3	84.3	7.2	111.09	44.10	6.77	319.00	201.14	2	0.859	74.70	
	3	56.0	78.3	7.2	111.04	48.80	9.29	319.00	198.66	2	0.877	83.70	
	4	53.2	72.9	7.2	111.00	44.00	7.57	319.00	200.62	2	0.867	78.40	
	5	48.5	70.7	7.2	110.99	41.30	5.94	319.00	202.07	2	0.847	69.30	
	6	44.7	64.3	7.2	110.94	37.50	4.90	319.00	203.15	1	0.906	47.46	
	7	43.0	64.1	7.2	110.94	36.00	4.67	319.00	203.39	1	0.905	44.27	
	8	42.8	64.1	7.2	110.94	35.60	4.61	319.00	203.45	1	0.910	44.66	
	9	43.8	70.7	7.2	110.99	36.60	4.67	319.00	203.33	1	0.905	44.26	
	10	44.7	72.9	7.2	111.00	37.50	4.90	319.00	203.10	1	0.906	47.64	
	11	47.5	68.5	7.2	110.97	40.30	5.66	319.00	202.37	2	0.843	67.35	
	12	47.5	66.5	7.2	110.97	40.30	5.66	319.00	202.37	2	0.843	67.35	
	13	53.1	78.5	7.2	111.04	47.90	7.99	319.00	199.04	2	0.874	82.00	
	14	57.8	86.3	7.2	111.16	50.60	8.92	319.00	198.03	2	0.882	87.05	
	15	57.8	81.7	7.2	111.04	50.60	8.92	319.00	198.02	2	0.882	87.06	
	16	44.7	88.5	7.2	110.77	37.50	4.90	319.00	203.13	1	0.906	47.45	
	17	37.2	61.9	7.2	110.93	30.00	3.13	319.00	204.94	1	0.907	54.68	
	18	36.3	60.0	7.2	110.91	23.10	1.86	319.00	206.23	1	0.873	40.79	
	19	35.5	58.1	7.2	110.90	26.30	2.79	319.00	205.21	1	0.902	51.36	
	20	33.9	58.1	7.2	110.90	25.70	2.30	319.00	205.80	1	0.893	44.12	
	21	34.1	64.3	7.2	110.94	30.90	3.39	319.00	204.72	1	0.909	54.36	
	22	51.3	77.3	7.2	111.03	44.10	6.77	319.00	201.20	2	0.859	74.72	
	23	42.8	70.7	7.2	110.99	35.60	4.61	319.00	203.42	1	0.910	44.65	
	24	32.9	64.1	7.2	110.94	25.70	2.30	319.00	205.76	1	0.880	44.11	
	25	32.0	56.3	7.2	110.89	24.80	2.14	319.00	205.87	1	0.864	44.27	
	26	30.9	50.9	7.2	110.85	23.70	1.86	319.00	206.20	1	0.873	40.75	
	27	29.4	52.4	7.2	110.86	22.20	1.72	319.00	206.42	1	0.865	36.97	
	28	31.2	58.1	7.2	110.90	24.00	2.01	319.00	206.08	1	0.879	42.61	
	29	37.2	66.3	7.2	110.96	30.00	3.13	319.00	204.91	1	0.907	54.66	
	30	34.4	50.1	7.2	110.85	29.20	2.97	319.00	205.18	1	0.905	53.14	
													63.61
Dec.	1	33.7	48.6	7.2	110.83	26.50	2.45	319.00	205.72	1	0.894	47.77	
	2	34.7	48.6	7.2	110.83	27.50	2.63	319.00	205.53	1	0.898	48.78	
	3	39.1	56.2	7.2	110.89	31.90	3.54	319.00	204.57	1	0.911	58.24	
	4	53.2	81.7	7.2	111.04	44.00	7.57	319.00	200.57	2	0.867	78.37	
	5	96.0	111.4	7.2	111.26	62.80	23.88	319.00	183.87	2	0.906	130.22	
	6	148.0	186.5	54.0	111.73	90.00	28.21	319.32	179.28	2	0.898	142.00	
	7	74.0	130.7	7.2	111.36	66.80	13.54	319.00	192.08	2	0.910	134.42	
	8	57.8	98.7	7.2	111.17	50.60	8.92	319.00	198.93	2	0.882	87.00	
	9	50.4	70.7	7.2	110.99	43.20	6.50	319.00	201.52	2	0.856	73.00	
	10	44.7	60.9	7.2	110.91	37.50	4.90	319.00	203.19	1	0.906	47.47	
	11	40.0	54.3	7.2	110.89	32.80	3.75	319.00	204.37	1	0.911	59.87	
	12	39.1	58.1	7.2	110.90	31.90	3.54	319.00	204.56	1	0.911	58.24	
	13	53.2	70.7	7.2	110.99	44.00	7.57	319.00	200.65	2	0.867	78.40	
	14	65.4	134.3	7.2	111.27	58.20	11.80	319.00	198.93	2	0.903	130.56	
	15	87.2	133.5	7.2	111.40	80.00	22.20	319.00	185.31	2	0.900	132.82	
	16	64.5	114.2	7.2	111.27	57.30	11.43	319.00	196.29	2	0.898	98.00	
	17	51.3	83.9	7.2	111.07	44.10	6.77	319.00	201.15	2	0.859	74.70	
	18	39.1	66.3	7.2	110.96	31.90	3.54	319.00	204.50	1	0.911	58.22	
	19	34.4	54.1	7.2	110.90	28.20	2.87	319.00	205.13	1	0.905	53.13	
	20	39.1	54.3	7.2	110.87	31.90	3.54	319.00	204.58	1	0.911	58.25	
	21	42.8	61.9	7.2	110.93	35.60	4.61	319.00	203.66	1	0.908	44.67	
	22	35.5	52.4	7.2	110.86	28.30	2.79	319.00	205.35	1	0.902	51.37	
	23	27.0	43.9	7.2	110.79	19.80	1.37	319.00	206.84	1	0.844	33.86	
	24	30.3	44.7	7.2	110.82	23.10	1.86	319.00	206.32	1	0.873	40.76	
	25	45.7	61.9	7.2	110.93	38.90	5.16	319.00	203.61	1	0.908	48.13	
	26	56.1	70.7	7.2	110.99	44.90	7.66	319.00	200.35	2	0.870	80.12	
	27	60.7	81.7	7.2	111.06	53.50	9.97	319.00	197.87	2	0.890	93.39	
	28	54.8	142.0	7.2	111.45	47.40	24.75	319.00	180.82	2	0.901	139.88	
	29	134.7	144.9	44.7	111.47	90.00	28.21	319.17	179.30	2	0.898	142.00	
	30	141.3	147.7	51.3	111.48	90.00	28.21	319.20	179.30	2	0.898	142.00	
	31	130.3	138.0	13.2	111.36	90.00	28.21	319.01	179.44	2	0.898	142.00	64.65

POWER GENERATION SIMULATION

Year : 1951

Dam Axis B
F.S.L. = 310.00 m

Rated Head : 179.30 m
Max. Plant Discharge : 90.00 cms

Installed Capacity : 143.0 MW

Date		Discharge Dam (cms)	Discharge P/H (cms)	RMF or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit nos	Effcie ncy	Output MW	Monthly Ave. MW
Jan.	1	94.9	111.4	7.2	111.36	87.6	26.71	319.00	181.02	2	0.901	140.02	
	2	74.0	84.5	7.3	111.69	66.8	15.54	319.00	163.77	2	0.910	114.60	
	3	63.5	73.9	7.2	111.00	55.3	10.65	319.00	157.33	2	0.894	95.44	
	4	55.1	64.1	7.3	110.94	47.9	7.99	319.00	203.07	2	0.874	83.05	
	5	109.3	61.9	13.2	110.93	90.0	26.21	319.05	179.91	2	0.897	143.00	
	6	164.2	176.7	54.2	111.66	90.0	26.21	319.31	179.34	2	0.896	143.00	
	7	146.0	200.5	98.0	111.79	90.0	26.21	319.33	179.22	2	0.896	141.97	
	8	96.7	147.7	7.2	111.48	89.5	27.80	319.00	179.63	2	0.899	141.39	
	9	72.0	191.2	7.2	111.39	64.8	14.45	319.00	183.19	2	0.909	111.44	
	10	64.3	79.9	7.2	111.04	57.1	11.43	319.00	184.52	2	0.909	99.13	
	11	74.9	98.7	7.2	111.17	67.7	13.96	319.00	181.27	2	0.911	115.80	
	12	93.8	108.6	7.2	111.24	84.6	26.12	319.00	181.54	2	0.902	139.08	
	13	143.8	119.7	22.0	111.31	90.0	26.21	319.08	179.54	2	0.896	143.00	
	14	99.5	111.4	9.5	111.26	90.0	26.21	319.02	179.51	2	0.896	143.00	
	15	89.9	111.4	7.2	111.26	83.7	24.40	319.00	180.33	2	0.900	138.17	
	16	153.7	196.3	43.7	111.41	90.0	26.21	319.17	179.54	2	0.896	143.00	
	17	108.1	128.0	18.1	111.36	90.0	26.21	319.06	179.49	2	0.896	143.00	
	18	97.7	134.2	7.7	111.27	90.0	26.21	319.00	179.52	2	0.896	143.00	
	19	148.0	228.1	58.0	111.54	90.0	26.21	319.22	179.07	2	0.898	141.86	
	20	232.9	320.9	142.9	112.41	90.0	26.21	319.51	179.08	2	0.896	141.76	
	21	214.6	270.3	124.6	112.15	90.0	26.21	319.42	179.06	2	0.896	141.87	
	22	181.8	224.9	91.8	111.92	90.0	26.21	319.32	179.19	2	0.896	141.95	
	23	153.8	185.5	63.8	111.71	90.0	26.21	319.24	179.32	2	0.896	142.00	
	24	170.5	215.8	80.6	111.84	90.0	26.21	319.29	179.20	2	0.896	141.96	
	25	149.0	200.5	59.0	111.79	90.0	26.21	319.22	179.23	2	0.896	141.97	
	26	139.9	215.8	59.9	111.84	90.0	26.21	319.15	179.07	2	0.896	141.86	
	27	189.4	196.6	28.4	111.76	90.0	26.21	319.11	178.14	2	0.896	141.93	
	28	105.2	147.7	15.2	111.48	90.0	26.21	319.25	179.35	2	0.896	142.00	
	29	97.7	139.1	7.7	111.43	90.0	26.21	319.00	179.34	2	0.896	142.00	
	30	143.2	183.6	53.2	111.68	90.0	26.21	319.20	179.30	2	0.896	142.00	
	31	214.2	270.3	124.2	112.15	90.0	26.21	319.41	179.07	2	0.896	141.87	134.09
Feb	1	254.1	296.6	164.1	112.27	90.0	26.21	319.51	178.03	2	0.896	141.85	
	2	256.5	336.0	166.5	112.58	90.0	26.21	319.52	178.92	2	0.896	141.79	
	3	231.8	304.9	141.8	112.31	90.0	26.21	319.44	178.93	2	0.896	141.79	
	4	312.7	358.3	222.7	112.51	90.0	26.21	319.64	178.92	2	0.896	141.78	
	5	361.3	448.1	271.3	113.04	90.0	26.21	319.74	178.49	2	0.895	141.64	
	6	408.6	573.1	318.6	113.60	90.0	26.21	319.83	178.53	2	0.895	141.54	
	7	378.1	522.6	288.1	113.36	90.0	26.21	319.70	178.51	2	0.895	141.52	
	8	281.3	419.9	191.2	112.72	90.0	26.21	319.37	178.63	2	0.895	141.61	
	9	203.6	286.5	113.6	112.22	90.0	26.21	319.16	178.95	2	0.896	141.80	
	10	156.7	228.1	66.7	111.84	90.0	26.21	319.25	179.10	2	0.896	141.90	
	11	129.3	206.6	53.3	111.83	90.0	26.21	319.13	179.09	2	0.896	141.89	
	12	132.8	185.5	42.8	111.71	90.0	26.21	319.17	179.25	2	0.896	141.99	
	13	106.2	153.4	16.2	111.52	90.0	26.21	319.05	179.21	2	0.896	142.00	
	14	98.2	153.5	7.2	111.40	81.0	22.05	319.00	184.75	2	0.908	133.16	
	15	78.7	139.7	7.2	111.31	71.5	17.80	319.00	189.89	2	0.912	121.29	
	16	76.7	114.2	7.2	111.27	69.5	16.92	319.00	190.90	2	0.911	118.48	
	17	78.7	139.7	7.2	111.51	71.5	17.80	319.00	189.89	2	0.912	121.29	
	18	100.4	162.0	10.4	111.57	90.0	26.21	319.02	179.24	2	0.896	141.99	
	19	139.4	257.3	49.4	112.09	90.0	26.21	319.19	179.09	2	0.896	141.77	
	20	138.4	208.7	48.4	111.84	90.0	26.21	319.19	179.13	2	0.896	141.82	
	21	120.4	157.8	30.4	111.61	90.0	26.21	319.12	179.30	2	0.896	142.00	
	22	117.4	178.6	27.6	111.67	90.0	26.21	319.11	179.22	2	0.896	141.97	
	23	195.7	330.6	105.7	112.57	90.0	26.21	319.36	178.78	2	0.895	141.70	
	24	442.9	540.7	352.9	113.86	90.0	26.21	319.90	178.63	2	0.895	141.60	
	25	428.0	532.4	338.0	113.84	90.0	26.21	319.87	178.62	2	0.895	141.59	
	26	486.3	577.3	396.3	113.99	90.0	26.21	319.97	178.67	2	0.895	141.63	
	27	438.5	602.1	348.5	113.14	90.0	26.21	319.89	178.54	2	0.896	141.54	
	28	375.7	503.2	285.7	112.93	90.0	26.21	319.77	178.63	2	0.895	141.59	
													139.16
Mar.	1	312.7	416.3	222.7	112.70	90.0	26.21	319.64	178.73	2	0.895	141.66	
	2	265.9	377.7	175.9	112.44	90.0	26.21	319.54	178.89	2	0.896	141.76	
	3	231.2	280.0	131.2	112.19	90.0	26.21	319.43	179.03	2	0.896	141.85	
	4	211.9	289.7	121.9	112.24	90.0	26.21	319.41	178.96	2	0.896	141.81	
	5	228.3	293.1	138.3	112.25	90.0	26.21	319.45	178.99	2	0.896	141.82	
	6	243.9	320.6	153.9	112.37	90.0	26.21	319.49	178.91	2	0.895	141.78	
	7	340.0	416.3	150.0	112.70	90.0	26.21	319.48	178.56	2	0.899	141.55	
	8	227.1	378.4	177.1	112.58	90.0	26.21	319.44	178.66	2	0.899	141.62	
	9	187.1	283.2	97.1	112.21	90.0	26.21	319.34	178.92	2	0.896	141.78	
	10	167.6	237.9	77.6	111.99	90.0	26.21	319.28	179.08	2	0.896	141.89	
	11	154.8	204.6	64.8	111.83	90.0	26.21	319.24	179.21	2	0.896	141.96	
	12	164.6	224.9	74.6	111.92	90.0	26.21	319.27	179.14	2	0.896	141.92	
	13	148.4	191.5	58.4	111.74	90.0	26.21	319.19	179.24	2	0.896	141.99	
	14	108.1	167.8	18.1	111.61	90.0	26.21	319.04	179.23	2	0.896	141.99	
	15	99.5	197.5	9.5	111.78	90.0	26.21	319.02	179.05	2	0.896	141.85	
	16	111.8	194.4	21.8	111.76	90.0	26.21	319.06	179.11	2	0.896	141.90	
	17	108.1	176.7	18.1	111.66	90.0	26.21	319.04	179.19	2	0.896	141.96	
	18	126.3	203.5	36.2	111.79	90.0	26.21	319.14	179.14	2	0.896	141.92	
	19	106.2	194.4	16.2	111.76	90.0	26.21	319.05	179.08	2	0.896	141.89	
	20	93.9	170.6	7.2	111.62	84.7	24.98	319.00	182.39	2	0.902	138.84	
	21	83.5	159.6	7.2	111.50	74.3	19.83	319.00	186.27	2	0.911	124.95	
	22	73.8	136.3	7.2	111.41	66.6	14.59	319.00	191.20	2	0.911	117.08	
	23	81.5	138.0	7.2	111.56	74.3	19.83	319.00	188.41	2	0.911	123.04	
	24	66.3	118.7	7.2	111.31	61.1	13.00	319.00	194.49	2	0.904	103.43	
	25	59.8	103.7	7.2	111.21	52.6	9.64	319.00	198.16	2	0.888	90.66	
	26	51.3	93.6	7.2	111.14	44.1	6.77	319.00	201.59	2	0.859	74.67	
	27	44.7	88.8	7.2	111.11	37.5	4.90	319.00	203.00	1	0.906	67.61	
	28	42.8	83.9	7.2	111.07	35.6	4.41	319.00	203.51	1	0.910	64.62	
	29	41.0	81.7	7.2	111.06	33.8	3.96	319.00	203.96	1	0.912	63.59	
	30	44.7	75.1	7.2	111.01	37.5	4.90	319.00	203.00	1	0.906	67.64	
	31	46.6	77.3	7.2	111.03	39.4	5.41	319.00	202.56	1	0.900	70.39	122.63

Date		Discharge Dam (cms)	Discharge P/H (cms)	RMF or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit nos	Effcie ncy	Output MW	Monthly Ave. MW
Apr.	1	97.8	83.9	7.2	111.07	90.60	0.82	319.50	198.01	2	0.892	87.05	
	2	70.1	104.3	7.2	111.23	63.90	13.78	319.00	196.00	2	0.897	108.42	
	3	64.2	142.0	7.2	111.45	79.00	31.79	319.00	185.81	2	0.909	130.83	
	4	74.0	123.5	7.2	111.33	64.80	18.54	319.00	192.13	2	0.900	114.46	
	5	54.1	91.3	7.2	111.12	46.50	7.66	319.00	200.22	2	0.870	80.06	
	6	44.5	79.5	7.2	111.04	41.70	5.94	319.00	202.01	2	0.847	69.37	
	7	44.7	72.9	7.2	111.00	37.50	4.80	319.00	203.10	1	0.906	67.64	
	8	42.8	70.7	7.2	110.99	35.60	4.41	319.00	203.60	1	0.910	64.65	
	9	41.0	68.5	7.2	110.97	33.80	3.96	319.00	204.05	1	0.912	61.82	
	10	40.0	66.3	7.2	110.96	32.80	3.73	319.00	204.30	1	0.911	59.85	
	11	38.1	64.1	7.2	110.94	30.90	3.33	319.00	204.73	1	0.909	56.37	
	12	37.2	61.9	7.2	110.93	30.00	3.13	319.00	204.94	1	0.907	54.66	
	13	34.7	58.1	7.2	110.90	27.50	2.63	319.00	205.47	1	0.899	49.77	
	14	32.9	54.3	7.2	110.87	25.70	2.50	319.00	205.83	1	0.890	46.13	
	15	40.0	58.1	7.2	110.90	32.80	3.73	319.00	204.35	1	0.911	59.87	
	16	34.1	54.3	7.2	110.87	30.90	3.33	319.00	204.80	1	0.909	56.30	
	17	33.7	53.4	7.2	110.86	26.50	2.45	319.00	205.69	1	0.894	47.78	
	18	32.0	50.5	7.2	110.83	24.80	2.16	319.00	206.01	1	0.884	44.28	
	19	31.2	44.7	7.2	110.82	24.00	2.01	319.00	206.17	1	0.879	43.63	
	20	30.3	44.8	7.2	110.81	22.10	1.66	319.00	206.53	1	0.873	40.76	
	21	28.4	44.8	7.2	110.81	22.20	1.72	319.00	206.48	1	0.864	38.98	
	22	27.8	41.4	7.2	110.78	20.60	1.48	319.00	206.74	1	0.851	35.53	
	23	27.0	39.7	7.2	110.77	19.80	1.37	319.00	206.86	1	0.844	33.86	
	24	25.4	36.2	7.2	110.76	19.30	1.15	319.00	207.09	1	0.826	30.52	
	25	25.4	41.4	7.2	110.78	19.30	1.15	319.00	207.06	1	0.826	30.52	
	26	35.5	44.7	7.2	110.82	28.30	2.79	319.00	205.39	1	0.902	51.38	
	27	33.7	44.6	7.2	110.83	26.50	2.45	319.00	205.72	1	0.894	47.77	
	28	31.2	44.8	7.2	110.81	24.00	2.01	319.00	206.19	1	0.879	43.64	
	29	28.4	42.9	7.2	110.78	21.40	1.59	319.00	206.61	1	0.859	37.21	
	30	28.6	41.4	7.2	110.78	21.40	1.59	319.00	206.62	1	0.859	37.21	
													57.80
May	1	27.0	44.8	7.2	110.81	19.80	1.37	319.00	206.83	1	0.844	33.85	
	2	26.1	44.9	7.2	110.81	18.90	1.34	319.00	206.95	1	0.836	31.97	
	3	25.4	41.4	7.2	110.78	18.30	1.15	319.00	207.06	1	0.826	30.52	
	4	24.5	39.7	7.2	110.77	17.30	1.04	319.00	207.19	1	0.816	28.66	
	5	23.8	36.2	7.2	110.76	16.60	0.96	319.00	207.28	1	0.807	27.32	
	6	23.8	36.2	7.2	110.76	16.60	0.96	319.00	207.28	1	0.807	27.32	
	7	23.0	36.7	7.2	110.75	15.80	0.87	319.00	207.30	1	0.797	25.59	
	8	21.4	36.7	21.4	110.75	0.00	0.70	319.00	207.35	0	0.000	0.00	
	9	20.6	35.1	20.6	110.74	0.00	0.63	319.00	207.43	0	0.000	0.00	
	10	19.8	33.5	19.8	110.73	0.00	0.55	319.00	207.72	0	0.000	0.00	
	11	19.0	33.5	19.0	110.73	0.00	0.48	319.00	207.79	0	0.000	0.00	
	12	18.1	33.5	18.1	110.73	0.00	0.41	319.00	207.86	0	0.000	0.00	
	13	18.1	32.0	18.1	110.73	0.00	0.41	319.00	207.87	0	0.000	0.00	
	14	17.4	32.0	17.4	110.72	0.00	0.36	319.00	207.92	0	0.000	0.00	
	15	17.4	30.5	17.4	110.71	0.00	0.36	319.00	207.93	0	0.000	0.00	
	16	17.4	32.0	17.4	110.72	0.00	0.36	319.00	207.92	0	0.000	0.00	
	17	16.5	32.0	16.5	110.73	0.00	0.30	319.00	207.98	0	0.000	0.00	
	18	16.5	33.0	16.5	110.73	0.00	0.30	319.00	207.98	0	0.000	0.00	
	19	18.0	33.5	18.0	110.73	0.00	0.48	319.00	207.79	0	0.000	0.00	
	20	23.0	33.1	7.2	110.74	15.80	0.87	319.00	207.39	1	0.797	25.59	
	21	23.6	34.7	7.2	110.75	21.40	1.59	319.00	206.85	1	0.859	37.22	
	22	26.1	33.5	7.2	110.73	18.90	1.34	319.00	207.03	1	0.836	31.99	
	23	24.5	32.0	7.2	110.72	17.30	1.04	319.00	207.24	1	0.816	28.67	
	24	22.2	32.0	22.2	110.72	0.00	0.78	319.00	207.30	0	0.000	0.00	
	25	21.4	30.5	21.4	110.71	0.00	0.70	319.00	207.39	0	0.000	0.00	
	26	20.6	30.5	20.6	110.71	0.00	0.63	319.00	207.47	0	0.000	0.00	
	27	19.8	30.5	19.8	110.71	0.00	0.55	319.00	207.74	0	0.000	0.00	
	28	19.8	30.5	19.8	110.71	0.00	0.55	319.00	207.74	0	0.000	0.00	
	29	23.0	41.4	7.2	110.78	15.80	0.87	319.00	207.35	1	0.797	25.59	
	30	30.3	52.4	7.2	110.86	23.10	1.86	319.00	206.38	1	0.873	40.75	
	31	22.9	48.6	7.2	110.83	25.70	2.39	319.00	205.87	1	0.890	46.14	34.23
Jun.	1	25.5	39.7	7.2	110.77	18.30	1.17	319.00	207.06	1	0.828	30.75	
	2	21.5	33.5	21.5	110.73	0.00	0.71	319.00	207.56	0	0.000	0.00	
	3	19.5	30.3	19.5	110.71	0.00	0.53	319.00	207.77	0	0.000	0.00	
	4	17.5	27.4	17.5	110.69	0.00	0.37	319.00	207.94	0	0.000	0.00	
	5	17.5	27.4	17.5	110.69	0.00	0.37	319.00	207.94	0	0.000	0.00	
	6	17.5	27.4	17.5	110.69	0.00	0.37	319.00	207.94	0	0.000	0.00	
	7	18.5	28.9	18.5	110.70	0.00	0.44	319.00	207.86	0	0.000	0.00	
	8	19.5	30.5	19.5	110.71	0.00	0.53	319.00	207.77	0	0.000	0.00	
	9	18.5	28.9	18.5	110.70	0.00	0.44	319.00	207.86	0	0.000	0.00	
	10	17.5	27.4	17.5	110.69	0.00	0.37	319.00	207.94	0	0.000	0.00	
	11	19.5	30.5	19.5	110.71	0.00	0.53	319.00	207.77	0	0.000	0.00	
	12	18.5	28.9	18.5	110.70	0.00	0.44	319.00	207.86	0	0.000	0.00	
	13	17.5	27.4	17.5	110.69	0.00	0.37	319.00	207.94	0	0.000	0.00	
	14	16.7	26.1	16.7	110.68	0.00	0.31	319.00	208.01	0	0.000	0.00	
	15	16.7	26.1	16.7	110.68	0.00	0.31	319.00	208.01	0	0.000	0.00	
	16	16.7	26.1	16.7	110.68	0.00	0.31	319.00	208.01	0	0.000	0.00	
	17	15.9	24.9	15.9	110.67	0.00	0.26	319.00	208.07	0	0.000	0.00	
	18	15.9	24.9	15.9	110.67	0.00	0.26	319.00	208.07	0	0.000	0.00	
	19	15.9	24.9	15.9	110.67	0.00	0.26	319.00	208.07	0	0.000	0.00	
	20	15.9	24.9	15.9	110.67	0.00	0.26	319.00	208.07	0	0.000	0.00	
	21	15.9	24.9	15.9	110.67	0.00	0.26	319.00	208.07	0	0.000	0.00	
	22	15.9	24.9	15.9	110.67	0.00	0.26	319.00	208.07	0	0.000	0.00	
	23	15.9	24.9	15.9	110.67	0.00	0.26	319.00	208.07	0	0.000	0.00	
	24	15.9	24.9	15.9	110.67	0.00	0.26	319.00	208.07	0	0.000	0.00	
	25	14.4	22.5	14.4	110.65	0.00	0.18	319.00	208.17	0	0.000	0.00	
	26	15.2	23.7	15.2	110.66	0.00	0.22	319.00	208.12	0	0.000	0.00	
	27	18.5	28.9	18.5	110.70	0.00	0.44	319.00	207.86	0	0.000	0.00	
	28	26.5	41.4	7.2	110.78	19.30	1.30	319.00	206.92	1	0.838	32.61	
	29	66.4	103.7	7.2	111.21	59.20	12.21	319.00	195.79	2	0.902	102.90	
	30	48.1	75.1	7.2	111.01	40.90	5.83	319.00	202.16	2	0.845	66.50	
													7.81

POWER GENERATION SIMULATION

Dam Axis B — Rated Head : 179.30 m — Installed Capacity : 142.0 MW

Year : 1951 — F.S.L. = 318.00 m — Max. Plant Discharge : 90.00 cms

Date		Discharge Dam (cms)	Discharge P/H (cms)	R.S.P or Spillage (cms)	T/R water level m	Plant Q (cms)	Loss	Surv level	Effect. Head h	Unit	Effic ncy	Output MW	Monthly Ave. MW
Jul.	1	29.4	53.4	7.2	310.86	23.2	1.72	319.00	206.42	1	0.845	34.87	
	2	27.0	41.4	7.2	310.78	19.8	1.57	319.00	206.83	1	0.844	33.06	
	3	32.0	53.4	7.2	310.86	24.8	2.16	319.00	206.00	1	0.844	44.38	
	4	98.6	154.3	6.4	311.54	90.0	28.21	319.01	179.26	2	0.998	143.00	
	5	126.2	170.9	34.2	311.62	90.0	28.21	319.14	179.31	2	0.998	143.00	
	6	80.6	116.9	7.2	311.29	73.4	18.76	319.03	188.95	2	0.913	123.99	
	7	54.9	81.7	7.2	311.06	49.7	8.80	319.00	199.34	2	0.879	85.38	
	8	36.8	77.5	7.2	311.03	51.6	9.27	319.00	198.70	2	0.865	85.02	
	9	64.5	81.7	7.2	311.04	57.3	11.45	319.00	196.51	2	0.598	99.12	
	10	51.3	75.1	7.2	311.01	44.1	6.77	319.00	201.21	2	0.859	74.79	
	11	45.7	64.3	7.2	310.96	38.3	5.16	319.00	202.68	1	0.950	69.14	
	12	32.0	54.3	7.2	310.87	24.8	2.16	319.00	205.99	1	0.844	44.38	
	13	27.0	48.6	7.2	310.83	18.8	1.57	319.00	206.80	1	0.845	33.85	
	14	22.2	36.7	22.2	310.77	0.0	0.78	319.00	207.44	0	0.000	0.00	
	15	22.2	36.7	22.2	310.75	0.0	0.78	319.00	207.47	0	0.000	0.00	
	16	21.4	35.1	21.4	310.74	0.0	0.70	319.00	207.56	0	0.000	0.00	
	17	20.6	33.5	20.6	310.73	0.0	0.63	319.00	207.65	0	0.000	0.00	
	18	19.8	32.0	19.8	310.72	0.0	0.55	319.00	207.73	0	0.000	0.00	
	19	19.0	30.5	19.0	310.71	0.0	0.48	319.00	207.81	0	0.000	0.00	
	20	18.1	28.9	18.1	310.70	0.0	0.41	319.00	207.89	0	0.000	0.00	
	21	18.1	27.4	18.1	310.69	0.0	0.41	319.00	207.90	0	0.000	0.00	
	22	17.4	26.1	17.4	310.68	0.0	0.36	319.00	207.96	0	0.000	0.00	
	23	17.4	27.4	17.4	310.69	0.0	0.36	319.00	207.95	0	0.000	0.00	
	24	19.8	28.9	19.8	310.70	0.0	0.55	319.00	207.75	0	0.000	0.00	
	25	19.8	28.9	19.8	310.70	0.0	0.55	319.00	207.73	0	0.000	0.00	
	26	20.6	30.5	20.6	310.71	0.0	0.63	319.00	207.67	0	0.000	0.00	
	27	19.8	28.9	19.8	310.70	0.0	0.55	319.00	207.75	0	0.000	0.00	
	28	19.0	27.4	19.0	310.69	0.0	0.48	319.00	207.83	0	0.000	0.00	
	29	19.0	27.4	19.0	310.68	0.0	0.48	319.00	207.83	0	0.000	0.00	
	30	18.1	27.4	18.1	310.69	0.0	0.41	319.00	207.90	0	0.000	0.00	
	31	17.4	25.7	17.4	310.66	0.0	0.36	319.00	207.99	0	0.000	0.00	22.91
Aug.	1	17.4	27.4	17.4	310.69	0.0	0.36	319.00	207.95	0	0.000	0.00	
	2	17.4	27.4	17.4	310.68	0.0	0.36	319.00	207.95	0	0.000	0.00	
	3	17.4	27.4	17.4	310.69	0.0	0.36	319.00	207.95	0	0.000	0.00	
	4	17.4	26.1	17.4	310.68	0.0	0.36	319.00	207.96	0	0.000	0.00	
	5	17.4	26.1	17.4	310.68	0.0	0.36	319.00	207.84	0	0.000	0.00	
	6	17.4	34.9	17.4	310.87	0.0	0.36	319.00	207.87	0	0.000	0.00	
	7	18.1	34.9	18.1	310.87	0.0	0.41	319.00	207.92	0	0.000	0.00	
	8	18.1	34.9	18.1	310.87	0.0	0.41	319.00	207.82	0	0.000	0.00	
	9	17.4	34.9	17.4	310.87	0.0	0.36	319.00	207.97	0	0.000	0.00	
	10	16.5	34.9	16.5	310.87	0.0	0.30	319.00	208.03	0	0.000	0.00	
	11	15.8	34.9	15.8	310.87	0.0	0.26	319.00	208.07	0	0.000	0.00	
	12	15.8	23.7	15.8	310.66	0.0	0.26	319.00	208.08	0	0.000	0.00	
	13	15.8	23.7	15.8	310.66	0.0	0.26	319.00	208.08	0	0.000	0.00	
	14	14.9	23.7	14.9	310.66	0.0	0.21	319.00	208.13	0	0.000	0.00	
	15	14.9	22.5	14.9	310.65	0.0	0.21	319.00	208.14	0	0.000	0.00	
	16	14.9	21.3	14.9	310.64	0.0	0.21	319.00	208.15	0	0.000	0.00	
	17	14.9	21.3	14.9	310.64	0.0	0.21	319.00	208.15	0	0.000	0.00	
	18	14.2	20.0	14.2	310.63	0.0	0.17	319.00	208.20	0	0.000	0.00	
	19	14.2	20.0	14.2	310.63	0.0	0.17	319.00	208.20	0	0.000	0.00	
	20	13.3	20.0	13.3	310.63	0.0	0.13	319.00	208.24	0	0.000	0.00	
	21	13.3	20.0	13.3	310.63	0.0	0.13	319.00	208.24	0	0.000	0.00	
	22	12.6	21.3	12.6	310.64	0.0	0.10	319.00	208.26	0	0.000	0.00	
	23	12.6	21.3	12.6	310.64	0.0	0.10	319.00	208.26	0	0.000	0.00	
	24	12.6	21.3	12.6	310.64	0.0	0.10	319.00	208.26	0	0.000	0.00	
	25	12.6	22.5	12.6	310.65	0.0	0.10	319.00	208.25	0	0.000	0.00	
	26	11.9	22.5	11.9	310.65	0.0	0.08	319.00	208.27	0	0.000	0.00	
	27	11.9	22.5	11.9	310.65	0.0	0.08	319.00	208.27	0	0.000	0.00	
	28	11.9	22.5	11.9	310.65	0.0	0.08	319.00	208.27	0	0.000	0.00	
	29	11.9	21.3	11.9	310.64	0.0	0.08	319.00	208.28	0	0.000	0.00	
	30	13.3	21.3	13.3	310.64	0.0	0.13	319.00	208.23	0	0.000	0.00	
	31	14.9	20.0	14.9	310.63	0.0	0.21	319.00	208.16	0	0.000	0.00	0.00
Sep.	1	14.2	20.0	14.2	310.63	0.0	0.17	319.00	208.20	0	0.000	0.00	
	2	13.3	18.8	13.3	310.63	0.0	0.13	319.00	208.24	0	0.000	0.00	
	3	13.3	18.8	13.3	310.63	0.0	0.13	319.00	208.24	0	0.000	0.00	
	4	12.6	18.8	12.6	310.63	0.0	0.10	319.00	208.27	0	0.000	0.00	
	5	12.6	17.6	12.6	310.62	0.0	0.10	319.00	208.28	0	0.000	0.00	
	6	11.9	17.6	11.9	310.62	0.0	0.08	319.00	208.31	0	0.000	0.00	
	7	11.9	16.4	11.9	310.61	0.0	0.08	319.00	208.31	0	0.000	0.00	
	8	11.9	17.6	11.9	310.62	0.0	0.08	319.00	208.31	0	0.000	0.00	
	9	11.9	15.2	11.9	310.60	0.0	0.05	319.00	208.33	0	0.000	0.00	
	10	11.9	15.2	11.9	310.60	0.0	0.05	319.00	208.33	0	0.000	0.00	
	11	11.9	16.4	11.9	310.61	0.0	0.05	319.00	208.34	0	0.000	0.00	
	12	11.9	15.2	11.9	310.60	0.0	0.05	319.00	208.35	0	0.000	0.00	
	13	10.2	14.3	10.2	310.59	0.0	0.03	319.00	208.37	0	0.000	0.00	
	14	9.5	13.4	9.5	310.59	0.0	0.02	319.00	208.39	0	0.000	0.00	
	15	9.8	13.4	9.8	310.59	0.0	0.01	319.00	208.40	0	0.000	0.00	
	16	9.8	13.4	9.8	310.59	0.0	0.01	319.00	208.40	0	0.000	0.00	
	17	9.5	18.8	9.5	310.63	0.0	0.02	319.00	208.36	0	0.000	0.00	
	18	24.5	33.5	7.2	310.73	17.3	1.04	319.00	207.23	1	0.816	28.67	
	19	53.2	73.9	7.2	311.00	46.0	7.37	319.00	200.63	2	0.867	78.40	
	20	46.6	61.9	7.2	310.93	39.4	5.41	319.00	202.87	1	0.900	70.42	
	21	31.7	42.9	7.2	310.79	24.5	2.45	319.00	205.76	1	0.894	47.78	
	22	23.0	32.0	7.2	310.72	15.8	0.87	319.00	207.41	1	0.797	25.65	
	23	13.5	24.1	13.5	310.68	0.0	0.13	319.00	208.19	0	0.000	0.00	
	24	11.9	23.7	11.9	310.66	0.0	0.08	319.00	208.26	0	0.000	0.00	
	25	10.2	22.5	10.2	310.63	0.0	0.03	319.00	208.32	0	0.000	0.00	
	26	11.9	20.0	11.9	310.63	0.0	0.08	319.00	208.29	0	0.000	0.00	
	27	14.2	21.3	14.2	310.64	0.0	0.17	319.00	208.19	0	0.000	0.00	
	28	13.3	23.7	13.3	310.66	0.0	0.13	319.00	208.21	0	0.000	0.00	
	29	11.9	22.5	11.9	310.65	0.0	0.08	319.00	208.27	0	0.000	0.00	
	30	11.0	21.3	11.0	310.64	0.0	0.05	319.00	208.31	0	0.000	0.00	8.16

Date		Discharge Dam (cms)	Discharge P/H (cms)	R.S.P or Spillage (cms)	T/R water level m	Plant Q (cms)	Loss	Surv level	Effect. Head h	Unit	Effic ncy	Output MW	Monthly Ave. MW
Oct.	1	10.2	20.0	7.2	310.63	3.00	0.05	319.00	208.31	0	0.000	0.00	
	2	9.5	17.6	7.2	310.62	2.30	0.03	319.00	208.36	0	0.000	0.00	
	3	8.8	17.6	7.2	310.62	1.60	0.01	319.00	208.37	0	0.000	0.00	
	4	11.0	17.6	7.2	310.62	3.80	0.05	319.00	208.33	0	0.000	0.00	
	5	24.5	31.3	7.2	310.64	17.30	1.04	319.00	207.31	1	0.816	28.68	
	6	25.5	32.0	7.2	310.72	18.30	2.79	319.00	205.49	1	0.903	31.41	
	7	20.6	29.7	7.2	310.77	13.40	1.59	319.00	206.63	1	0.839	37.21	
	8	20.6	28.1	7.2	310.74	13.40	0.63	319.00	207.63	0	0.000	0.00	
	9	18.1	24.9	7.2	310.70	10.90	0.41	319.00	207.80	0	0.000	0.00	
	10	14.2	23.7	7.2	310.66	7.00	0.17	319.00	208.17	0	0.000	0.00	
	11	12.6	22.5	7.2	310.65	5.40	0.10	319.00	208.25	0	0.000	0.00	
	12	11.9	21.3	7.2	310.64	4.70	0.08	319.00	208.30	0	0.000	0.00	
	13	23.0	34.9	7.2	310.87	15.80	0.87	319.00	207.46	1	0.797	25.45	
	14	70.1	53.4	7.2	310.86	62.90	13.78	319.00	194.36	2	0.937	109.64	
	15	325.3	434.6	295.2	312.76	90.00	28.21	319.47	178.70	2	0.999	141.64	
	16	328.4	457.6	230.6	312.82	90.00	28.21	319.68	178.65	2	0.999	141.61	
	17	315.4	513.7	188.4	312.94	90.00	28.21	319.41	178.84	2	0.999	141.79	
	18	383.2	525.6	205.3	312.98	90.00	28.21	319.78	178.79	2	0.999	141.57	
	19	734.0	1133.0	624.0	313.92	90.00	28.21	320.34	178.22	2	0.999	141.33	
	20	699.6	938.2	511.4	313.66	90.00	28.21	320.17	178.20	2	0.999	141.30	
	21	642.8	795.3	352.8	313.46	90.00	28.21	319.90	178.22	2	0.999	141.34	
	22	550.2	598.7	260.2	313.11	90.00	28.21	319.72	178.39	2	0.999	141.63	
	23	288.5	541.0	130.3	312.53	90.00	28.21	319.43	178.71	2	0.999	141.63	
	24	166.5	376.7	76.5	312.18	90.00	28.21	319.28	178.89	2	0.999	141.76	
	25	148.0	228.1	58.0	311.94	90.00	28.21	319.22	179.07	2	0.999	143.86	
	26	178.6	334.0	88.6	312.36	90.00	28.21	319.32	178.79	2	0.999	141.64	
	27	267.2	286.6	117.2	312.27	90.00	28.21	319.39	178.92	2	0.999	141.78	
	28	272.9	434.1	182.9	312.89	90.00	28.21	319.55	178.45	2	0.999	141.49	
	29	436.5	753.4	336.5	313.39	90.00	28.21	319.87	178.26	2	0.999	141.34	
	30	321.0	561.4	231.0	313.10	90.00	28.21	319.66	178.35	2	0.999	141.42	
	31	292.5	373.8	158.5	312.54	90.00	28.21	319.43	178.68	2	0.999	141.67	95.75
Nov.	1	150.0	254.1	60.0	312.07	90.00	28.21	319.25	178.94	2	0.998	141.80	
	2	126.2	125.5	36.2	311.71	90.00	28.21	319.14	179.22	2	0.998	141.98	
	3	98.6	156.3	8.6	311.54	90.00	28.21	319.01	179.26	2	0.998	142.00	
	4	84.2	123.5	7.2	311.40	78.00	21.74	319.00	185.87	2	0.969	130.66	
	5	80.6	114.2	7.2	311.27	73.40	18.76	319.00	188.84	2	0.913	123.90	
	6	72.0	101.2	7.2	311.19	64.80	14.62	319.00	193.19	2	0.920	111.46	
	7	63.5	93.8	7.2	311.14	56.30	11.04	319.00	196.52	2	0.906	97.39	
	8	64.4	93.8	7.2	311.14	59.20	12.32	319.00	195.61	2	0.902	102.34	
	9	61.7	93.8	7.2	311.14	54.50	10.34	319.00	197.32	2	0.882	94.13	
	10	55.1	81.7	7.2	311.06	47.90	7.88	319.00	198.85	2	0.874	81.99	
	11	51.3	73.1	7.2	311.01	44.10	6.77	319.00	201.21	2	0.859	74.73	
	12	48.7	64.1	7.2	310.94	36.50	5.16	319.00	202.90	1	0.905	69.14	
	13	78.7	94.3	7.2	311.16	71.30	17.80	319.00	190.04	2	0.912	133.39	
	14	138.4	186.5	49.4	311.54	90.00	28.21	319.19	179.44	2	0.998	142.00	
	15	98.6	156.3	8.6	311.54	90.00	28.21	319.01	179.26	2	0.998	142.00	
	16	104.3	191.5	14.3	311.74	90.00	28.21	319.04	178.89	2	0.998	141.80	
	17	104.3	157.4	14.3	311.52	90.00	28.21	319.04	179.31	2	0.998	142.00	
	18	78.7	111.4	7.2	311.26	71.30	17.80	319.00	190.54	2	0.912	133.33	
	19	63.5	93.8	7.2	311.14	56.30	11.04	319.00	196.82	2	0.906	97.35	
	20	54.0	83.9	7.2	311.07	46.80	8.29	319.00	199.63	2	0.876	83.65	
	21	50.4	72.1	7.2	311.01	43.20	6.50	319.00	201.49	2	0.836	72.80	
	22	41.0	64.1	7.2	310.94	33.80	3.98	319.00	204.06	1	0.913	61.42	
	23	42.8	61.9	7.2	310.93	35.60	4.41	319.00	203.64	1	0.919	64.67	
	24	50.8	88.8	7.2	311.11	53.00	9.64	319.00	196.36	2	0.908	93.71	
	25	109.5	150.6	13.3	311.50	90.00	28.21	319.04	179.32	2	0.998	142.00	
	26	130.0	257.3	60.0	312.09	90.00	28.21	319.23	178.97	2	0.998	141.79	
	27	113.8	237.5	23.8	311.99	90.00	28.21	319.08	178.89	2	0.998	141.74	
	28	100.9	170.1	10.9	311.62	90.00	28.21	319.07	179.24	2	0.998	141.98	
	29	84.2	139.1	7.2	311.43	78.00	21.74	319.00	185.83	2	0.969	130.64	
	30	72.0	108.6	7.2	311.24	64.80	14.62	319.00	189.14	2	0.959	111.49	113.44
Dec.	1	62.5	92.3	7.2	311.13	55.30	10.66	319.00	197.32	2	0.884	95.97	
	2	59.8	86.2	7.2	311.10	51.60	9.64	319.00	198.26	2	0.868	90.72	
	3	69.3	102.1	7.2	311.19	62.00	13.39	319.00	194.43	2	0.906	108.98	
	4	82.4	121.6	7.2	311.32	75.20	19.09	319.00	187.98	2	0.911	126.25	
	5	64.5	95.1	7.2	311.11	57.30	11.43	319.00	196.42	2	0.898	99.07	
	6	58.8	84.5	7.2	311.09	51.60	9.37	319.00	198.43	2	0.865	88.80	
	7	53.2	78.4	7.2	311.04	44.00	7.37	319.00	200.39	2	0.847	78.78	
	8	49.4	72.9	7.2	311.00	42.20	6.30	319.00	201.80	2	0.851	73.05	
	9	47.5	70.1	7.2	310.98	40.30	5.66	319.00	202.56	2	0.843	69.54	
	10	44.7	64.0	7.2	310.95	37.50	4.90	319.00	203.15	1	0.906	67.66	
	11	44.7	64.0	7.2	310.95	37.50	4.90	319.00	203.15	1	0.906	67.66	
	12	41.9	61.9	7.2	310.93	34.70	4.19	319.00	203.84	1	0.911	63.17	
	13	44.7	64.0	7.2	310.95	37.50	4.90	319.00	203.15	1	0.906	67.66	
	14	38.1	54.3	7.2	310.89	30.90	3.23	319.00	204.79	1	0.910	56.70	
	15	33.7	49.8	7.2	310.84	26.50	2.45	319.00	205.71	1	0.894	47.77	
	16	33.0	47.3	7.2	310.82	24.80	2.14	319.00	206.02	1	0.894	44.29	
	17	33.7	49.8	7.2	310.84	26.50	2.45	319.00	205.71	1	0.894	47.77	
	18	41.0	60.5	7.2	310.92	33.80	3.98	319.00	204.11	1	0.912	63.45	
	19	37.2	53.0	7.2	310.88	30.00	3.13	319.00	204.99	1	0.907	54.08	
	20	33.7	46.5	7.2	310.84	26.50	2.45	319.00	205.71	1	0.904	47.77	
	21	30.3	44.7	7.2	310.81	23.10	1.86	319.00	206.54	1	0.873	40.76	
	22	27.8	41.0	7.2	310.78	20.60	1.48	319.00	206.74	1	0.851	35.59	
	23	53.5	73.8	7.2	311.02	44.10	6.77	319.00	201.21	2	0.859	74.73	
	24	79.6	117.5	7.2	311.28	72.40	18.26	319.00	189.43	2	0.912	132.94	
	25	59.8	84.3	7.2	311.10	52.60	9.64	319.00	198.26	2	0.868	90.72	
	26	44.7	66.0	7.2	310.95	37.50	4.90	319.00	203.15	1	0.906	67.66	
	27	37.2	53.0	7.2	310.88	30.00	3.13	319.00	204.99	1	0.907	54.08	
	28	40.0	58.1	7.2	310.91	32.80	3.75	319.00	204.35	1	0.911	59.67	
	29	49.4	72.9	7.2	311.00	42.20	6.30	319.00	201.80	2	0.851	71.05	
	30	74.9	110.6	7.2	311.25	67.70	15.96	319.00	191.79	2	0.911	115.94	
	31	68.3	71.5	7.2	310.99	61.20	3.94	319.00	202.97	2	0.967	69.30	73.48

POWER GENERATION SIMULATION

Dam Axis B — Rated Head : 179.30 m — Installed Capacity : 140.0 MW

Year : 1952 — F.S.L. 319.00 m — Min. Plant Discharge : 90.00 cms

Date		Discharge Dam (cms)	Discharge P&I (cms)	RMP or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Effcie ncy	Output MW	Monthly Ave. MW
Jan.	1	35.5	32.5	7.2	110.86	28.5	2.79	319.00	205.35	1	0.901	51.57	
	2	44.7	65.9	7.2	110.95	37.5	4.80	319.00	203.15	1	0.908	67.66	
	3	41.9	61.9	7.2	110.93	34.7	4.19	319.00	203.80	1	0.911	63.17	
	4	34.7	51.2	7.2	110.85	27.5	2.63	319.00	205.51	1	0.899	49.78	
	5	31.2	46.0	7.2	110.82	24.0	2.01	319.00	206.16	1	0.879	42.63	
	6	42.6	63.2	7.2	110.93	35.6	4.41	319.00	203.65	1	0.910	64.67	
	7	45.7	67.4	7.2	110.96	38.5	5.16	319.00	202.84	1	0.903	69.13	
	8	61.7	91.0	7.2	111.12	54.5	10.34	319.00	197.53	2	0.882	94.14	
	9	74.9	110.6	7.2	111.25	67.7	15.96	319.00	191.79	2	0.911	115.86	
	10	44.6	66.8	7.2	110.97	39.4	5.41	319.00	203.02	1	0.905	70.40	
	11	34.7	51.2	7.2	110.85	27.5	2.63	319.00	205.51	1	0.899	49.78	
	12	47.5	70.1	7.2	110.98	40.3	5.66	319.00	202.36	2	0.843	67.34	
	13	41.0	60.5	7.2	110.92	33.8	3.98	319.00	204.11	1	0.913	61.43	
	14	34.7	51.2	7.2	110.85	27.5	2.63	319.00	205.51	1	0.899	49.78	
	15	32.0	47.3	7.2	110.82	24.8	2.14	319.00	206.03	1	0.884	44.39	
	16	30.3	44.7	7.2	110.81	23.1	1.86	319.00	206.34	1	0.873	40.76	
	17	27.8	41.0	7.2	110.78	20.6	1.48	319.00	206.74	1	0.831	35.53	
	18	28.6	42.3	7.2	110.79	21.4	1.59	319.00	206.62	1	0.839	37.21	
	19	27.0	39.9	7.2	110.77	19.8	1.37	319.00	206.86	1	0.844	35.88	
	20	25.4	37.5	7.2	110.76	18.2	1.15	319.00	207.09	1	0.826	30.53	
	21	23.0	33.9	7.2	110.73	15.8	0.87	319.00	207.40	1	0.797	25.49	
	22	19.8	29.1	19.8	110.70	0.0	0.53	319.00	207.75	0	0.000	0.00	
	23	23.4	37.5	7.2	110.76	18.2	1.15	319.00	207.09	1	0.826	30.53	
	24	102.3	151.1	12.3	111.51	90.0	28.21	319.03	179.32	2	0.998	142.00	
	25	245.9	363.4	175.9	112.63	90.0	28.21	319.54	178.70	2	0.999	141.44	
	26	258.8	383.0	188.8	112.60	90.0	28.21	319.52	178.72	2	0.999	141.45	
	27	139.7	197.4	43.7	111.79	90.0	28.21	319.17	179.18	2	0.998	141.95	
	28	96.7	143.7	7.2	111.45	89.5	27.80	319.00	179.65	2	0.999	141.81	
	29	73.0	107.8	7.2	111.23	65.8	15.08	319.00	192.69	2	0.929	132.99	
	30	61.5	130.4	7.2	111.51	74.3	19.33	319.00	188.46	2	0.911	125.07	
	31	122.3	180.5	32.3	111.68	90.0	28.21	319.12	179.24	2	0.998	141.98	73.20
Feb.	1	139.2	182.6	55.2	111.99	90.0	28.21	319.14	179.23	2	0.998	141.98	
	2	155.2	142.0	15.2	111.45	90.0	28.21	319.05	179.59	2	0.998	142.00	
	3	98.1	108.6	7.2	111.24	81.9	23.36	319.00	184.40	2	0.907	134.26	
	4	75.9	101.2	7.2	111.19	68.6	16.38	319.00	191.42	2	0.911	117.23	
	5	80.6	88.9	7.2	111.11	73.4	18.76	319.00	188.93	2	0.912	124.01	
	6	60.7	75.1	7.2	111.01	53.5	9.97	319.00	198.02	2	0.900	92.40	
	7	61.7	70.7	7.2	110.99	54.5	10.34	319.00	197.67	2	0.902	94.22	
	8	90.6	64.1	7.2	110.94	43.2	6.50	319.00	201.56	2	0.859	73.02	
	9	44.7	56.2	7.2	110.88	37.5	4.80	319.00	203.22	1	0.906	67.68	
	10	38.1	48.6	7.2	110.83	30.9	3.33	319.00	204.84	1	0.903	56.40	
	11	31.7	44.8	7.2	110.81	26.5	2.45	319.00	205.75	1	0.894	47.78	
	12	31.3	42.9	7.2	110.79	24.0	2.01	319.00	206.20	1	0.879	42.64	
	13	28.6	38.2	7.2	110.76	21.4	1.59	319.00	206.64	1	0.839	37.21	
	14	26.1	35.1	7.2	110.74	18.9	1.24	319.00	207.02	1	0.834	31.99	
	15	23.0	33.3	7.2	110.73	16.6	0.96	319.00	207.31	1	0.807	27.23	
	16	23.8	32.0	7.2	110.72	16.6	0.96	319.00	207.32	1	0.807	27.23	
	17	30.3	39.7	7.2	110.77	23.1	1.86	319.00	206.37	1	0.873	40.77	
	18	29.6	36.2	7.2	110.99	22.2	1.72	319.00	206.40	1	0.845	38.86	
	19	41.9	66.3	7.2	110.96	34.7	4.19	319.00	203.35	1	0.911	63.16	
	20	41.0	64.1	7.2	110.94	33.8	3.98	319.00	204.08	1	0.913	61.62	
	21	44.7	61.9	7.2	110.93	37.5	4.80	319.00	203.15	1	0.908	67.66	
	22	41.9	61.9	7.2	110.93	34.7	4.19	319.00	203.80	1	0.911	63.17	
	23	33.5	52.4	7.2	110.86	28.3	2.79	319.00	205.35	1	0.902	51.57	
	24	32.0	43.9	7.2	110.79	24.8	2.14	319.00	206.06	1	0.884	44.30	
	25	27.8	36.2	7.2	110.76	20.6	1.48	319.00	206.75	1	0.851	35.54	
	26	54.1	70.7	7.2	110.99	44.9	7.66	319.00	200.35	2	0.870	90.12	
	27	43.8	70.7	7.2	110.99	34.6	4.67	319.00	203.35	1	0.908	64.26	
	28	37.2	64.1	7.2	110.96	30.0	3.13	319.00	204.91	1	0.907	54.66	
	29	32.5	60.0	7.2	110.91	25.3	2.23	319.00	205.84	1	0.887	45.90	
													67.93
Mar.	1	33.7	49.8	7.2	110.84	26.5	2.45	319.00	205.71	1	0.894	47.77	
	2	32.0	47.3	7.2	110.82	24.8	2.14	319.00	206.03	1	0.884	44.30	
	3	28.4	43.3	7.2	110.80	22.2	1.72	319.00	206.49	1	0.866	38.88	
	4	26.1	38.6	7.2	110.76	18.9	1.24	319.00	206.99	1	0.834	31.98	
	5	23.0	33.9	7.2	110.73	15.8	0.87	319.00	207.40	1	0.797	25.40	
	6	21.4	31.5	21.4	110.71	0.0	0.70	319.00	207.58	0	0.000	0.00	
	7	19.0	28.9	19.0	110.69	0.0	0.44	319.00	207.82	0	0.000	0.00	
	8	16.5	24.4	16.5	110.66	0.0	0.30	319.00	208.03	0	0.000	0.00	
	9	15.8	23.3	15.8	110.66	0.0	0.26	319.00	208.09	0	0.000	0.00	
	10	14.9	22.1	14.9	110.65	0.0	0.21	319.00	208.14	0	0.000	0.00	
	11	14.9	22.1	14.9	110.65	0.0	0.21	319.00	208.14	0	0.000	0.00	
	12	17.4	25.7	17.4	110.67	0.0	0.36	319.00	207.96	0	0.000	0.00	
	13	19.8	28.1	19.8	110.70	0.0	0.53	319.00	207.75	0	0.000	0.00	
	14	18.1	26.8	18.1	110.68	0.0	0.41	319.00	207.90	0	0.000	0.00	
	15	16.5	24.4	16.5	110.66	0.0	0.30	319.00	208.03	0	0.000	0.00	
	16	14.9	22.1	14.9	110.65	0.0	0.21	319.00	208.14	0	0.000	0.00	
	17	18.1	26.8	18.1	110.68	0.0	0.41	319.00	207.90	0	0.000	0.00	
	18	19.8	28.1	19.8	110.70	0.0	0.53	319.00	207.75	0	0.000	0.00	
	19	21.4	31.5	21.4	110.71	0.0	0.70	319.00	207.58	0	0.000	0.00	
	20	24.5	36.2	7.2	110.75	17.3	1.04	319.00	207.21	1	0.816	28.66	
	21	34.7	51.2	7.2	110.85	27.5	2.63	319.00	205.51	1	0.899	49.78	
	22	31.2	46.0	7.2	110.82	24.0	2.01	319.00	206.16	1	0.879	42.63	
	23	31.5	46.0	7.2	110.82	24.0	2.01	319.00	206.18	1	0.879	42.63	
	24	22.4	37.3	7.2	110.76	18.2	1.15	319.00	207.09	1	0.826	30.53	
	25	21.4	31.5	21.4	110.71	0.0	0.70	319.00	207.59	0	0.000	0.00	
	26	19.8	29.1	19.8	110.70	0.0	0.55	319.00	207.75	0	0.000	0.00	
	27	15.8	23.3	15.8	110.66	0.0	0.26	319.00	208.09	0	0.000	0.00	
	28	14.2	20.9	14.2	110.64	0.0	0.17	319.00	208.19	0	0.000	0.00	
	29	13.3	18.7	13.3	110.63	0.0	0.13	319.00	208.24	0	0.000	0.00	
	30	14.5	24.4	14.5	110.66	0.0	0.20	319.00	208.03	0	0.000	0.00	
	31	43.8	61.2	7.2	110.93	25.6	4.41	319.00	203.45	1	0.910	64.67	14.43

Date		Discharge Dam (cms)	Discharge P&I (cms)	RMP or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Effcie ncy	Output MW	Monthly Ave. MW
Apr.	1	64.5	68.5	7.2	110.97	37.30	11.43	319.00	196.80	2	0.898	99.18	
	2	42.8	54.3	7.2	110.87	35.60	4.41	319.00	203.71	1	0.910	64.68	
	3	32.9	44.7	7.2	110.82	25.70	2.50	319.00	205.89	1	0.890	46.34	
	4	27.8	36.7	7.2	110.75	20.60	1.48	319.00	206.77	1	0.851	35.54	
	5	23.2	33.5	23.2	110.73	0.00	0.78	319.00	207.49	0	0.000	0.00	
	6	19.0	28.9	19.0	110.70	0.00	0.48	319.00	207.82	0	0.000	0.00	
	7	17.4	24.9	17.4	110.67	0.00	0.36	319.00	207.97	0	0.000	0.00	
	8	15.8	22.5	15.8	110.65	0.00	0.26	319.00	208.09	0	0.000	0.00	
	9	14.5	21.3	14.9	110.64	0.00	0.21	319.00	208.15	0	0.000	0.00	
	10	17.4	23.7	17.4	110.66	0.00	0.36	319.00	207.98	0	0.000	0.00	
	11	18.0	24.9	18.0	110.67	0.00	0.48	319.00	207.85	0	0.000	0.00	
	12	19.8	24.9	19.8	110.67	0.00	0.55	319.00	207.78	0	0.000	0.00	
	13	20.6	26.1	20.6	110.68	0.00	0.63	319.00	207.70	0	0.000	0.00	
	14	19.8	27.4	19.8	110.69	0.00	0.55	319.00	207.76	0	0.000	0.00	
	15	19.8	24.9	19.8	110.67	0.00	0.55	319.00	207.78	0	0.000	0.00	
	16	18.1	22.5	18.1	110.65	0.00	0.41	319.00	207.93	0	0.000	0.00	
	17	17.4	21.3	17.4	110.64	0.00	0.36	319.00	207.99	0	0.000	0.00	
	18	14.9	20.0	14.9	110.63	0.00	0.21	319.00	208.16	0	0.000	0.00	
	19	13.3	18.0	13.3	110.63	0.00	0.13	319.00	208.24	0	0.000	0.00	
	20	12.6	18.0	12.6	110.63	0.00	0.10	319.00	208.27	0	0.000	0.00	
	21	11.9	17.6	11.9	110.62	0.00	0.08	319.00	208.31	0	0.000	0.00	
	22	10.2	16.4	10.2	110.61	0.00	0.03	319.00	208.36	0	0.000	0.00	
	23	10.2	15.2	10.2	110.60	0.00	0.03	319.00	208.37	0	0.000	0.00	
	24	9.5	14.3	9.5	110.59	0.00	0.02	319.00	208.39	0	0.000	0.00	
	25	8.8	13.4	8.8	110.59	0.00	0.01	319.00	208.40	0	0.000	0.00	
	26	7.9	13.4	7.9	110.59	0.00	0.00	319.00	208.41	0	0.000	0.00	
	27	7.2	13.4	7.2	110.59	0.00	0.00	319.00	208.41	0	0.000	0.00	
	28	7.2	13.4	7.2	110.59	0.00	0.00	319.00	208.41	0	0.000	0.00	
	29	6.4	14.3	6.4	110.59	0.00	0.00	319.00	208.41	0	0.000	0.00	
	30	5.7	14.3	5.7	110.59	0.00	0.00	319.00	208.41	0	0.000	0.00	
													8.13
May	1	5.7	13.4	5.7	110.59	0.00	0.00	319.00	208.41	0	0.000	0.00	
	2	5.4	13.4	5.4	110.59	0.00	0.00	319.00	208.41	0	0.000	0.00	
	3	6.4	13.4	6.4	110.59	0.00	0.00	319.00	208.41	0	0.000	0.00	
	4	5.7	13.4	5.7	110.59	0.00	0.00	319.00	208.41	0	0.000	0.00	
	5	5.4	12.6	5.4	110.58	0.00	0.00	319.00	208.42	0	0.000	0.00	
	6	4.7	11.7	4.7	110.58	0.00	0.00	319.00	208.42	0	0.000	0.00	
	7	4.5	11.7	4.5	110.58	0.00	0.00	319.00	208.42	0	0.000	0.00	
	8	4.3	11.7	4.3	110.58	0.00	0.00	319.00	208.42	0	0.000	0.00	
	9	4.7	12.6	4.7	110.58	0.00	0.00	319.00	208.42	0	0.000	0.00	
	10	4.8	13.4	4.8	110.58	0.00	0.00	319.00	208.42	0	0.000	0.00	
	11	5.0	11.7	5.0	110.58	0.00	0.00	319.00	208.43	0	0.000	0.00	
	12	4.8	11.7	4.8	110.58	0.00	0.00	319.00	208.43	0	0.000	0.00	
	13	4.8	11.7	4.8	110.58	0.00	0.00	319.00	208.43	0	0.000	0.00	
	14	4.7	11.7	4.7	110.58	0.00	0.00	319.00	208.43	0	0.000	0.00	
	15	4.7	11.7	4.7	110.58	0.00	0.00	319.00	208.43	0	0.000	0.00	
	16	4.5	11.7	4.5	110.58	0.00	0.00	319.00	208.42	0	0.000	0.00	
	17	4.5	11.7	4.5	110.58	0.00	0.00	319.00	208.42	0	0.000	0.00	
	18	4.3	11.7	4.3	110.58	0.00	0.00	319.00	208.42	0	0.000	0.00	
	19	4.3	11.7	4.1	110.58	0.00	0.00	319.00	208.42	0	0.000	0.00	
	20	4.1	11.7	4.1	110.58	0.00	0.00	319.00	208.42	0	0.000	0.00	
	21	4.3	10.9	4.3	110.57	0.00	0.00	319.00	208.43	0	0.000	0.00	
	22	4.5	10.1	4.5	110.56	0.00	0.00	319.00	208.44	0	0.000	0.00	
	23	5.2	11.7	5.2	110.58	0.00	0.00	319.00	208.43	0	0.000	0.00	
	24	10.2	14.3	10.2	110.59	0.00	0.03	319.00	208.37	0	0.000	0.00	
	25	15.8	20.0	15.8	110.63	0.00	0.26	319.00	208.11	0	0.000	0.00	
	26	19.0	22.9	19.0	110.65	0.00	0.48	319.00	207.86	0	0.000	0.00	
	27	17.4	21.3	17.4	110.64	0.00	0.36	319.00	207.99	0	0.000	0.00	
	28	29.4	21.3	7.2	110.64	22.20	1.72	319.00	206.64	1	0.846	38.92	
	29	74.9	101.2	7.2	111.19	67.70	15.96	319.00	191.85	2	0.911	115.89	
	30	54.1	75.1	7.2	111.01	44.90	7.66	319.00	200.32	2	0.870	90.11	
	31	34.7	46.7	7.2	110.82	27.50	2.63	319.00	205.55	1	0.899	49.78	9.18
Jun.	1	21.4	33.5	21.4	110.73	0.00	0.70	319.00	207.57	0	0.000	0.00	
	2	19.0	27.4	19.0	110.69	0.00	0.48	319.00	207.83	0	0.000	0.00	
	3	17.4	23.7	17.4	110.66	0.00	0.36	319.00	207.98	0	0.000	0.00	
	4	14.9	22.9	14.9	110.65	0.00	0.21	319.00	208.14	0	0.000	0.00	
	5	21.4	27.4	21.4	110.69	0.00	0.70	319.00	207.61	0	0.000	0.00	
	6	32.0	39.7	7.2	110.77	24.80	2.14	319.00	206.09	1	0.885	44.30	
	7	45.7	60.0	7.2	110.91	38.50	5.16	319.00	202.93	1	0.903	69.15	
	8	33.7	48.6	7.2	110.83	26.50	2.45	319.00	205.72	1	0.894	47.77	
	9	31.2	43.9	7.2	110.79	24.00	2.01	319.00	206.20	1	0.879	42.64	
	10	37.2	46.7	7.2	110.82	30.00	3.13	319.00	205.05	1	0.907	54.69	
	11	34.7	50.5	7.2	110.85	27.50	2.63	319.00	205.52	1	0.899	49.78	
	12	28.6	39.7	7.2	110.77	21.40	1.59	319.00	206.63	1	0.839	37.21	
	13	25.4	34.7	7.2	110.73	18.20	1.15	319.00	207.10	1	0.826	30.53	
	14	31.2	35.1	7.2	110.74	24.00	2.01	319.00	206.25	1	0.879	42.65	
	15	48.5	52.5	7.2	110.85	41.30	5.94	319.00	202.21	2	0.847	69.76	
	16	53.2	73.9	7.2	111.00	46.00	7.37	319.00	200.63	2	0.847	78.40	
	17	178.7	286.5	84.7	112.22	90.00	28.21	319.31	178.86	2	0.998	141.76	
	18	237.7	354.9	147.7	112.50	90.00	28.21	319.47	178.76	2	0.999	141.68	
	19	132.8	247.6	42.8	112.04	90.00	28.21	319.17	178.92	2	0.998	141.78	
	20	80.6	128.0	7.2	111.36	73.40	18.76	319.00	188.87	2	0.912	123.85	
	21	59.8	91.3	7.2	111.13	52.60	9.64	319.00	198.24	2	0.888	90.71	
	22	43.7	70.7	7.2	110.99	36.50	5.10	319.00	202.85	1	0.903	69.13	
	23	40.0	58.1	7.2	110.90	32.80	3.75	319.00	204.35	1	0.911	59.87	
	24	35.5	52.4	7.2	110.86	28.30	2.79	319.00	205.35	1	0.902	51.57	
	25	33.7	44.7	7.2	110.82	26.50	2.45	319.00	205.73	1	0.894	47.77	
	26	31.2	42.9	7.2	110.79	24.00	2.01	319.00	206.20	1	0.879	42.64	
	27	27.8	38.7	7.2	110.77	20.60	1.48	319.00	206.75	1	0.851	35.54	
	28	26.1	38.3	7.2	110.76	18.90	1.24	319.00	206.99	1	0.834	31.98	
	29	120.4	72.9	30.4	111.00	90.00	28.21	319.13	179.91	2	0.997	142.00	
	30	187.1	185.5	97.1	111.71	90.00	28.21	319.34	179.42	2	0.998	142.00	
													60.95

POWER GENERATION SIMULATION

Year : 1932 | Dam Axis at F.S.L.= 319.00 m | Rated Head : 179.30 m | Min. Plant Discharge : 90.00 cms | Installed Capacity : 145.0 MW

Date		Discharge Dam (cms)	Discharge PH (cms)	R/F or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Resv level	Effect. Head h	Unit	Efficie ncy	Output MW	Monthl y Ave. MW
Jul.	1	107.2	139.7	17.3	111.31	90.0	28.21	319.06	179.54	2	0.888	143.00	
	2	72.0	93.8	7.2	111.14	64.9	14.62	319.00	193.34	2	0.909	111.49	
	3	60.7	72.9	7.3	111.00	53.5	9.97	319.00	198.03	2	0.890	92.41	
	4	51.3	61.9	7.2	110.93	44.1	6.77	319.00	201.30	2	0.859	74.77	
	5	43.7	54.3	7.2	110.90	36.5	5.16	319.00	202.95	1	0.903	69.16	
	6	41.0	50.5	7.2	110.85	33.8	5.96	319.00	204.17	1	0.913	61.48	
	7	37.2	46.7	7.2	110.82	30.0	5.15	319.00	205.05	1	0.907	54.48	
	8	32.9	44.9	7.2	110.81	25.7	2.30	319.00	205.89	1	0.900	46.14	
	9	31.2	41.4	7.2	110.78	24.0	2.01	319.00	206.21	1	0.879	42.64	
	10	29.4	41.4	7.2	110.78	22.2	1.72	319.00	206.50	1	0.846	38.89	
	11	27.8	39.7	7.2	110.77	20.6	1.48	319.00	206.75	1	0.553	33.54	
	12	27.0	34.2	7.2	110.76	19.8	1.37	319.00	206.87	1	0.846	33.08	
	13	29.4	41.4	7.2	110.78	22.2	1.72	319.00	206.50	1	0.846	34.89	
	14	341.9	296.6	251.9	112.27	90.0	28.21	319.70	179.22	2	0.898	141.98	
	15	279.4	230.0	186.4	112.36	90.0	28.21	319.54	179.07	2	0.898	141.81	
	16	180.6	209.7	70.6	111.84	90.0	28.21	319.26	179.31	2	0.898	141.97	
	17	104.2	132.5	16.3	111.39	90.0	28.21	319.05	179.52	2	0.898	142.00	
	18	83.4	104.2	7.3	111.22	76.3	20.22	319.00	197.56	2	0.911	127.57	
	19	77.7	86.8	7.3	111.11	70.9	17.31	319.00	150.58	2	0.911	120.02	
	20	73.0	81.7	7.2	111.04	65.8	15.08	319.00	182.84	2	0.909	113.09	
	21	65.4	79.3	7.2	111.04	58.3	11.83	319.00	196.18	2	0.900	102.89	
	22	309.5	280.0	159.5	112.19	90.0	28.21	319.40	179.00	2	0.898	141.83	
	23	133.8	202.5	42.8	111.79	90.0	28.21	319.17	179.16	2	0.898	141.84	
	24	113.7	150.6	23.7	111.50	90.0	28.21	319.10	179.38	2	0.898	142.00	
	25	87.2	125.2	7.2	111.34	80.0	22.20	319.00	185.37	2	0.908	132.06	
	26	73.0	109.7	7.3	111.21	65.8	15.08	319.00	192.72	2	0.909	113.00	
	27	61.7	91.3	7.2	111.12	54.5	10.34	319.00	197.53	2	0.902	94.14	
	28	54.1	83.9	7.2	111.07	44.9	7.66	319.00	200.27	2	0.870	80.08	
	29	47.5	75.1	7.2	111.01	40.3	5.96	319.00	202.33	2	0.843	67.35	
	30	43.8	61.9	7.2	110.93	34.6	4.67	319.00	203.41	1	0.908	64.27	
	31	42.9	58.1	7.2	110.90	34.6	4.67	319.00	203.44	1	0.908	64.29	94.07
Aug.	1	48.5	64.1	7.2	110.94	41.3	5.94	319.00	202.13	2	0.847	69.32	
	2	46.6	58.1	7.2	110.90	39.4	5.41	319.00	202.69	1	0.903	70.43	
	3	42.9	56.2	7.2	110.89	35.6	4.41	319.00	203.70	1	0.910	64.48	
	4	44.7	56.2	7.2	110.89	37.5	4.90	319.00	203.22	1	0.906	67.48	
	5	43.7	58.1	7.2	110.90	36.5	5.16	319.00	202.94	1	0.905	68.15	
	6	51.0	52.4	7.2	110.84	23.8	3.98	319.00	204.16	1	0.912	61.65	
	7	37.2	50.5	7.2	110.83	30.0	3.13	319.00	205.02	1	0.907	54.48	
	8	46.0	52.4	7.2	110.84	32.8	3.75	319.00	204.39	1	0.911	59.98	
	9	37.2	50.5	7.2	110.83	30.0	3.13	319.00	205.02	1	0.907	54.48	
	10	34.4	48.6	7.2	110.83	26.3	2.97	319.00	205.20	1	0.903	53.14	
	11	33.5	46.7	7.2	110.82	26.3	2.79	319.00	205.39	1	0.902	51.98	
	12	32.9	44.9	7.2	110.81	25.7	2.30	319.00	205.89	1	0.900	46.14	
	13	31.2	42.9	7.2	110.79	24.0	2.01	319.00	206.20	1	0.879	42.64	
	14	29.4	42.9	7.2	110.79	22.2	1.72	319.00	206.49	1	0.846	38.88	
	15	29.4	41.4	7.2	110.78	22.2	1.72	319.00	206.50	1	0.846	38.89	
	16	29.4	42.9	7.2	110.79	22.2	1.72	319.00	206.49	1	0.846	38.88	
	17	31.2	41.4	7.2	110.78	24.0	2.01	319.00	206.21	1	0.879	42.64	
	18	32.0	41.4	7.2	110.78	24.8	2.14	319.00	206.07	1	0.883	44.30	
	19	31.2	41.4	7.2	110.78	24.0	2.01	319.00	206.21	1	0.879	42.64	
	20	30.3	41.4	7.2	110.78	23.1	1.86	319.00	206.36	1	0.873	40.77	
	21	29.4	39.7	7.2	110.77	22.2	1.72	319.00	206.51	1	0.846	38.89	
	22	27.8	36.3	7.2	110.74	20.6	1.48	319.00	206.76	1	0.831	35.54	
	23	27.0	34.7	7.2	110.73	19.8	1.37	319.00	206.88	1	0.844	35.86	
	24	34.1	33.1	7.2	110.74	18.9	1.24	319.00	207.02	1	0.834	31.99	
	25	23.4	33.9	7.2	110.75	18.2	1.15	319.00	207.12	1	0.826	30.53	
	26	23.4	33.1	7.2	110.74	18.2	1.15	319.00	207.11	1	0.826	30.53	
	27	23.4	33.1	7.2	110.74	18.2	1.15	319.00	207.11	1	0.826	30.53	
	28	24.5	33.9	7.2	110.75	17.3	1.04	319.00	207.23	1	0.816	28.67	
	29	23.8	33.5	7.2	110.73	16.6	0.96	319.00	207.31	1	0.807	27.23	
	30	23.5	33.5	7.2	110.73	15.8	0.87	319.00	207.40	1	0.797	25.85	
	31	21.4	30.3	21.4	110.71	0.0	0.72	319.00	207.59	0	0.000	0.00	44.06
Sep.	1	19.8	30.5	18.9	110.71	0.0	0.55	319.00	207.71	0	0.000	0.00	
	2	18.1	30.5	18.1	110.71	0.0	0.41	319.00	207.84	0	0.000	0.00	
	3	44.7	44.7	7.2	110.83	37.5	4.90	319.00	203.28	1	0.906	67.70	
	4	213.0	215.8	120.0	111.66	90.0	28.21	319.41	179.33	2	0.898	142.00	
	5	350.2	364.9	260.2	113.07	90.0	28.21	319.72	178.64	2	0.899	141.48	
	6	325.2	307.3	235.2	112.93	90.0	28.21	319.67	178.83	2	0.899	141.53	
	7	534.8	866.7	444.8	113.53	90.0	28.21	320.06	178.31	2	0.899	141.39	
	8	302.7	713.8	412.7	113.33	90.0	28.21	320.00	178.46	2	0.899	141.49	
	9	354.3	442.2	264.3	112.78	90.0	28.21	319.73	178.74	2	0.899	141.67	
	10	180.7	273.5	90.7	112.16	90.0	28.21	319.32	178.95	2	0.898	141.80	
	11	138.0	191.3	58.0	111.74	90.0	28.21	319.15	179.20	2	0.898	141.96	
	12	130.9	153.4	20.9	111.52	90.0	28.21	319.06	179.35	2	0.898	142.00	
	13	94.8	133.5	7.3	111.40	87.6	26.73	319.00	180.86	2	0.901	139.93	
	14	81.5	108.6	7.2	111.24	74.3	19.23	319.00	188.54	2	0.911	125.12	
	15	79.6	106.2	7.2	111.22	72.4	18.26	319.00	189.52	2	0.912	122.99	
	16	87.2	114.2	7.2	111.27	80.0	22.20	319.00	185.44	2	0.909	132.10	
	17	101.4	138.0	11.4	111.36	90.0	28.21	319.03	179.45	2	0.898	142.00	
	18	107.2	143.0	17.2	111.43	90.0	28.21	319.06	179.40	2	0.898	142.00	
	19	150.9	218.8	60.9	111.89	90.0	28.21	319.23	179.13	2	0.898	141.91	
	20	144.6	257.3	74.6	112.09	90.0	28.21	319.27	179.08	2	0.898	141.83	
	21	122.3	203.5	32.3	111.79	90.0	28.21	319.12	179.13	2	0.898	141.91	
	22	102.3	142.0	12.3	111.43	90.0	28.21	319.03	179.37	2	0.898	142.00	
	23	64.2	128.0	7.2	111.36	79.0	21.34	319.00	183.90	2	0.908	130.88	
	24	77.7	106.2	7.2	111.22	70.5	17.31	319.00	190.47	2	0.911	119.95	
	25	68.3	96.3	7.2	111.16	61.1	13.09	319.00	194.84	2	0.904	105.52	
	26	59.8	84.3	7.2	111.09	52.6	9.44	319.00	198.27	2	0.868	90.72	
	27	54.0	81.7	7.2	111.06	48.8	8.29	319.00	199.45	2	0.877	81.98	
	28	54.1	75.1	7.2	111.01	44.9	7.66	319.00	200.32	2	0.870	80.11	
	29	52.2	73.1	7.2	111.01	43.0	7.05	319.00	200.93	2	0.863	76.47	
	30	56.0	79.5	7.2	111.04	48.8	8.29	319.00	199.64	2	0.877	83.70	
													114.13

Date		Discharge Dam (cms)	Discharge PH (cms)	R/F or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Resv level	Effect. Head h	Unit	Efficie ncy	Output MW	Monthl y Ave. MW
Oct.	1	53.2	83.9	7.2	111.07	44.80	7.37	319.00	203.54	2	0.867	78.36	
	2	44.6	73.1	7.2	111.01	39.40	5.41	319.00	203.58	1	0.903	70.39	
	3	43.8	70.7	7.2	110.99	36.60	4.87	319.00	203.35	1	0.908	66.26	
	4	41.9	61.9	7.2	110.93	34.70	4.19	319.00	203.88	1	0.911	63.17	
	5	38.1	54.3	7.2	110.87	30.90	3.53	319.00	204.80	1	0.902	56.39	
	6	37.2	52.4	7.2	110.86	30.00	3.13	319.00	205.01	1	0.907	54.48	
	7	38.1	54.3	7.2	110.87	30.90	3.53	319.00	204.80	1	0.902	56.39	
	8	32.3	66.3	7.2	110.96	45.00	7.05	319.00	203.39	2	0.863	76.49	
	9	90.6	144.9	7.2	111.47	73.40	15.76	319.00	188.77	2	0.912	123.78	
	10	105.3	194.4	13.3	111.76	90.00	28.21	319.04	179.07	2	0.898	141.88	
	11	74.9	138.1	7.2	111.43	67.70	13.96	319.00	191.61	2	0.910	119.74	
	12	64.4	108.6	7.2	111.24	58.20	12.21	319.00	195.56	2	0.902	102.29	
	13	107.2	125.2	17.2	111.34	90.00	28.21	319.04	179.30	2	0.898	142.00	
	14	434.0	633.2	344.0	113.20	90.00	28.21	319.88	178.47	2	0.898	141.39	
	15	577.2	798.6	497.2	113.67	90.00	28.21	320.05	178.37	2	0.899	141.43	
	16	418.0	548.0	326.0	113.07	90.00	28.21	319.85	178.56	2	0.899	141.55	
	17	275.0	368.0	143.0	112.67	90.00	28.21	319.66	178.77	2	0.899	141.69	
	18	198.1	341.9	108.1	112.53	90.00	28.21	319.57	178.63	2	0.899	141.60	
	19	488.2	825.3	398.2	113.51	90.00	28.21	319.98	178.36	2	0.899	141.34	
	20	437.0	688.0	347.0	113.20	90.00	28.21	319.89	178.59	2	0.899	141.44	
	21	288.0	476.5	208.0	113.07	90.00	28.21	319.60	178.52	2	0.898	141.37	
	22	202.6	313.7	112.6	112.34	90.00	28.21	319.36	178.83	2	0.899	141.73	
	23	151.9	241.1	61.9	112.01	90.00	28.21	319.23	179.01	2	0.898	141.84	
	24	122.3	194.4	32.3	111.76	90.00	28.21	319.13	179.14	2	0.898	141.93	
	25	113.8	164.9	23.8	111.59	90.00	28.21	319.09	179.29	2	0.898	142.00	
	26	112.3	179.6	22.8	111.67	90.00	28.21	319.09	179.20	2	0.898	141.96	
	27	133.7	200.5	43.7	111.78	90.00	28.21	319.17	179.12	2	0.898	141.84	
	28	208.9	248.5	118.3	112.10	90.00	28.21	319.40	179.08	2	0.898	141.89	
	29	413.9	544.3	323.9	113.02	90.00	28.21	319.84	178.61	2	0.899	141.58	
	30	322.4	468.9	232.4	112.85	90.00	28.21	319.66	178.60	2	0.899	141.58	
	31	295.0	390.9	205.0	112.62	90.00	28.21	319.60	178.77	2	0.899	141.69	119.29
Nov.	1	286.0	387.3	196.0	112.61	90.00	28.21	319.58	178.76	2	0.899	141.68	
	2	216.6	288.1	126.6	112.35	90.00	28.21	319.43	178.96	2	0.898	141.81	
	3	235.3	313.7	145.3	112.34	90.00	28.21	319.44	178.91	2	0.898	141.78	
	4	398.1	513.5	308.1	112.96	90.00	28.21	319.81	178.64	2	0.899	141.48	
	5	417.5	540.0	327.5	113.07	90.00	28.21	319.83	178.57	2	0.899	141.54	
	6	334.3	476.5	264.2	112.87	90.00	28.21	319.73	178.65	2	0.898	141.61	
	7	251.5	341.2	181.8	112.43	90.00	28.21	319.50	178.83	2	0.899	141.74	
	8	206.8	288.0	136.8	112.19	90.00	28.21	319.39	178.98	2	0.898	141.82	
	9	161.6	233.4	71.5	111.86	90.00	28.21	319.26	179.19	2	0.898	141.98	
	10	147.1	208.6	57.1	111.81	90.00	28.21	319.22	179.20	2	0.898	141.96	
	11	130.9	188.5	40.9	111.71	90.00	28.21	319.16	179.24	2	0.898	141.89	
	12	118.5	164.9	28.9	111.59	90.00	28.21	319.11	179.31	2	0.898	142.00	
	13	108.3	144.9	13.3	111.47	90.00	28.21	319.04	179.36	2	0.898	142.00	
	14	83.4	125.2	7.3	111.34	76.20	20.22	319.00	187.43	2	0.911	127.40	
	15	73.0	108.6	7.2	111.24	64.80	14.62	319.00	193.14	2	0.909	111.43	
	16	73.0	102.7	7.2	111.21	65.80	15.08	319.00	192.72	2	0.909	113.00	
	17	73.1	98.7	7.2	111.17	63.90	14.22	319.00	195.61	2	0.908	110.85	
	18	70.1	98.7	7.2	111.17	62.90	13.76	319.00	194.05	2	0.907	108.45	
	19	84.3	108.6	7.2	111.24	77.10	20.70	319.00	197.04	2	0.910	138.68	
	20	141.3	176.7	51.3	111.66	90.00	28.21	319.30	179.35	2	0.898	142.00	
	21	105.3	153.4	15.2	111.52	90.00	28.21	319.05	179.32	2	0.898	142.00	
	22	79.6	108.6	7.3	111.24	72.45	16.36	319.00	189.51	2	0.912	123.99	
	23	71.1	96.3	7.2	111.16	63.90	14.22	319.00	193.62	2	0.908	110.06	
	24	59.8	84.3	7.2	111.09	52.60	9.44	319.00	196.27	2	0.868	90.72	
	25	55.1	77.3	7.2	111.03	47.90	7.99	319.00	199.98	2	0.874	83.00	
	26	53.2	72.9	7.2	111.00	46.00	7.37	319.00	200.63	2	0.867	78.40	
	27	51.3	70.7	7.2	110.99	44.10	6.77	319.00	201.24	2	0.859	74.74	
	28	53.2	68.5	7.2	110.97	44.00	7.37	319.00	200.66	2	0.867	78.41	
	29	105.2	122.5	15.2	111.33	90.00	28.21	319.05	179.31	2	0.898	142.00	
	30	136.2	176.7	36.2	111.64	90.00	28.21	319.14	179.27	2	0.898	142.00	
													124.81
Dec.	1	108.1	164.9	15.1	111.59	90.00	28.21	319.06	179.26	2	0.898	142.00	
	2	87.2	122.5	7.2	111.33	80.00	22.20	319.00	185.38	2	0.909	132.07	
	3	62.3	93.8	7.2	111.14	55.30	10.88	319.00	197.21	2	0.891	95.36	
	4	54.1	79.5	7.2	111.04	44.90	7.66	319.00	200.29	2	0.870	80.69	
	5	58.8	79.5	7.2	111.04	51.40	9.27	319.00	198.68	2	0.885	88.91	
	6	69.2	84.3	7.2	111.09	62.00	13.39	319.00	194.32	2	0.904	107.64	
	7	59.5	77.3	7.2	111.03	52.40	9.04	319.00	198.33	2	0.868	90.76	
	8	42.8	64.3	7.2	110.96	35.60	4.41	319.00	202.63	1	0.910	64.65	
	9	41.9	103.7	7.2	111.21	34.70	4.19	319.00	203.60	1	0.911	63.89	
	10	42.8	91.3	7.2	111.12	35.60	4.41	319.00	202.66	1	0.910	64.62	
	11	41.9	81.7	7.2	111.04	34.70	4.19	319.00	203.73	1	0.911	63.13	
	12	66.4	84.3	7.2	111.09	59.20	12.21	319.00	193.70	2	0.902	103.37	
	13	75.8	98.7	7.2	111.17	68.60	16.59	319.00	191.64	2	0.911	117.34	
	14	67.3	106.2	7.2	111.22	60.10	13.58	319.00	195.20	2	0.905	109.81	
	15	57.8	103.7	7.2	111.21	50.60	8.82	319.00	198.86	2	0.902	94.98	
	16	47.5	84.3	7.2	111.09	40.30	5.46	319.00	202.25	2	0.843	67.30	
	17	49.0	70.7	7.2	110.99	32.80	3.75	319.00	204.27	1	0.911	59.85	
	18	48.5	72.9	7.2	111.00	41.35	5.84	319.00	202.04	2	0.847	68.28	
	19	44.6	64.3	7.2	110.97	39.40	5.41	319.00	202.62	1	0.903	70.41	
	20	43.8	61.9	7.2	110.93	36.60	4.67	319.00	203.41	1	0.908	66.27	
	21	34.1	54.2	7.2	110.86	26.90	3.33	319.00	204.79	1	0.906	54.58	
	22	33.7	50.5	7.2	110.83	26.50	2.45	319.00	205.71	1	0.894	47.77	
	23	30.3	46.7	7.2	110.82	23.10	1.86	319.00	206.32	1	0.873	40.76	
	24	23.6	44.8	7.2	110.81	21.40	1.59	319.00	206.80	1	0.859	37.20	
	25	24.1	41.4	7.2	110.78	18.90	1.34	319.00	206.97	1	0.834	31.98	
	26	27.0	41.4	7.2	110.78	19.80	1.37	319.00	206.85	1	0.844	33.86	
	27	27.8	44.7	7.2	110.82	20.60	1.48	319.00	206.70	1	0.851	35.52	
	28	27.0	42.9	7.2	110.79	19.80	1.37	319.00	206.84	1	0.844	33.86	
	29	23.4	41.4	7.2	110.78	18.20	1.15	319.00	207.06	1	0.826	30.52	
	30	37.2	48.6	7.2	110.85	30.00	3.13	319.00	205.03	1	0.907	54.48	
	31	96.7	142.0	7.2	111.45	89.30	27.90	319.00	179.45	2	0.898	141.61	73.54

POWER GENERATION SIMULATION

Dam Axis B — Rated Head : 179.30 m — Installed Capacity : 142.0 MW

Year : 1953 — F.S.L. = 319.00 m — Max. Plant Discharge : 90.00 cms

Date		Discharge Dam (cms)	Discharge P&I (cms)	RMF or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit nos	Efficie ncy	Output MW	Monthl y Ave. MW
Jan.	1	109.4	179.7	10.4	111.64	90.0	29.31	319.02	179.17	2	0.898	141.84	
	2	83.3	130.7	7.2	111.58	78.1	21.34	319.00	186.34	2	0.910	139.80	
	3	53.1	91.3	7.2	111.32	47.9	7.99	319.00	199.89	2	0.875	81.96	
	4	53.3	75.1	7.2	111.91	45.0	7.05	319.00	200.93	2	0.865	76.47	
	5	73.0	173.7	7.2	111.64	68.6	16.29	319.00	180.97	2	0.911	116.94	
	6	54.0	138.0	7.2	111.36	64.8	15.34	319.00	182.10	2	0.910	114.43	
	7	104.3	209.7	14.3	111.84	90.0	28.21	319.04	178.59	2	0.898	141.83	
	8	163.4	254.1	50.4	112.07	90.0	28.21	319.10	178.91	2	0.898	141.78	
	9	121.2	211.8	31.3	111.88	90.0	28.21	319.12	179.04	2	0.898	141.86	
	10	98.1	153.6	7.2	111.20	83.9	23.56	319.00	184.14	2	0.907	134.09	
	11	78.1	111.4	7.2	111.26	62.9	13.78	319.00	193.97	2	0.907	108.40	
	12	98.8	98.7	7.2	111.17	52.6	9.64	319.00	198.19	2	0.898	90.08	
	13	67.3	86.8	7.2	111.11	60.1	12.58	319.00	195.31	2	0.905	103.68	
	14	62.5	98.7	7.2	111.17	55.3	10.85	319.00	197.16	2	0.894	95.54	
	15	55.1	114.9	7.2	111.29	47.9	7.99	319.00	199.72	2	0.879	81.97	
	16	70.1	125.2	7.2	111.34	62.9	13.78	319.00	193.82	2	0.907	108.35	
	17	57.8	101.2	7.2	111.19	50.6	8.82	319.00	198.09	2	0.883	84.99	
	18	53.2	94.3	7.2	111.16	44.0	7.37	319.00	200.47	2	0.867	78.33	
	19	81.3	170.8	7.2	111.63	74.3	19.33	319.00	188.13	2	0.911	124.87	
	20	59.1	125.3	7.2	111.34	52.6	9.64	319.00	199.02	2	0.897	90.59	
	21	52.2	94.3	7.2	111.16	45.0	7.05	319.00	200.79	2	0.863	76.40	
	22	51.3	83.9	7.2	111.07	44.1	6.77	319.00	201.15	2	0.859	74.70	
	23	45.7	66.5	7.2	110.97	38.5	5.16	319.00	202.87	1	0.903	69.13	
	24	40.9	49.9	7.2	110.91	32.8	3.75	319.00	204.34	1	0.911	59.87	
	25	52.2	91.3	7.2	111.12	45.0	7.05	319.00	200.83	2	0.863	76.42	
	26	75.8	165.7	7.2	111.21	68.6	16.29	319.00	191.61	2	0.911	117.22	
	27	61.7	98.7	7.2	111.17	54.5	10.34	319.00	197.48	2	0.882	94.13	
	28	53.2	83.9	7.2	111.07	44.0	7.37	319.00	200.56	2	0.867	78.36	
	29	49.4	70.7	7.2	110.99	42.2	6.30	319.00	201.81	2	0.851	71.05	
	30	48.4	83.9	7.2	111.07	43.2	6.30	319.00	201.72	2	0.851	71.03	
	31	73.8	280.9	7.2	112.15	64.6	15.79	319.00	193.42	2	0.911	116.59	99.81
Feb.	1	81.5	191.3	7.2	111.74	74.3	19.33	319.00	188.03	2	0.911	124.79	
	2	74.0	144.9	7.2	111.47	66.8	15.34	319.00	191.99	2	0.910	134.37	
	3	64.5	116.9	7.2	111.29	57.3	11.43	319.00	194.27	2	0.898	99.99	
	4	57.8	98.7	7.2	111.17	50.6	8.82	319.00	198.91	2	0.882	87.00	
	5	47.5	84.3	7.2	111.09	40.3	5.86	319.00	202.23	2	0.843	67.35	
	6	41.9	72.0	7.2	111.00	34.7	4.19	319.00	203.81	1	0.911	63.15	
	7	53.7	61.9	7.2	110.93	26.5	2.45	319.00	205.63	1	0.894	47.74	
	8	53.5	60.0	7.2	110.91	38.3	2.79	319.00	205.30	1	0.902	51.36	
	9	64.3	78.5	7.2	111.04	57.3	11.43	319.00	196.52	2	0.898	99.13	
	10	70.1	108.6	7.2	111.24	62.9	13.78	319.00	193.98	2	0.907	108.41	
	11	100.0	165.0	19.0	111.57	90.0	28.21	319.07	179.39	2	0.898	142.00	
	12	185.9	344.3	95.0	112.02	90.0	28.21	319.33	179.10	2	0.898	141.90	
	13	287.3	327.4	197.3	112.40	90.0	28.21	319.39	178.98	2	0.898	141.82	
	14	322.4	390.3	232.4	112.59	90.0	28.21	319.46	178.86	2	0.899	141.75	
	15	265.9	363.7	175.9	112.60	90.0	28.21	319.34	178.73	2	0.899	141.66	
	16	203.6	306.9	113.6	113.31	90.0	28.21	319.36	178.86	2	0.899	141.75	
	17	135.5	237.9	45.6	111.89	90.0	28.21	319.18	178.97	2	0.898	141.82	
	18	125.2	167.3	35.3	111.61	90.0	28.21	319.14	179.32	2	0.898	142.00	
	19	93.9	135.5	7.2	111.40	65.7	25.58	319.00	182.02	2	0.905	138.10	
	20	81.5	111.4	7.2	111.26	74.3	19.33	319.00	186.52	2	0.911	125.11	
	21	66.4	98.7	7.2	111.17	59.2	12.31	319.00	195.62	2	0.902	102.32	
	22	58.8	84.3	7.2	111.09	51.6	9.37	319.00	198.64	2	0.865	84.49	
	23	54.9	81.7	7.2	111.06	49.7	8.80	319.00	199.34	2	0.879	85.98	
	24	67.3	101.2	7.2	111.19	60.1	12.58	319.00	193.23	2	0.905	103.63	
	25	73.0	108.6	7.2	111.24	65.8	13.05	319.03	192.68	2	0.910	113.98	
	26	60.7	86.8	7.2	111.11	53.5	9.87	319.00	197.92	2	0.890	92.35	
	27	48.5	68.5	7.2	110.97	41.3	5.94	319.00	202.09	2	0.847	69.30	
	28	43.8	61.9	7.2	110.93	36.6	4.67	319.00	203.61	1	0.908	66.27	
													106.45
Mar.	1	38.1	58.1	7.2	110.90	30.9	3.33	319.00	204.78	1	0.909	54.98	
	2	34.7	54.2	7.2	110.89	27.5	2.63	319.00	205.48	1	0.899	49.77	
	3	39.1	68.5	7.2	110.97	31.9	3.54	319.00	204.49	1	0.911	58.22	
	4	83.3	104.2	7.2	111.22	78.1	21.34	319.00	184.54	2	0.910	139.80	
	5	61.7	114.9	7.2	111.29	54.5	10.34	319.00	197.36	2	0.892	94.05	
	6	74.7	125.2	7.2	111.34	68.5	16.02	319.00	190.85	2	0.911	118.44	
	7	83.4	114.2	7.2	111.27	76.2	20.22	319.00	187.50	2	0.911	127.53	
	8	80.6	114.2	7.2	111.27	73.4	18.76	319.00	188.96	2	0.912	125.90	
	9	88.2	147.7	7.2	111.48	81.0	22.83	319.00	184.67	2	0.908	130.10	
	10	152.8	136.3	22.8	111.54	90.0	28.21	319.08	179.34	2	0.898	142.00	
	11	93.8	133.5	7.2	111.40	86.6	26.12	319.00	181.48	2	0.902	138.98	
	12	93.8	189.7	7.2	111.31	86.6	26.12	319.00	181.57	2	0.902	139.04	
	13	91.9	111.4	7.2	111.26	84.7	24.98	319.00	182.76	2	0.904	137.20	
	14	73.8	103.7	7.2	111.21	68.6	16.29	319.00	191.41	2	0.911	117.22	
	15	57.8	83.9	7.2	111.07	50.6	8.82	319.00	199.01	2	0.882	87.05	
	16	50.4	72.8	7.2	111.00	43.2	6.30	319.00	201.30	2	0.856	72.99	
	17	45.7	61.9	7.2	110.93	38.5	5.16	319.00	202.91	1	0.903	69.15	
	18	42.8	59.1	7.2	110.90	35.6	4.41	319.00	203.89	1	0.910	64.68	
	19	39.1	58.1	7.2	110.90	31.9	3.54	319.00	204.56	1	0.911	58.24	
	20	37.2	54.2	7.2	110.89	30.0	3.13	319.00	204.98	1	0.907	54.65	
	21	35.3	54.3	7.2	110.87	28.1	2.78	319.00	205.34	1	0.902	51.37	
	22	47.5	73.5	7.2	111.04	40.3	5.86	319.00	202.30	2	0.843	67.32	
	23	48.5	75.1	7.2	111.01	41.3	5.94	319.00	202.04	2	0.847	69.29	
	24	42.8	70.7	7.2	110.99	35.6	4.41	319.00	203.65	1	0.910	64.65	
	25	40.0	70.7	7.2	110.99	32.8	3.75	319.00	204.27	1	0.911	59.85	
	26	34.7	54.1	7.2	110.89	27.5	2.63	319.00	205.47	1	0.899	49.77	
	27	30.3	50.5	7.2	110.85	23.1	1.85	319.00	206.29	1	0.873	42.75	
	28	28.6	44.7	7.2	110.82	21.4	1.59	319.00	206.58	1	0.859	37.20	
	29	27.0	42.9	7.2	110.79	19.8	1.37	319.00	206.84	1	0.844	33.06	
	30	25.4	39.7	7.2	110.77	18.2	1.15	319.00	207.07	1	0.826	30.52	
	31	73.8	39.7	7.2	110.77	16.6	0.96	319.00	207.27	1	0.907	27.22	60.78

Date		Discharge Dam (cms)	Discharge P&I (cms)	RMF or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit nos	Efficie ncy	Output MW	Monthl y Ave. MW
Apr.	1	23.0	38.2	7.2	110.76	15.80	0.87	319.00	207.37	1	0.797	25.59	
	2	23.0	34.2	7.2	110.76	15.80	0.87	319.00	207.37	1	0.797	25.59	
	3	22.2	30.7	22.2	110.77	0.00	0.78	319.00	207.44	0	0.000	0.00	
	4	24.3	30.2	7.2	110.76	17.30	1.04	319.00	207.20	1	0.814	26.66	
	5	26.1	39.7	7.2	110.77	18.80	1.34	319.00	206.86	1	0.834	31.98	
	6	51.2	64.6	7.2	110.81	34.00	2.01	319.00	206.19	1	0.879	42.64	
	7	41.0	64.1	7.2	110.84	33.80	3.90	319.00	204.68	1	0.913	61.40	
	8	47.3	73.5	7.2	111.04	40.30	5.46	319.00	202.30	2	0.843	67.32	
	9	44.7	70.7	7.2	110.99	37.50	4.90	319.00	203.12	1	0.906	67.65	
	10	92.9	94.2	7.2	110.90	25.70	2.30	319.00	203.61	1	0.890	44.12	
	11	27.8	44.8	7.2	110.81	20.40	1.48	319.00	206.71	1	0.831	35.53	
	12	25.8	39.7	7.2	110.77	18.40	0.96	319.00	207.27	1	0.807	27.23	
	13	23.0	34.7	7.2	110.75	15.80	0.87	319.00	207.36	1	0.797	25.59	
	14	23.3	33.2	23.3	110.74	0.00	0.78	319.00	207.48	0	0.000	0.00	
	15	22.2	33.1	22.2	110.74	0.00	0.78	319.00	207.48	0	0.000	0.00	
	16	27.8	48.6	7.2	110.83	20.40	1.48	319.00	206.69	1	0.851	35.52	
	17	44.7	73.1	7.2	111.01	37.50	4.90	319.00	203.00	1	0.906	67.64	
	18	37.3	61.9	7.2	110.93	30.00	3.13	319.00	204.94	1	0.907	54.66	
	19	51.2	53.4	7.2	110.84	34.00	2.01	319.00	206.13	1	0.879	42.62	
	20	27.8	44.8	7.2	110.81	20.40	1.48	319.00	206.71	1	0.831	35.53	
	21	26.1	39.7	7.2	110.77	18.80	1.34	319.00	206.98	1	0.834	31.98	
	22	23.8	34.7	7.2	110.75	16.40	0.96	319.00	207.29	1	0.807	27.22	
	23	23.0	39.7	7.2	110.77	15.80	0.87	319.00	207.36	1	0.797	25.59	
	24	22.2	34.7	22.2	110.75	0.00	0.78	319.00	207.47	0	0.000	0.00	
	25	20.6	33.5	20.6	110.75	0.00	0.63	319.00	207.65	0	0.000	0.00	
	26	18.1	33.9	18.1	110.75	0.00	0.41	319.00	207.84	0	0.000	0.00	
	27	17.4	30.5	17.4	110.71	0.00	0.36	319.00	207.93	0	0.000	0.00	
	28	17.4	30.5	17.4	110.71	0.00	0.36	319.00	207.93	0	0.000	0.00	
	29	17.4	25.9	17.4	110.70	0.00	0.36	319.00	207.94	0	0.000	0.00	
	30	16.5	27.4	16.5	110.69	0.00	0.30	319.00	208.01	0	0.000	0.00	
													26.66
May	1	15.8	27.4	15.8	110.69	0.00	0.26	319.00	208.06	0	0.000	0.00	
	2	15.0	27.4	15.8	110.69	0.00	0.26	319.00	208.06	0	0.000	0.00	
	3	14.9	26.1	14.9	110.68	0.00	0.21	319.00	208.12	0	0.000	0.00	
	4	14.9	24.9	14.9	110.67	0.00	0.21	319.00	208.13	0	0.000	0.00	
	5	14.2	24.9	14.2	110.67	0.00	0.17	319.00	208.16	0	0.000	0.00	
	6	14.2	23.7	14.2	110.66	0.00	0.17	319.00	208.17	0	0.000	0.00	
	7	14.2	23.7	14.2	110.66	0.00	0.17	319.00	208.17	0	0.000	0.00	
	8	13.5	24.9	13.5	110.67	0.00	0.13	319.00	208.20	0	0.000	0.00	
	9	13.5	24.1	13.5	110.68	0.00	0.13	319.00	208.19	0	0.000	0.00	
	10	14.2	24.1	14.2	110.68	0.00	0.17	319.00	208.15	0	0.000	0.00	
	11	14.9	24.9	14.9	110.70	0.00	0.21	319.00	208.10	0	0.000	0.00	
	12	14.5	33.5	14.5	110.73	0.00	0.30	319.00	207.97	0	0.000	0.00	
	13	18.1	33.5	18.1	110.73	0.00	0.41	319.00	207.84	0	0.000	0.00	
	14	19.0	33.5	19.0	110.73	0.00	0.48	319.00	207.79	0	0.000	0.00	
	15	18.1	32.0	18.1	110.72	0.00	0.41	319.00	207.87	0	0.000	0.00	
	16	17.4	30.5	17.4	110.71	0.00	0.36	319.00	207.93	0	0.000	0.00	
	17	19.0	32.0	19.0	110.72	0.00	0.48	319.00	207.80	0	0.000	0.00	
	18	19.0	32.0	19.0	110.72	0.00	0.48	319.00	207.80	0	0.000	0.00	
	19	19.0	30.5	19.0	110.71	0.00	0.48	319.00	207.81	0	0.000	0.00	
	20	18.1	33.9	18.1	110.70	0.00	0.41	319.00	207.89	0	0.000	0.00	
	21	18.1	28.9	18.1	110.70	0.00	0.41	319.00	207.89	0	0.000	0.00	
	22	18.1	30.5	18.1	110.71	0.00	0.41	319.00	207.88	0	0.000	0.00	
	23	19.0	30.5	19.0	110.71	0.00	0.48	319.00	207.81	0	0.000	0.00	
	24	19.0	33.0	19.0	110.72	0.00	0.48	319.00	207.80	0	0.000	0.00	
	25	24.1	48.6	7.2	110.83	18.90	1.24	319.00	206.92	1	0.834	31.97	
	26	55.1	94.3	7.2	111.16	47.50	7.90	319.00	199.35	2	0.875	81.94	
	27	47.5	91.3	7.2	111.12	40.30	5.46	319.00	202.22	2	0.842	67.28	
	28	43.7	83.9	7.2	111.07	36.50	5.16	319.00	202.76	1	0.908	68.10	
	29	44.7	84.3	7.2	111.16	37.50	4.90	319.00	202.95	1	0.906	67.60	
	30	43.9	77.3	7.2	111.03	34.70	4.19	319.00	203.78	1	0.911	63.14	
	31	48.6	84.3	7.2	111.09	43.20	6.30	319.00	201.71	2	0.851	71.01	14.79
Jun.	1	51.3	66.8	7.2	111.11	44.10	6.77	319.00	201.12	2	0.879	74.68	
	2	41.0	77.3	7.2	111.03	33.80	3.90	319.00	203.99	1	0.912	61.40	
	3	31.2	58.1	7.2	110.90	24.00	2.01	319.00	206.09	1	0.879	42.61	
	4	27.0	48.6	7.2	110.83	19.80	1.37	319.00	206.80	1	0.843	33.05	
	5	22.2	44.8	22.2	110.81	0.00	0.78	319.00	207.41	0	0.000	0.00	
	6	21.4	39.7	21.4	110.77	0.00	0.70	319.00	207.53	0	0.000	0.00	
	7	20.6	34.2	20.6	110.76	0.00	0.63	319.00	207.61	0	0.000	0.00	
	8	19.0	33.1	19.0	110.74	0.00	0.48	319.00	207.75	0	0.000	0.00	
	9	19.0	33.1	19.0	110.74	0.00	0.48	319.00	207.78	0	0.000	0.00	
	10	19.0	33.1	19.0	110.74	0.00	0.48	319.00	207.78	0	0.000	0.00	
	11	19.0	33.2	19.0	110.76	0.00	0.48	319.00	207.75	0	0.000	0.00	
	12	18.1	34.7	18.1	110.75	0.00	0.41	319.00	207.84	0	0.000	0.00	
	13	17.4	33.1	17.4	110.74	0.00	0.36	319.00	207.80	0	0.000	0.00	
	14	15.8	33.5	15.8	110.73	0.00	0.26	319.00	208.01	0	0.000	0.00	
	15	14.2	30.5	14.2	110.71	0.00	0.17	319.00	208.12	0	0.000	0.00	
	16	14.2	28.9	14.2	110.70	0.00	0.17	319.00	208.13	0	0.000	0.00	
	17	14.2	27.4	14.2	110.69	0.00	0.17	319.00	208.14	0	0.000	0.00	
	18	13.5	27.4	13.5	110.69	0.00	0.13	319.00	208.18	0	0.000	0.00	
	19	13.5	27.4	13.5	110.69	0.00	0.13	319.00	208.18	0	0.000	0.00	
	20	13.5	26.1	13.5	110.68	0.00	0.13	319.00	208.19	0	0.000	0.00	
	21	13.5	24.9	13.5	110.67	0.00	0.13	319.00	208.20	0	0.000	0.00	
	22	13.5	24.9	13.5	110.67	0.00	0.13	319.00	208.20	0	0.000	0.00	
	23	12.6	23.7	12.6	110.66	0.00	0.10	319.00	208.24	0	0.000	0.00	
	24	12.6	23.7	12.6	110.66	0.00	0.10	319.00	208.24	0	0.000	0.00	
	25	12.6	23.7	12.6	110.66	0.00	0.10	319.00	208.24	0	0.000	0.00	
	26	12.6	23.7	12.6	110.66	0.00	0.10	319.00	208.24	0	0.000	0.00	
	27	11.9	23.7	11.9	110.66	0.00	0.08	319.00	208.26	0	0.000	0.00	
	28	11.9	23.7	11.9	110.66	0.00	0.08	319.00	208.26	0	0.000	0.00	
	29	11.9	23.7	11.9	110.66	0.00	0.08	319.00	208.26	0	0.000	0.00	
	30	11.9	22.5	11.9	110.65	0.00	0.08	319.00	208.27	0	0.000	0.00	
													7.09

POWER GENERATION SIMULATION

Year : 1953

Dam Axis :
F.S.L. : 319.00 m

Rated Head : 179.30 m
Max. Plant Discharge : 90.00 cms

Installed Capacity : 142.0 MW

Date		Discharge Dam (cms)	Discharge Fall (cms)	RMP or Spillage (cms)	T/R water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Efficiency	Output MW	Monthly Ave. MW
Jul.	1	11.0	22.5	11.0	110.65	0.0	0.05	319.00	208.30	0	0.000	0.00	
	2	10.2	22.5	10.2	110.65	0.0	0.05	319.00	208.30	0	0.000	0.00	
	3	11.0	22.5	11.0	110.65	0.0	0.05	319.00	208.30	0	0.000	0.00	
	4	13.8	24.1	13.8	110.68	0.0	0.26	319.00	208.07	0	0.000	0.00	
	5	22.2	33.5	22.2	110.73	0.0	0.78	319.00	207.49	0	0.000	0.00	
	6	19.9	33.5	19.9	110.73	0.0	0.59	319.00	207.72	0	0.000	0.00	
	7	13.8	30.5	13.8	110.71	0.0	0.26	319.00	208.03	0	0.000	0.00	
	8	14.2	24.9	14.2	110.67	0.0	0.17	319.00	208.16	0	0.000	0.00	
	9	14.2	23.7	14.2	110.66	0.0	0.17	319.00	208.17	0	0.000	0.00	
	10	17.4	24.9	17.4	110.70	0.0	0.36	319.00	207.84	0	0.000	0.00	
	11	13.8	27.4	13.8	110.69	0.0	0.26	319.00	208.04	0	0.000	0.00	
	12	14.9	24.9	14.9	110.67	0.0	0.31	319.00	208.13	0	0.000	0.00	
	13	14.9	24.9	14.9	110.67	0.0	0.31	319.00	208.13	0	0.000	0.00	
	14	13.5	23.7	13.5	110.66	0.0	0.13	319.00	208.21	0	0.000	0.00	
	15	11.0	23.7	11.0	110.66	0.0	0.05	319.00	208.29	0	0.000	0.00	
	16	10.2	22.5	10.2	110.65	0.0	0.03	319.00	208.32	0	0.000	0.00	
	17	10.2	21.3	10.2	110.64	0.0	0.03	319.00	208.33	0	0.000	0.00	
	18	10.2	21.3	10.2	110.64	0.0	0.03	319.00	208.33	0	0.000	0.00	
	19	11.9	22.5	11.9	110.65	0.0	0.08	319.00	208.27	0	0.000	0.00	
	20	30.3	30.5	7.2	110.71	23.1	1.86	319.00	206.45	1	0.873	49.79	
	21	23.0	42.9	7.2	110.79	15.8	0.87	319.00	207.54	1	0.797	35.59	
	22	27.0	35.1	7.2	110.74	19.8	1.37	319.00	206.89	1	0.844	37.87	
	23	64.4	66.9	7.2	110.96	99.2	13.31	319.00	199.84	2	0.862	102.45	
	24	104.3	153.4	14.3	111.52	90.0	28.21	319.04	179.31	2	0.998	142.00	
	25	58.8	105.7	7.2	111.21	51.6	9.27	319.00	198.52	2	0.985	68.93	
	26	58.1	68.5	7.2	110.97	50.9	5.23	319.00	204.70	1	0.909	54.36	
	27	30.3	32.4	7.2	110.86	23.1	1.86	319.00	206.28	1	0.873	40.75	
	28	26.1	42.9	7.2	110.79	18.9	1.54	319.00	206.96	1	0.834	31.97	
	29	22.2	30.7	22.2	110.77	0.0	0.78	319.00	207.44	0	0.000	0.00	
	30	21.4	34.7	21.4	110.75	0.0	0.70	319.00	207.55	0	0.000	0.00	
	31	20.6	32.5	20.6	110.72	0.0	0.63	319.00	207.65	0	0.000	0.00	16.15
Aug.	1	18.1	32.0	18.1	110.72	0.0	0.41	319.00	207.87	0	0.000	0.00	
	2	16.5	30.5	16.5	110.71	0.0	0.30	319.00	207.99	0	0.000	0.00	
	3	14.9	28.9	14.9	110.70	0.0	0.21	319.00	208.10	0	0.000	0.00	
	4	14.2	27.4	14.2	110.69	0.0	0.17	319.00	208.14	0	0.000	0.00	
	5	13.5	27.4	13.5	110.68	0.0	0.13	319.00	208.18	0	0.000	0.00	
	6	13.5	26.1	13.5	110.68	0.0	0.13	319.00	208.19	0	0.000	0.00	
	7	13.5	24.9	13.5	110.67	0.0	0.13	319.00	208.20	0	0.000	0.00	
	8	12.6	24.9	12.6	110.67	0.0	0.10	319.00	208.23	0	0.000	0.00	
	9	11.9	24.9	11.9	110.67	0.0	0.08	319.00	208.25	0	0.000	0.00	
	10	11.9	24.9	11.9	110.67	0.0	0.08	319.00	208.25	0	0.000	0.00	
	11	11.0	23.7	11.0	110.66	0.0	0.05	319.00	208.28	0	0.000	0.00	
	12	10.2	23.7	10.2	110.66	0.0	0.05	319.00	208.31	0	0.000	0.00	
	13	10.2	23.7	10.2	110.66	0.0	0.05	319.00	208.31	0	0.000	0.00	
	14	10.2	22.5	10.2	110.65	0.0	0.05	319.00	208.32	0	0.000	0.00	
	15	10.2	21.3	10.2	110.64	0.0	0.05	319.00	208.33	0	0.000	0.00	
	16	8.8	21.3	8.8	110.64	0.0	0.01	319.00	208.33	0	0.000	0.00	
	17	8.8	20.0	8.8	110.63	0.0	0.01	319.00	208.34	0	0.000	0.00	
	18	8.8	20.0	8.8	110.63	0.0	0.01	319.00	208.34	0	0.000	0.00	
	19	8.8	18.8	8.8	110.63	0.0	0.01	319.00	208.37	0	0.000	0.00	
	20	11.9	22.5	11.9	110.65	0.0	0.08	319.00	208.27	0	0.000	0.00	
	21	18.1	28.9	18.1	110.70	0.0	0.41	319.00	207.89	0	0.000	0.00	
	22	26.1	41.4	7.2	110.78	18.9	1.54	319.00	206.97	1	0.834	31.38	
	23	22.2	42.9	22.2	110.79	0.0	0.78	319.00	207.43	0	0.000	0.00	
	24	19.0	34.7	19.0	110.75	0.0	0.48	319.00	207.76	0	0.000	0.00	
	25	21.4	34.7	21.4	110.75	0.0	0.70	319.00	207.55	0	0.000	0.00	
	26	18.8	33.1	18.8	110.74	0.0	0.55	319.00	207.71	0	0.000	0.00	
	27	22.2	34.3	22.2	110.76	0.0	0.78	319.00	207.46	0	0.000	0.00	
	28	23.9	34.3	7.2	110.87	23.7	2.30	319.00	205.80	1	0.890	44.13	
	29	46.5	66.9	7.2	110.96	41.3	3.84	319.00	202.10	2	0.847	69.31	
	30	138.0	164.8	36.0	111.47	90.0	28.21	319.13	179.47	2	0.998	142.00	
	31	113.8	179.6	23.8	111.47	90.0	28.21	319.09	179.20	2	0.998	141.94	13.92
Sep.	1	71.1	128.0	7.2	111.36	63.9	14.22	319.00	193.42	2	0.968	109.53	
	2	54.1	84.8	7.2	111.11	44.9	7.66	319.00	202.23	2	0.970	80.06	
	3	40.0	64.1	7.2	110.94	32.8	3.75	319.00	204.31	1	0.911	59.86	
	4	33.7	54.3	7.2	110.87	26.5	2.45	319.00	205.66	1	0.894	47.76	
	5	28.6	44.6	7.2	110.83	21.4	1.59	319.00	206.57	1	0.859	37.20	
	6	24.5	44.0	7.2	110.81	17.3	1.04	319.00	207.15	1	0.816	28.61	
	7	24.5	42.9	7.2	110.79	17.3	1.04	319.00	207.16	1	0.816	28.66	
	8	23.0	42.9	7.2	110.79	15.8	0.94	319.00	207.21	1	0.807	27.22	
	9	26.1	41.4	7.2	110.78	18.9	1.24	319.00	206.97	1	0.834	31.98	
	10	37.2	44.8	7.2	110.81	30.0	3.13	319.00	205.04	1	0.907	54.70	
	11	36.4	54.3	7.2	110.87	29.2	2.97	319.00	205.16	1	0.905	53.13	
	12	30.3	50.3	7.2	110.85	23.1	1.86	319.00	206.28	1	0.873	40.79	
	13	25.4	44.8	7.2	110.81	18.2	1.15	319.00	207.04	1	0.826	30.52	
	14	24.5	42.9	7.2	110.79	17.3	1.04	319.00	207.16	1	0.816	28.66	
	15	97.7	64.9	7.7	110.96	90.0	28.21	319.00	179.84	2	0.998	142.00	
	16	236.5	449.8	166.5	113.80	90.0	28.21	319.52	179.30	2	0.999	141.92	
	17	199.7	313.7	69.7	112.34	90.0	28.21	319.24	178.71	2	0.999	141.65	
	18	121.3	194.6	31.3	111.76	90.0	28.21	319.12	179.15	2	0.998	141.95	
	19	81.5	128.0	7.2	111.36	74.3	19.23	319.00	188.41	2	0.991	125.04	
	20	70.1	101.2	7.2	111.19	62.9	13.78	319.00	194.03	2	0.997	108.64	
	21	63.5	91.3	7.2	111.12	56.3	11.04	319.00	196.84	2	0.996	97.34	
	22	54.1	78.5	7.2	111.04	46.9	7.66	319.00	200.29	2	0.970	80.02	
	23	46.8	66.5	7.2	110.97	39.4	5.41	319.00	202.62	1	0.900	70.41	
	24	83.4	98.7	7.2	111.17	76.2	20.32	319.00	197.61	2	0.911	127.60	
	25	113.8	167.8	23.8	111.61	90.0	28.21	319.08	179.27	2	0.998	142.00	
	26	102.3	144.9	12.3	111.47	90.0	28.21	319.03	179.31	2	0.998	142.00	
	27	97.7	142.0	7.7	111.45	90.0	28.21	319.00	179.34	2	0.998	142.00	
	28	84.2	132.5	7.2	111.33	78.0	21.74	319.00	185.94	2	0.998	130.91	
	29	63.5	98.3	7.2	111.16	56.3	11.04	319.00	196.80	2	0.994	97.32	
	30	53.2	84.3	7.2	111.09	46.0	7.37	319.00	200.54	2	0.967	78.35	
													15.99

Date		Discharge Dam (cms)	Discharge Fall (cms)	RMP or Spillage (cms)	T/R water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Efficiency	Output MW	Monthly Ave. MW
Oct.	1	47.5	77.3	7.2	111.03	40.30	5.66	319.00	202.31	2	0.843	67.32	
	2	45.7	64.9	7.2	110.96	38.50	5.18	319.00	202.89	1	0.900	68.14	
	3	53.2	72.9	7.2	111.00	45.80	7.05	319.00	200.95	2	0.963	76.47	
	4	52.4	70.7	7.2	110.99	45.20	6.50	319.00	201.52	2	0.956	73.00	
	5	64.4	84.9	7.2	111.09	58.20	12.31	319.00	195.79	2	0.903	102.57	
	6	55.1	103.7	7.2	111.31	47.90	7.89	319.00	199.80	2	0.873	81.92	
	7	51.3	91.9	7.2	111.12	44.10	6.77	319.00	201.10	2	0.839	74.08	
	8	42.8	77.3	7.2	111.03	35.60	4.41	319.00	203.36	1	0.910	64.64	
	9	34.4	66.3	7.2	110.96	26.30	2.97	319.00	203.98	1	0.905	53.11	
	10	37.2	58.1	7.2	110.90	30.00	3.13	319.00	204.87	1	0.907	54.67	
	11	51.3	54.3	7.2	110.87	34.00	3.01	319.00	206.12	1	0.879	62.62	
	12	29.4	32.4	7.2	110.86	22.20	1.72	319.00	206.43	1	0.868	38.67	
	13	58.1	58.1	7.2	110.90	50.90	5.53	319.00	204.78	1	0.928	96.38	
	14	73.8	83.9	7.2	111.07	66.60	14.39	319.00	197.54	2	0.911	117.90	
	15	61.7	84.3	7.2	111.16	54.50	10.34	319.00	197.50	2	0.882	94.13	
	16	64.5	98.7	7.2	111.17	57.30	11.43	319.00	196.39	2	0.898	99.06	
	17	143.0	197.5	86.0	111.70	90.00	28.21	319.22	179.23	2	0.998	141.96	
	18	182.8	257.3	92.8	112.09	90.00	28.21	319.35	179.03	2	0.998	141.83	
	19	151.5	243.8	61.5	112.13	90.00	28.21	319.25	178.90	2	0.998	141.77	
	20	139.5	254.1	99.9	112.07	90.00	28.21	319.15	178.87	2	0.998	141.75	
	21	104.3	205.6	14.3	111.81	90.00	28.21	319.04	179.02	2	0.998	141.85	
	22	80.2	170.8	7.2	111.62	81.00	22.85	319.00	184.53	2	0.998	139.01	
	23	348.5	705.7	210.5	113.32	90.00	28.21	319.70	178.17	2	0.998	141.30	
	24	285.6	536.6	175.9	113.05	90.00	28.21	319.54	178.28	2	0.998	141.37	
	25	174.6	377.7	84.6	112.44	90.00	28.21	319.30	178.64	2	0.998	141.61	
	26	147.1	247.6	57.1	112.04	90.00	28.21	319.12	178.97	2	0.998	141.81	
	27	133.3	197.5	31.3	111.78	90.00	28.21	319.12	179.13	2	0.998	141.92	
	28	141.3	237.9	51.3	111.99	90.00	28.21	319.30	179.00	2	0.998	141.83	
	29	321.0	523.6	231.0	113.06	90.00	28.21	319.66	178.47	2	0.998	141.49	
	30	399.6	552.4	309.6	113.04	90.00	28.21	319.82	178.56	2	0.998	141.56	
	31	734.2	1196.2	674.2	114.61	90.00	28.21	320.56	179.14	2	0.998	141.28	105.87
Nov.	1	822.8	1464.3	771.8	114.57	90.00	28.21	320.50	177.89	2	0.998	141.35	
	2	668.8	946.7	598.8	113.80	90.00	28.21	320.31	178.41	2	0.998	141.66	
	3	487.8	708.5	397.8	113.32	90.00	28.21	319.98	178.45	2	0.998	141.68	
	4	314.1	438.4	224.1	112.77	90.00	28.21	319.64	178.66	2	0.998	141.82	
	5	194.7	296.6	104.7	112.27	90.00	28.21	319.34	178.88	2	0.998	141.76	
	6	151.9	221.9	61.9	111.91	90.00	28.21	319.23	179.11	2	0.998	141.91	
	7	118.5	185.5	28.5	111.71	90.00	28.21	319.11	179.19	2	0.998	141.96	
	8	102.3	144.9	12.3	111.59	90.00	28.21	319.05	179.23	2	0.998	141.99	
	9	84.2	147.7	7.2	111.48	81.00	22.85	319.00	184.67	2	0.998	139.10	
	10	81.5	136.3	7.2	111.41	74.30	19.29	319.00	188.36	2	0.911	127.00	
	11	72.0	128.0	7.2	111.36	64.80	14.62	319.00	193.01	2	0.968	131.33	
	12	108.3	152.4	12.3	111.52	90.00	28.21	319.09	179.30	2	0.998	142.00	
	13	230.6	334.3	140.6	112.43	90.00	28.21	319.46	178.83	2	0.998	141.73	
	14	295.7	457.6	205.7	112.92	90.00	28.21	319.62	178.57	2	0.998	141.56	
	15	272.9	416.3	182.9	112.70	90.00	28.21	319.55	178.64	2	0.998	141.60	
	16	227.1	313.7	137.1	112.34	90.00	28.21	319.44	178.88	2	0.998	141.77	
	17	168.5	231.4	78.5	111.94	90.00	28.21	319.28	179.12	2	0.998	141.91	
	18	123.2	185.5	33.2	111.71	90.00	28.21	319.14	179.22	2	0.998	141.97	
	19	165.2	138.1	15.2	111.55	90.00	28.21	319.05	179.26	2	0.998	142.00	
	20	93.8	144.9	7.2	111.47	86.60	24.12	319.00	181.41	2	0.993	138.93	
	21	83.4	128.0	7.2	111.36	76.20	20.32	319.00	187.42	2	0.911	127.60	
	22	74.0	134.2	7.2	111.37	66.80	15.56	319.00	192.19	2	0.910	114.40	
	23	66.3	103.7	7.2	111.21	61.10	13.03	319.00	194.75	2	0.904	105.49	
	24	60.7	93.3	7.2	111.14	53.50	9.97	319.00	197.00	2	0.950	92.33	
	25	53.2	83.9	7.2	111.07	46.00	7.37	319.00	200.56	2	0.867	78.36	
	26	49.4	79.5	7.2	111.04	42.20	6.20	319.00	201.75	2	0.851	71.98	
	27	46.6	75.1	7.2	111.01	39.40	5.41	319.00	202.58	1	0.900	70.38	
	28	42.8	70.7	7.2	110.99	35.60	4.41	319.00	203.60	1	0.910	64.66	
	29	41.0	70.7	7.2	110.99	33.80	3.98	319.00	204.04	1	0.912	61.61	
	30	60.7	70.7	7.2	110.99	53.50	9.97	319.00	193.05	2	0.950	90.43	
													121.82
Dec.	1	61.7	93.8	7.2	111.14	54.50	10.34	319.00	197.52	2	0.952	94.13	
	2	56.9	84.3	7.2	111.09	48.80	8.29	319.00	199.62	2	0.876	83.67	
	3	50.4	83.9	7.2	111.07	43.20	6.50	319.00	201.43	2	0.836	72.06	
	4	61.7	84.3	7.2	111.09	54.50	10.34	319.00	197.57	2	0.952	94.16	
	5	104.6	164.9	74.6	111.59	90.00	28.21	319.27	178.47	2	0.998	141.60	
	6	176.6	260.0	86.6	112.19	90.00	28.21	319.51	178.80	2	0.998	141.77	
	7	159.7	234.6	69.7	111.97	90.00	28.21	319.26	178.07	2	0.998	141.80	
	8	181.8	218.6	91.8	111.88	90.00	28.21	319.32	179.22	2	0.998	141.97	
	9	141.3	191.5	51.3	111.74	90.00	28.21	319.20	178.24	2	0.998	141.89	
	10	86.2	144.9	7.2	111.47	81.00	22.85	319.00	184.68	2	0.998	139.11	
	11	66.4	108.6	7.2	111.24	59.20	12.33	319.00	195.56	2	0.962	102.29	
	12	77.7	98.7	7.2	111.17	70.90	17.91	319.00	190.31	2	0.911	119.94	
	13	62.4	108.6	7.2	111.24	55.20	10.48	319.00	198.07	2	0.911	126.29	
	14	84.3	138.7	7.2	111.51	77.10	20.70	319.60	186.99	2	0.910	128.63	
	15	83.3	134.2	7.2	111.27	76.10	21.54	319.00	186.48	2	0.910	128.07	
	16	86.2	134.2	7.2	111.27	79.00	21.76	319.00	185.98	2	0.910	130.94	
	17	85.3	139.7	7.2	111.31	78.10	21.24	319.00	186.45	2	0.910	129.65	
	18	95.7	116.9	7.2	111.28	88.50	27.26	319.00	180.43	2	0.902	140.82	
	19	82.4	106.2	7.2	111.22	75.20	19.48	319.00	189.08	2	0.911	126.30	
	20	64.4	84.3	7.2	111.09	59.20	12.21	319.00	195.70	2	0.902	108.37	
	21	60.7	77.3	7.2	111.03	53.50	9.97	319.00	198.00	2	0.950	92.39	
	22	50.4	64.3	7.2	110.96	43.20	6.50	319.00	201.55	2	0.836	73.01	
	23	44.7	58.1	7.2	110.90	37.50	4.90	319.00	203.20	1	0.905	67.47	
	24	58.1	54.3	7.2	110.87	50.90	9.33	319.00	204.80	1	0.928	94.39	
	25	54.4	50.5	7.2	110.85	29.20	2.97	319.00	205.18	1	0.905	53.14	
	26	54.7	48.6	7.2	110.83	27.50	2.63	319.00	205.53	1	0.899	49.78	
	27	51.5	48.6	7.2	110.83	28.50	2.79	319.00	205.34	1	0.902	51.38	
	28	53.5	44.7	7.2	110.80	28.50	2.79	319.00	205.39	1	0.902	51.38	
	29	52.0	44.7	7.2	110.80	26.80	2.14	319.00	206.04	1	0.884	44.20	
	30	29.4	44.8	7.2	110.81	22.20	1.72	319.00	206.48	1	0.866	36.88	
	31	24.6	41.4	7.2	110.78	31.40	1.79	319.00	206.92	1	0.939	37.21	96.08

POWER GENERATION SIMULATION

Dam Axis B — Rated Head : 179.50 m — Installed Capacity : 142.0 MW

Year : 1954 — F.R.L. = 319.50 m — Max. Plant Discharge : 90.00 cms

Date		Discharge Dam (cms)	Discharge P&I (cms)	RAF or Tail Spillage water (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Efficie ncy	Output MW	Monthl y Ave. MW
Jan.	1	27.0	39.7	7.2	110.77	19.8	1.37	319.00	205.86	1	0.844	33.06	
	2	34.5	54.7	7.2	110.79	17.3	1.04	319.00	207.21	1	0.816	28.66	
	3	37.8	55.1	7.2	110.74	20.6	1.48	319.00	206.78	1	0.851	33.54	
	4	34.7	52.4	7.2	110.66	27.5	2.63	319.00	205.51	1	0.899	48.78	
	5	30.3	54.2	7.2	110.89	23.1	1.86	319.00	206.15	1	0.873	40.74	
	6	26.1	44.6	7.2	110.83	18.9	1.24	319.00	206.82	1	0.834	31.97	
	7	27.0	44.8	7.2	110.81	19.8	1.37	319.00	206.83	1	0.844	33.03	
	8	26.1	42.9	7.2	110.79	18.9	1.24	319.00	206.96	1	0.834	31.97	
	9	23.6	38.7	7.2	110.77	16.6	0.94	319.00	207.27	1	0.807	27.22	
	10	23.2	35.1	23.2	110.74	0.0	0.70	319.00	207.48	0	0.000	0.00	
	11	48.1	84.9	7.2	111.69	41.3	5.94	319.00	203.97	2	0.947	69.25	
	12	88.2	108.6	7.2	111.24	81.0	22.85	319.00	184.91	2	0.908	133.26	
	13	93.7	118.7	7.2	111.31	86.5	27.28	319.00	180.41	2	0.900	140.81	
	14	88.2	103.0	7.2	111.57	81.0	22.85	319.00	184.58	2	0.908	133.04	
	15	100.9	164.9	20.9	111.59	90.0	28.21	319.00	179.38	2	0.898	142.00	
	16	175.8	215.8	64.6	111.89	90.0	28.21	319.51	179.21	2	0.898	141.97	
	17	189.5	296.6	103.5	112.27	90.0	28.21	319.36	178.88	2	0.898	141.74	
	18	171.5	247.6	81.5	112.04	90.0	28.21	319.29	179.04	2	0.898	141.86	
	19	135.7	231.4	41.7	111.86	90.0	28.21	319.24	179.08	2	0.898	141.88	
	20	127.1	215.8	33.1	111.81	90.0	28.21	319.14	179.06	2	0.898	141.87	
	21	102.3	179.6	12.3	111.67	90.0	28.21	319.03	178.15	2	0.898	141.93	
	22	80.6	150.4	7.2	111.52	73.4	18.78	319.00	188.72	2	0.912	123.74	
	23	68.3	134.3	7.2	111.37	61.1	13.00	319.00	194.72	2	0.904	105.45	
	24	54.1	98.3	7.2	111.16	44.9	7.66	319.00	200.18	2	0.870	80.04	
	25	45.7	81.7	7.2	111.06	36.5	5.16	319.00	202.78	1	0.905	49.11	
	26	41.8	72.9	7.2	111.00	34.7	4.13	319.00	203.81	1	0.911	43.15	
	27	48.5	130.7	7.2	111.38	41.3	5.94	319.00	201.68	1	0.847	69.15	
	28	55.1	108.6	7.2	111.34	47.8	7.98	319.00	199.77	2	0.873	81.50	
	29	44.6	84.3	7.2	111.09	39.4	5.41	319.00	202.50	1	0.900	70.37	
	30	44.7	75.1	7.2	111.01	37.5	4.90	319.00	203.09	1	0.906	67.44	
	31	30.4	70.7	7.2	110.99	43.2	6.30	319.00	201.52	2	0.956	73.00	83.44
Feb.	1	54.1	179.6	7.2	111.47	46.9	7.66	319.00	199.66	2	0.948	78.79	
	2	39.4	137.3	7.2	111.40	43.2	6.30	319.00	201.10	2	0.935	72.82	
	3	44.6	88.8	7.2	111.11	39.4	5.41	319.00	202.49	1	0.900	70.37	
	4	44.7	75.1	7.2	111.01	37.5	4.90	319.00	203.09	1	0.906	67.44	
	5	54.7	84.1	7.3	110.94	37.5	2.63	319.00	205.43	1	0.899	49.76	
	6	31.2	58.1	7.2	110.90	34.0	2.01	319.00	206.09	1	0.879	42.61	
	7	32.9	61.9	7.2	110.93	25.7	2.30	319.00	205.77	1	0.900	44.11	
	8	34.7	54.1	7.2	110.90	27.5	2.63	319.00	205.47	1	0.899	49.77	
	9	32.9	60.3	7.2	110.91	25.7	2.30	319.00	205.79	1	0.900	44.12	
	10	30.3	52.4	7.2	110.86	23.1	1.86	319.00	206.26	1	0.873	40.75	
	11	29.4	44.6	7.2	110.83	22.2	1.72	319.00	206.45	1	0.866	38.87	
	12	28.6	43.6	7.2	110.83	21.4	1.59	319.00	206.57	1	0.859	37.20	
	13	28.6	44.7	7.2	110.82	21.4	1.59	319.00	206.58	1	0.859	37.20	
	14	26.1	44.9	7.2	110.81	18.9	1.24	319.00	206.95	1	0.834	31.97	
	15	34.5	42.9	7.2	110.79	17.3	1.04	319.00	207.16	1	0.816	28.66	
	16	31.2	52.4	7.2	110.84	24.0	2.01	319.00	206.13	1	0.879	42.62	
	17	42.8	70.7	7.2	110.99	35.6	4.41	319.00	203.60	1	0.910	64.65	
	18	54.1	84.5	7.2	111.09	44.9	7.66	319.00	200.25	2	0.870	80.07	
	19	45.7	61.9	7.2	110.93	36.5	5.16	319.00	202.91	1	0.905	49.15	
	20	35.5	54.3	7.2	110.87	28.3	2.79	319.00	205.34	1	0.902	51.37	
	21	28.6	50.5	7.2	110.85	21.4	1.59	319.00	206.56	1	0.859	37.20	
	22	27.0	50.5	7.2	110.85	19.8	1.37	319.00	206.79	1	0.843	33.34	
	23	40.0	61.7	7.2	111.06	32.8	3.75	319.00	204.19	1	0.911	59.03	
	24	81.5	101.2	7.2	111.19	74.3	19.23	319.00	188.58	2	0.911	125.15	
	25	99.5	142.0	9.5	111.45	80.0	28.21	319.02	179.36	2	0.898	142.00	
	26	187.1	257.3	97.1	112.09	90.0	28.21	319.34	179.04	2	0.898	141.86	
	27	206.0	327.7	106.0	112.99	90.0	28.21	319.58	178.38	2	0.895	141.44	
	28	271.7	340.1	181.7	113.02	90.0	28.21	319.55	178.32	2	0.899	141.40	
													64.79
Mar.	1	192.4	427.1	102.4	112.74	90.0	28.21	319.35	178.41	2	0.899	141.45	
	2	171.5	260.0	81.5	112.19	90.0	28.21	319.29	178.99	2	0.898	141.76	
	3	128.0	234.9	38.0	111.92	90.0	28.21	319.13	179.01	2	0.898	141.84	
	4	115.7	202.5	25.7	111.78	90.0	28.21	319.10	179.09	2	0.898	141.89	
	5	153.6	212.7	63.8	111.86	90.0	28.21	319.24	178.17	2	0.898	141.94	
	6	130.0	228.1	40.0	111.94	90.0	28.21	319.23	179.07	2	0.898	141.88	
	7	197.5	218.8	47.5	111.89	90.0	28.21	319.18	179.08	2	0.898	141.89	
	8	171.5	664.8	61.5	113.28	90.0	28.21	319.29	177.80	2	0.900	141.07	
	9	503.2	816.7	283.2	113.50	90.0	28.21	319.78	178.08	2	0.899	141.24	
	10	288.6	480.3	198.6	112.84	90.0	28.21	319.39	178.39	2	0.895	141.51	
	11	227.1	330.9	137.1	112.41	90.0	28.21	319.44	178.82	2	0.899	141.72	
	12	166.5	247.6	76.5	112.04	90.0	28.21	319.28	179.03	2	0.898	141.85	
	13	128.0	280.5	38.0	111.79	90.0	28.21	319.15	179.14	2	0.898	141.93	
	14	115.7	178.6	25.7	111.67	90.0	28.21	319.10	179.21	2	0.898	141.97	
	15	130.4	176.7	30.4	111.66	90.0	28.21	319.12	179.25	2	0.898	141.99	
	16	109.0	156.3	19.0	111.54	90.0	28.21	319.07	179.32	2	0.898	142.00	
	17	87.2	139.1	7.2	111.43	80.0	22.20	319.00	185.28	2	0.909	132.00	
	18	66.3	119.7	7.2	111.31	61.1	13.00	319.00	194.69	2	0.904	105.43	
	19	37.8	104.2	7.2	111.22	30.6	0.92	319.00	198.86	2	0.842	84.97	
	20	51.2	96.3	7.2	111.16	44.0	7.37	319.00	200.47	2	0.867	78.32	
	21	44.9	83.8	7.2	111.14	41.3	5.94	319.00	201.92	2	0.847	69.25	
	22	45.7	83.9	7.2	111.07	36.5	5.16	319.00	202.76	1	0.905	49.10	
	23	44.7	81.7	7.2	111.06	37.5	4.90	319.00	203.04	1	0.906	67.43	
	24	42.8	72.9	7.2	111.00	33.6	4.41	319.00	203.59	1	0.910	64.65	
	25	40.0	68.5	7.2	110.97	32.8	3.75	319.00	204.28	1	0.911	59.05	
	26	37.2	64.1	7.2	110.94	30.0	3.13	319.00	204.93	1	0.907	54.66	
	27	33.7	58.1	7.2	110.90	26.5	2.45	319.00	205.66	1	0.899	47.75	
	28	47.5	56.2	7.2	110.89	40.3	5.66	319.00	202.46	2	0.843	67.38	
	29	44.5	70.7	7.2	110.99	41.3	5.94	319.00	202.07	2	0.847	69.30	
	30	37.2	64.5	7.2	110.96	30.0	3.13	319.00	204.91	1	0.907	54.66	
	31	33.7	61.8	7.2	110.97	26.5	2.45	319.00	205.63	1	0.899	47.74	107.83

Date		Discharge Dam (cms)	Discharge P&I (cms)	RAF or Tail Spillage water (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Efficie ncy	Output MW	Monthl y Ave. MW
Apr.	1	97.2	122.5	7.2	111.33	80.00	22.20	319.00	185.36	2	0.909	132.07	
	2	213.4	296.6	125.4	112.27	90.00	28.21	319.41	178.94	2	0.898	141.79	
	3	266.7	334.3	176.7	112.43	90.00	28.21	319.53	178.80	2	0.898	141.77	
	4	211.9	270.3	121.9	112.15	90.00	28.21	319.41	179.05	2	0.898	141.84	
	5	127.1	180.6	37.1	111.69	90.00	28.21	319.14	179.24	2	0.898	141.89	
	6	90.0	150.7	7.2	111.38	82.80	23.98	319.00	183.74	2	0.906	135.14	
	7	61.7	104.2	7.2	111.22	54.50	10.34	319.00	197.43	2	0.892	94.09	
	8	58.9	94.5	7.2	111.16	51.40	9.37	319.00	194.57	2	0.885	84.85	
	9	54.0	84.5	7.2	111.09	46.70	8.00	319.00	199.31	2	0.879	83.56	
	10	54.1	79.5	7.2	111.04	44.90	7.66	319.00	200.39	2	0.870	80.09	
	11	50.4	75.1	7.2	111.01	43.20	6.95	319.00	201.49	2	0.856	72.89	
	12	47.9	70.7	7.2	110.99	40.50	5.66	319.00	202.36	2	0.843	67.34	
	13	56.9	79.5	7.2	111.04	49.70	8.60	319.00	199.35	2	0.879	83.39	
	14	59.8	81.7	7.2	111.06	52.40	9.64	319.00	198.30	2	0.885	90.74	
	15	54.1	77.3	7.2	111.03	46.90	7.66	319.00	200.31	2	0.870	80.10	
	16	48.5	75.1	7.2	111.01	41.30	5.94	319.00	202.04	2	0.847	69.20	
	17	46.6	64.3	7.2	110.96	39.40	5.41	319.00	202.64	1	0.900	70.41	
	18	42.8	61.9	7.2	110.93	51.40	4.41	319.00	202.66	1	0.910	64.67	
	19	59.1	60.0	7.2	110.91	51.90	3.54	319.00	204.54	1	0.911	58.33	
	20	36.4	52.4	7.2	110.86	28.20	2.97	319.00	205.17	1	0.905	53.14	
	21	34.7	48.6	7.2	110.83	27.50	2.63	319.00	205.53	1	0.899	49.78	
	22	32.0	44.7	7.2	110.82	24.80	2.14	319.00	206.04	1	0.884	44.29	
	23	28.6	44.8	7.2	110.81	21.40	1.59	319.00	206.60	1	0.859	37.20	
	24	27.0	41.4	7.2	110.78	19.80	1.37	319.00	206.85	1	0.844	33.06	
	25	26.1	41.4	7.2	110.78	18.90	1.24	319.00	206.97	1	0.834	31.99	
	26	27.0	44.8	7.2	110.81	19.80	1.37	319.00	206.83	1	0.844	33.05	
	27	34.7	54.1	7.2	110.90	27.50	2.63	319.00	205.47	1	0.899	49.77	
	28	86.6	108.6	7.2	111.24	73.40	18.78	319.00	188.90	2	0.912	133.93	
	29	109.0	142.0	10.0	111.43	90.00	28.21	319.07	179.41	2	0.898	142.00	
	30	80.6	103.7	7.2	111.21	73.40	18.78	319.00	188.05	2	0.912	133.95	
													83.53
May	1	54.1	93.9	7.2	111.07	44.90	7.66	319.00	200.37	2	0.870	80.08	
	2	45.7	66.3	7.2	110.96	36.50	5.16	319.00	202.86	1	0.905	49.14	
	3	47.5	58.1	7.2	110.90	40.30	5.66	319.00	202.44	2	0.843	67.38	
	4	45.7	60.0	7.2	110.91	36.50	5.16	319.00	202.93	1	0.905	49.15	
	5	46.6	61.9	7.2	110.93	38.40	5.41	319.00	202.67	1	0.900	70.42	
	6	44.7	58.1	7.2	110.90	37.50	4.90	319.00	203.20	1	0.906	67.67	
	7	40.0	54.3	7.2	110.87	32.80	3.75	319.00	204.38	1	0.911	59.08	
	8	32.9	50.5	7.2	110.85	23.70	2.30	319.00	205.85	1	0.880	46.13	
	9	28.6	46.7	7.2	110.82	22.20	1.72	319.00	206.66	1	0.866	38.98	
	10	87.2	93.8	7.2	111.14	80.00	22.20	319.00	185.57	2	0.908	132.19	
	11	347.6	462.2	257.6	112.78	90.00	28.21	319.71	178.72	2	0.898	141.66	
	12	330.6	398.5	160.6	112.51	90.00	28.21	319.50	178.78	2	0.898	141.69	
	13	344.7	454.6	154.7	112.76	90.00	28.21	319.69	178.52	2	0.898	141.53	
	14	229.5	449.8	139.5	112.80	90.00	28.21	319.43	178.44	2	0.898	141.48	
	15	191.4	337.7	101.4	112.44	90.00	28.21	319.55	178.70	2	0.899	141.63	
	16	147.1	230.8	57.1	112.06	90.00	28.21	319.22	178.95	2	0.898	141.80	
	17	346.1	709.7	296.1	113.32	90.00	28.21	319.79	178.24	2	0.899	141.56	
	18	655.3	1254.6	565.3	114.09	90.00	28.21	320.25	177.94	2	0.898	141.17	
	19	564.7	1164.6	476.7	113.96	90.00	28.21	320.11	177.94	2	0.899	141.15	
	20	448.8	705.5	378.8	113.32	90.00	28.21	319.85	178.42	2	0.899	141.46	
	21	277.7	448.8	187.7	112.80	90.00	28.21	319.56	178.55	2	0.898	141.53	
	22	198.1	317.2	108.1	112.35	90.00	28.21	319.37	178.80	2	0.899	141.71	
	23	154.8	263.8	64.8	112.12	90.00	28.21	319.24	178.91	2	0.898	141.78	
	24	147.1	221.9	57.1	111.91	90.00	28.21	319.22	179.10	2	0.898	141.90	
	25	125.3	206.6	33.3	111.83	90.00	28.21	319.13	179.09	2	0.898	141.89	
	26	104.3	188.5	14.3	111.73	90.00	28.21	319.04	179.11	2	0.898	141.90	
	27	98.6	164.9	8.6	111.96	90.00	28.21	319.01	179.21	2	0.898	141.97	
	28	81.5	133.4	7.2	111.52	74.30	19.25	319.00	188.25	2	0.911	134.94	
	29	88.3	139.1	7.2	111.43	63.00	13.39	319.00	194.18	2	0.905	106.93	
	30	59.8	130.7	7.2	111.38	52.40	9.64	319.00	197.99	2	0.887	90.57	
	31	53.2	122.5	7.2	111.33	46.00	7.37	319.00	200.30	2	0.866	78.24	113.20
Jun.	1	49.4	114.2	7.2	111.27	42.30	6.39	319.00	201.52	2	0.851	70.95	
	2	47.5	108.2	7.2	111.23	40.30	5.66	319.00	202.13	2	0.843	67.25	
	3	46.6	101.2	7.2	111.19	39.40	5.41	319.00	202.40	1	0.900	70.34	
	4	45.7	98.7	7.2	111.17	38.50	5.16	319.00	202.67	1	0.905	49.07	
	5	43.8	101.2	7.2	111.19	36.40	4.67	319.00	203.15	1	0.906	66.30	
	6	54.0	125.2	7.2	111.34	48.80	8.29	319.00	199.36	2	0.876	83.53	
	7	52.2	119.7	7.2	111.31	45.00	7.05	319.00	200.64	2	0.863	74.33	
	8	46.6	104.2	7.2	111.22	39.40	5.41	319.00	202.37	1	0.900	70.53	
	9	43.8	98.7	7.2	111.17	36.40	4.67	319.00	203.16	1	0.906	66.30	
	10	90.0	133.5	7.2	111.40	82.80	23.98	319.00	183.73	2	0.906	135.13	
	11	141.2	206.4	54.2	111.83	90.00	28.21	319.21	179.17	2	0.898	141.84	
	12	150.9	212.7	60.9	111.86	90.00	28.21	319.23	179.16	2	0.898	141.84	
	13	171.5	254.1	81.5	112.07	90.00	28.21	319.29	179.01	2	0.898	141.84	
	14	340.5	544.6	250.5	112.46	90.00	28.21	319.70	179.03	2	0.898	141.85	
	15	295.3	530.9	145.3	112.41	90.00	28.21	319.46	178.85	2	0.899	141.74	
	16	291.2	401.8	201.2	112.66	90.00	28.21	319.39	178.72	2	0.899	141.66	
	17	354.3	503.2	264.3	113.93	90.00	28.21	319.73	178.58	2	0.899	141.57	
	18	366.1	511.1	276.1	112.93	90.00	28.21	319.75	178.58	2	0.899	141.57	
	19	333.5	487.9	243.5	112.90	90.00	28.21	319.66	178.56	2	0.899	141.56	
	20	305.8	472.7	215.8	112.86	90.00	28.21	319.63	178.56	2	0.899	141.55	
	21	227.1	340.1	137.1	112.59	90.00	28.21	319.44	178.65	2	0.899	141.61	
	22	230.7	330.3	130.7	113.53	90.00	28.21	319.40	178.87	2	0.899	141.73	
	23	182.4	280.0	102.4	112.19	90.00	28.21	319.35	178.95	2	0.898	141.80	
	24	161.8	234.6	71.6	111.97	90.00	28.21	319.26	179.08	2	0.898	141.88	
	25	197.5	206.6	47.5	111.83	90.00	28.21	319.18	179.13	2	0.898	141.93	
	26	117.6	182.6	27.6	111.69	90.00	28.21	319.11	179.20	2	0.898	141.96	
	27	101.4	167.8	11.4	111.61	90.00	28.21	319.03	179.21	2	0.898	141.97	
	28	96.7	156.3	7.2	111.54	89.30	27.95	319.00	179.57	2	0.899	141.54	
	29	91.9	144.9	7.2	111.47	84.70	24.99	319.00	182.55	2	0.905	137.06	
	30	86.2	133.5	7.2	111.40	79.00	21.74	319.00	185.87	2	0.908	130.84	
													139.83

POWER GENERATION SIMULATION

Dam Axis B — Rated Head : 179.30 m — Installed Capacity : 143.9 MW

Year : 1954 — F.S.L.= 319.00 m — Max. Plant Discharge : 90.00 cms

Date		Discharge Dam (cms)	Discharge P/H (cms)	R.W.P or Spillage (cms)	Tail water level (m)	Plant Q (cms)	Loss	Rsvr level	Effec. Head h	Units	Efficiency	Output MW	Monthly Ave. MW
Jul.	1	104.3	139.1	14.3	111.43	90.0	28.21	319.04	179.40	2	0.898	142.00	
	2	128.9	181.5	39.9	111.71	90.0	28.22	319.13	179.34	2	0.898	141.98	
	3	331.0	320.9	231.0	113.41	90.0	28.21	319.46	179.04	2	0.898	141.86	
	4	407.1	584.6	317.1	113.95	90.0	28.21	319.83	178.57	2	0.899	141.54	
	5	496.7	718.1	406.7	113.34	90.0	28.21	319.99	178.45	2	0.899	141.45	
	6	555.7	476.5	260.7	112.87	90.0	28.21	319.73	178.63	2	0.899	141.61	
	7	230.6	351.5	100.6	112.49	90.0	28.21	319.45	178.76	2	0.899	141.68	
	8	190.2	274.7	90.3	113.19	90.0	28.21	319.34	178.95	2	0.899	141.80	
	9	187.6	254.6	77.6	111.97	90.0	28.21	319.26	179.10	2	0.898	141.90	
	10	145.1	213.8	55.1	111.84	90.0	28.21	319.21	179.13	2	0.898	141.91	
	11	126.9	188.5	36.9	111.73	90.0	28.21	319.15	179.22	2	0.898	141.97	
	12	119.6	170.8	23.8	111.62	90.0	28.21	319.09	179.26	2	0.898	142.00	
	13	176.6	176.7	64.6	111.65	90.0	28.21	319.31	179.04	2	0.898	142.00	
	14	140.6	267.0	70.6	113.13	90.0	28.21	319.26	178.82	2	0.898	141.78	
	15	221.2	288.7	131.2	112.24	90.0	28.21	319.43	178.98	2	0.898	141.82	
	16	377.8	508.7	287.8	113.11	90.0	28.21	319.77	178.65	2	0.899	141.68	
	17	490.2	644.1	400.2	113.25	90.0	28.21	319.96	178.52	2	0.899	141.53	
	18	377.3	223.8	287.2	112.86	90.0	28.21	319.77	178.58	2	0.899	141.57	
	19	573.0	491.8	143.0	113.66	90.0	28.21	319.64	178.39	2	0.899	141.57	
	20	234.8	372.8	134.8	113.56	90.0	28.21	319.41	178.66	2	0.899	141.82	
	21	208.3	306.9	118.3	112.31	90.0	28.21	319.40	178.87	2	0.899	141.75	
	22	192.4	268.7	102.4	112.24	90.0	28.21	319.35	178.91	2	0.898	141.77	
	23	176.6	270.3	86.6	112.15	90.0	28.21	319.31	178.95	2	0.898	141.80	
	24	159.7	234.9	69.7	111.92	90.0	28.21	319.26	179.12	2	0.898	141.91	
	25	176.6	266.6	86.6	112.27	90.0	28.21	319.31	179.03	2	0.899	141.73	
	26	238.9	360.1	148.9	112.39	90.0	28.21	319.47	178.67	2	0.899	141.63	
	27	223.4	337.7	133.4	113.44	90.0	28.21	319.43	178.79	2	0.899	141.70	
	28	201.4	303.4	111.4	113.30	90.0	28.21	319.36	178.87	2	0.899	141.75	
	29	197.1	267.0	97.1	112.13	90.0	28.21	319.34	178.99	2	0.899	141.83	
	30	188.5	257.0	78.5	111.99	90.0	28.21	319.26	179.08	3	0.898	141.89	
	31	137.8	215.8	63.8	111.84	90.0	28.21	319.24	179.15	2	0.898	141.93	141.77
Aug.	1	128.9	194.4	38.9	111.76	90.0	28.21	319.15	179.18	2	0.898	141.95	
	2	116.7	176.7	26.7	111.66	90.0	28.21	319.10	179.23	2	0.898	141.98	
	3	103.3	167.6	13.3	111.61	90.0	28.21	319.04	179.22	2	0.898	141.97	
	4	94.0	153.4	7.2	111.52	87.6	24.73	319.00	180.76	2	0.901	139.85	
	5	83.3	142.0	7.2	111.43	78.1	21.36	319.00	186.31	2	0.910	128.76	
	6	74.9	133.3	7.2	111.46	67.7	13.96	319.00	191.44	2	0.915	115.76	
	7	66.4	114.9	7.2	111.39	59.2	12.21	319.00	195.50	2	0.902	102.25	
	8	63.6	106.3	7.2	111.32	56.3	11.80	319.00	195.96	2	0.900	100.39	
	9	64.5	108.7	7.2	111.31	57.3	11.45	319.00	196.36	2	0.898	99.04	
	10	63.5	105.7	7.2	111.31	56.3	11.04	319.00	196.76	2	0.898	97.39	
	11	62.5	98.7	7.2	111.17	55.3	10.65	319.00	197.16	2	0.898	95.54	
	12	62.5	97.9	7.2	111.14	55.3	10.65	319.00	197.21	2	0.898	95.56	
	13	61.7	95.3	7.2	111.13	54.5	10.34	319.00	197.53	2	0.898	94.14	
	14	61.7	94.6	7.2	111.11	54.5	10.34	319.00	197.55	2	0.898	94.15	
	15	59.8	86.3	7.2	111.00	52.6	9.66	319.00	198.27	2	0.898	90.72	
	16	56.0	81.7	7.2	111.06	48.8	8.29	319.00	199.65	2	0.877	83.49	
	17	54.1	79.5	7.2	111.04	46.9	7.66	319.00	200.29	2	0.870	80.09	
	18	52.2	77.3	7.2	111.03	45.0	7.05	319.00	200.92	2	0.863	76.66	
	19	50.4	73.9	7.2	111.00	43.2	6.50	319.00	201.50	2	0.856	72.99	
	20	49.4	64.3	7.2	110.97	42.2	6.20	319.00	201.83	2	0.851	71.06	
	21	47.5	72.9	7.2	111.00	40.3	5.66	319.00	202.34	2	0.843	67.54	
	22	54.9	91.3	7.2	111.12	48.7	8.60	319.00	199.27	2	0.879	83.36	
	23	50.6	86.3	7.2	111.09	43.2	6.50	319.00	201.41	2	0.836	72.95	
	24	44.7	77.3	7.2	111.03	37.5	4.50	319.00	203.07	1	0.806	67.63	
	25	47.5	68.5	7.2	110.97	40.3	5.66	319.00	202.37	2	0.843	67.35	
	26	75.8	122.9	7.2	111.33	66.6	14.39	319.00	191.38	2	0.911	117.14	
	27	61.7	103.7	7.2	111.21	54.5	10.34	319.00	197.43	2	0.892	94.96	
	28	52.2	86.3	7.2	111.09	43.0	7.05	319.00	200.86	2	0.863	73.43	
	29	46.6	79.5	7.2	111.06	38.4	5.41	319.00	202.53	1	0.803	70.38	
	30	45.7	72.9	7.2	111.00	36.5	5.16	319.00	202.84	1	0.803	69.13	
	31	43.8	70.7	7.2	110.99	34.6	4.67	319.00	203.33	1	0.806	66.26	84.14
Sep.	1	42.8	66.3	7.2	110.93	33.5	4.34	319.00	203.71	1	0.911	64.17	
	2	41.1	64.1	7.2	110.94	33.9	4.00	319.00	204.04	1	0.913	61.80	
	3	38.5	60.0	7.2	110.91	31.3	3.41	319.00	204.68	1	0.910	57.13	
	4	37.2	58.1	7.2	110.90	30.0	3.13	319.00	204.97	1	0.907	54.67	
	5	36.0	54.2	7.2	110.89	28.8	2.86	319.00	205.23	1	0.904	52.35	
	6	49.1	77.9	7.2	111.05	42.3	6.23	319.00	201.74	2	0.833	71.23	
	7	74.7	118.7	7.2	111.31	66.3	14.92	319.00	190.87	2	0.911	118.44	
	8	60.1	93.6	7.2	111.14	52.8	9.75	319.00	198.11	2	0.888	91.34	
	9	93.7	83.9	7.2	111.07	46.3	7.53	319.00	200.40	2	0.869	78.32	
	10	154.5	241.1	64.3	113.01	90.0	28.23	319.34	179.03	2	0.898	141.85	
	11	273.4	427.1	183.4	112.74	90.0	28.21	319.53	178.61	2	0.899	141.58	
	12	322.9	548.0	232.9	112.47	90.0	28.21	319.43	178.73	2	0.899	141.67	
	13	332.1	513.3	240.1	113.96	90.0	28.21	319.48	178.51	2	0.899	141.53	
	14	288.1	448.8	198.1	113.80	90.0	28.21	319.39	178.56	2	0.899	141.54	
	15	305.4	320.6	115.4	112.37	90.0	28.21	319.39	178.81	2	0.899	141.71	
	16	198.6	247.6	68.6	113.06	90.0	28.21	319.25	178.80	2	0.899	141.84	
	17	130.4	203.6	40.4	111.81	90.0	28.21	319.16	179.14	2	0.898	141.92	
	18	115.1	179.6	25.1	111.67	90.0	28.21	319.09	179.21	2	0.898	141.97	
	19	196.8	310.3	106.8	112.53	90.0	28.21	319.37	178.65	2	0.899	141.73	
	20	271.3	423.5	181.3	112.73	90.0	28.21	319.55	178.61	2	0.899	141.59	
	21	241.1	378.4	151.1	112.58	90.0	28.21	319.48	178.69	2	0.899	141.64	
	22	249.0	419.9	170.0	112.72	90.0	28.21	319.54	178.62	2	0.899	141.59	
	23	302.8	472.7	212.8	113.86	90.0	28.21	319.62	178.55	2	0.899	141.55	
	24	229.3	358.3	139.3	112.51	90.0	28.21	319.43	178.73	2	0.899	141.66	
	25	187.8	299.1	97.8	112.33	90.0	28.21	319.34	178.86	2	0.898	141.76	
	26	196.6	304.9	106.6	112.31	90.0	28.21	319.36	178.84	2	0.899	141.75	
	27	205.4	320.6	115.4	112.37	90.0	28.21	319.39	178.81	2	0.899	141.71	
	28	245.8	383.7	155.8	112.60	90.0	28.21	319.49	178.68	2	0.899	141.63	
	29	356.6	536.6	266.6	113.05	90.0	28.21	319.73	178.47	2	0.899	141.50	
	30	302.8	472.7	212.8	112.86	90.0	28.21	319.62	178.55	2	0.899	141.55	
													120.95

Date		Discharge Dam (cms)	Discharge P/H (cms)	R.W.P or Spillage (cms)	Tail water level (m)	Plant Q (cms)	Loss	Rsvr level	Effec. Head h	Units	Efficiency	Output MW	Monthly Ave. MW
Oct.	1	178.7	365.6	88.7	112.54	90.00	28.21	319.31	178.57	2	0.899	141.56	
	2	178.9	265.1	68.9	112.35	90.00	28.21	319.33	178.77	2	0.900	141.69	
	3	145.0	254.1	58.0	112.07	90.00	28.21	319.33	178.94	2	0.900	141.79	
	4	159.7	254.6	68.7	111.97	90.00	28.21	319.36	179.07	2	0.900	141.88	
	5	158.7	231.8	68.7	111.83	90.00	28.21	319.36	179.14	2	0.900	141.93	
	6	203.6	324.0	113.6	112.38	90.00	28.21	319.30	178.79	2	0.899	141.70	
	7	300.2	317.2	150.2	112.55	90.00	28.21	319.57	178.81	2	0.899	141.71	
	8	180.3	260.3	100.3	112.10	90.00	28.21	319.55	179.03	2	0.900	141.86	
	9	171.5	247.6	81.5	113.04	90.00	28.21	319.29	179.04	2	0.900	141.86	
	10	196.9	247.6	106.9	113.04	90.00	28.21	319.37	179.12	2	0.900	141.91	
	11	153.9	234.1	93.9	112.07	90.00	28.21	319.33	179.05	2	0.898	141.86	
	12	173.5	241.1	83.5	112.01	90.00	28.21	319.30	179.08	2	0.900	141.80	
	13	166.5	218.8	76.5	111.89	90.00	28.21	319.28	179.18	2	0.900	141.85	
	14	160.6	252.6	70.6	111.81	90.00	28.21	319.36	179.24	2	0.900	141.89	
	15	153.8	184.6	63.8	111.76	90.00	28.21	319.34	179.27	2	0.900	142.00	
	16	147.1	198.5	57.1	111.73	90.00	28.21	319.32	179.30	2	0.900	142.00	
	17	186.0	280.0	96.0	112.19	90.00	28.21	319.33	178.95	2	0.899	141.79	
	18	787.9	951.6	617.9	113.80	90.00	28.23	328.34	178.43	2	0.899	141.47	
	19	496.3	701.4	406.3	113.51	90.00	28.23	320.00	178.66	2	0.899	141.50	
	20	398.1	527.7	308.1	113.99	90.00	28.21	319.81	178.61	2	0.899	141.59	
	21	1304.8	1404.4	1214.8	114.68	90.00	28.22	321.14	178.34	2	0.899	141.35	
	22	1808.5	2420.7	1668.5	118.64	90.00	28.21	323.07	178.02	2	0.898	141.21	
	23	1518.2	1748.8	1428.2	114.77	90.00	28.21	321.99	178.41	2	0.899	141.46	
	24	1051.3	1334.4	961.3	114.18	90.00	28.21	320.82	178.43	2	0.899	141.47	
	25	601.4	960.6	511.4	113.70	90.00	28.21	320.17	178.25	2	0.898	141.36	
	26	408.6	664.1	318.6	113.25	90.00	28.21	319.83	178.37	2	0.898	141.43	
	27	348.2	488.0	178.2	113.69	90.00	28.21	319.54	178.03	2	0.898	141.61	
	28	217.7	308.4	157.7	113.50	90.00	28.21	319.42	178.01	2	0.898	141.79	
	29	176.6	267.0	86.6	112.15	90.00	28.21	319.31	178.96	2	0.898	141.81	
	30	161.8	234.8	71.8	111.87	90.00	28.21	319.26	179.08	2	0.898	141.88	
	31	149.0	212.7	59.0	111.84	90.00	28.21	319.22	179.15	2	0.898	141.93	141.72
Nov.	1	134.6	191.5	44.6	111.74	90.00	28.21	319.18	179.23	2	0.898	141.98	
	2	118.5	167.8	28.5	111.61	90.00	28.21	319.11	179.26	2	0.898	142.00	
	3	103.3	153.4	13.3	111.52	90.00	28.21	319.07	179.30	2	0.898	142.00	
	4	86.2	128.1	7.2	111.45	79.00	21.74	319.00	183.83	2	0.909	130.84	
	5	84.9	128.0	7.2	111.36	77.80	20.70	319.00	184.84	2	0.910	128.40	
	6	83.4	122.3	7.2	111.33	76.30	20.22	319.00	187.43	2	0.911	127.59	
	7	78.6	114.5	7.2	111.30	72.40	18.26	319.00	189.45	2	0.912	122.54	
	8	77.7	114.2	7.2	111.27	70.50	17.51	319.00	190.43	2	0.911	119.91	
	9	76.7	111.4	7.2	111.26	69.50	16.83	319.00	190.83	2	0.911	118.49	
	10	76.7	108.2	7.2	111.22	69.50	16.82	319.00	190.96	2	0.911	118.52	
	11	74.9	105.7	7.2	111.21	67.70	15.96	319.00	191.83	2	0.911	117.96	
	12	68.2	102.7	7.2	111.21	62.00	13.39	319.00	194.41	2	0.906	106.97	
	13	62.5	96.7	7.2	111.17	55.30	10.65	319.00	197.16	2	0.894	95.54	
	14	54.9	91.3	7.2	111.13	48.70	8.60	319.00	198.27	2	0.879	83.54	
	15	54.9	86.3	7.2	111.08	48.70	8.60	319.00	198.51	2	0.879	83.56	
	16	56.0	83.9	7.2	111.07	48.80	8.29	319.00	199.63	2	0.876	83.68	
	17	50.4	81.7	7.2	111.06	43.20	6.50	319.00	200.44	2	0.836	72.97	
	18	42.8	77.3	7.2	111.03	35.60	4.41	319.00	203.56	1	0.910	64.64	
	19	41.0	72.9	7.2	111.00	33.80	3.96	319.00	204.02	1	0.912	61.51	
	20	33.5	68.5	7.2	110.97	26.30	2.79	319.00	205.24	1	0.902	51.34	
	21	32.0	64.1	7.2	110.94	24.80	2.14	319.00	205.82	1	0.884	44.26	
	22	31.3	61.9	7.2	110.93	24.00	2.01	319.00	206.07	1	0.879	42.61	
	23	90.5	60.8	7.2	110.91	23.10	1.96	319.00	206.23	1	0.870	40.74	
	24	33.9	60.0	7.2	110.91	25.70	3.30	319.00	205.79	1	0.905	46.12	
	25	36.6	56.3	7.2	110.99	21.40	1.99	319.00	206.52	1	0.859	37.19	
	26	27.9	54.3	7.2	110.87	19.80	1.37	319.00	206.78	1	0.843	33.84	
	27	23.4	52.4	7.2	110.86	18.20	1.15	319.00	206.99	1	0.826	30.51	
	28	23.8	52.6	7.2	110.86	16.40	0.96	319.00	207.18	1	0.807	27.21	
	29	23.0	52.6	7.2	110.86	15.80	0.87	319.00	207.27	1	0.797	25.58	
	30	22.2	54.2	7.2	110.89	15.00	0.79	319.00	207.33	0	0.000	0.00	
													81.46
Dec.	1	20.6	54.3	7.2	110.87	13.40	0.63	319.00	207.39	0	0.000	0.00	
	2	20.6	54.3	7.2	110.87	13.40	0.63	319.00	207.39	0	0.000	0.00	
	3	20.6	50.5	7.2	110.85	13.40	0.63	319.00	207.53	0	0.000	0.00	
	4	22.2	52.4	7.2	110.84	15.00	0.78	319.00	207.36	0	0.000	0.00	
	5	21.4	52.4	7.2	110.84	14.20	0.70	319.00	207.44	0	0.000	0.00	
	6	19.8	44.7	7.2	110.82	12.60	0.55	319.00	207.65	0	0.000	0.00	
	7	19.0	42.9	7.2	110.79	11.80	0.48	319.00	207.72	0	0.000	0.00	
	8	19.0	42.9	7.2	110.79	11.80	0.48	319.00	207.72	0	0.000	0.00	
	9	18.1	30.5	7.2	110.85	10.90	0.41	319.00	207.74	0	0.000	0.00	
	10	22.2	61.9	7.2	110.93	15.00	0.78	319.00	207.39	0	0.000	0.00	
	11	18.1	54.3	7.2	110.87	10.90	0.41	319.00	207.71	0	0.000	0.00	
	12	18.1	44.8	7.2	110.81	10.90	0.41	319.00	207.78	0	0.000	0.00	
	13	21.4	44.7	7.2	110.83	14.20	0.70	319.00	207.48	0	0.000	0.00	
	14	22.2	48.6	7.2	110.83	15.00	0.78	319.00	207.38	0	0.000	0.00	
	15	21.4	42.9	7.2	110.79	14.20	0.70	319.00	207.50	0	0.000	0.00	
	16	21.4	39.7	7.2	110.77	14.20	0.70	319.00	207.53	0	0.000	0.00	
	17	20.6	44.8	7.2	110.81	13.40	0.63	319.00	207.57	0	0.000	0.00	
	18	29.4	64.1	7.2	110.94	22.20	1.72	319.00	206.34	1	0.845	38.05	
	19	73.0	128.0	7.2	111.34	65.80	13.08	319.00	193.56	2	0.908	112.91	
	20	55.1	106.2	7.2	111.22	47.90	7.89	319.00	199.79	2	0.873	81.91	
	21	42.8	72.9	7.2	111.00	35.60	4.41	319.00	203.59	1	0.910	64.65	
	22	32.0	54.2	7.2	110.90	24.80	2.14	319.00	206.87	1	0.884	44.37	
	23	27.0	48.6	7.2	110.85	19.80	1.37	319.00	206.80	1	0.843	33.95	
	24	24.5	44.8	7.2	110.81	17.30	1.04	319.00	207.15	1	0.816	28.48	
	25	27.0	44.7	7.2	110.82	19.80	1.37	319.00	206.81	1	0.843	33.95	
	26	32.0	64.1	7.2	110.94	24.80	2.14	319.00	205.92	1	0.884	44.26	
	27	28.6	60.0	7.2	110.91	21.40	1.99	319.00	206.49	1	0.859	37.16	
	28	23.8	52.4	7.2	110.86	16.60	0.96	319.00	207.16	1	0.807	27.21	
	29	21.4	44.8	7.2	110.81	14.20	0.70	319.00	207.49	0	0.000	0.00	
	30	20.6	52.7	7.2	110.77	13.40	0.63	319.00	207.60	0	0.000	0.00	
	31	19.0	54.7	7.2	110.75	11.80	0.48	319.00	207.76	0	0.000	0.00	17.66

POWER GENERATION SIMULATION

Year : 1955

Dam Axis B — F.S.L. = 319.00 m — Rated Head : 179.30 m — Max. Plant Discharge : 90.00 cms — Installed Capacity : 143.0 MW

Date		Discharge Dam (cms)	Discharge P/H (cms)	RMF or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Effcie ncy	Output MW	Monthly Ave. MW
Jan.	1	33.5	33.1	23.9	310.74	0.0	0.82	319.00	307.44	0	0.000	0.00	
	2	31.5	33.5	21.5	310.73	0.0	0.71	319.00	307.56	0	0.000	0.00	
	3	33.9	33.1	23.5	310.74	0.0	0.82	319.00	307.44	0	0.000	0.00	
	4	23.5	34.7	7.2	310.75	16.3	0.93	319.00	307.33	1	0.804	24.41	
	5	22.5	33.1	22.5	310.74	0.0	0.82	319.00	307.44	0	0.000	0.00	
	6	21.5	33.5	21.5	310.73	0.0	0.71	319.00	307.56	0	0.000	0.00	
	7	19.5	30.5	19.5	310.71	0.0	0.53	319.00	307.77	0	0.000	0.00	
	8	20.5	32.0	20.5	310.72	0.0	0.62	319.00	307.67	0	0.000	0.00	
	9	34.0	34.3	7.2	310.57	27.6	2.65	319.00	305.47	1	0.889	48.97	
	10	68.1	75.1	7.2	311.01	40.9	5.87	319.00	302.16	2	0.845	68.50	
	11	50.9	79.5	7.2	311.04	43.7	6.65	319.00	301.30	2	0.838	73.84	
	12	57.2	58.1	7.2	310.90	30.0	3.13	319.00	304.97	1	0.907	54.47	
	13	33.6	32.4	7.2	310.86	24.4	2.43	319.00	305.71	1	0.894	47.76	
	14	33.3	66.3	7.2	311.59	48.1	8.06	319.00	299.83	2	0.876	83.95	
	15	61.1	66.1	7.2	310.94	33.9	4.00	319.00	304.06	1	0.913	61.00	
	16	54.9	54.2	7.2	310.89	23.8	2.89	319.00	305.23	1	0.904	53.35	
	17	58.5	60.0	7.2	310.91	31.3	3.41	319.00	304.68	1	0.910	57.13	
	18	54.9	84.8	7.2	311.31	49.7	8.80	319.00	299.29	2	0.879	85.35	
	19	43.9	68.5	7.2	310.97	34.7	4.89	319.00	303.54	1	0.908	66.42	
	20	34.8	34.3	7.2	310.57	27.6	2.43	319.00	305.47	1	0.889	48.97	
	21	31.1	48.6	7.2	310.83	23.9	1.99	319.00	306.18	1	0.878	42.42	29.77
Feb.	1	35.5	54.3	7.2	310.87	28.3	2.79	319.00	305.54	1	0.902	51.37	
	2	52.3	72.9	7.2	311.00	45.0	7.05	319.00	300.95	2	0.863	76.47	
	3	44.6	64.1	7.2	310.94	39.4	5.41	319.00	302.65	1	0.900	70.41	
	4	41.0	60.9	7.2	310.91	33.8	3.98	319.00	304.11	1	0.912	61.63	
	5	31.2	54.2	7.2	310.89	24.0	2.01	319.00	306.11	1	0.879	42.42	
	6	23.0	43.9	7.2	310.79	16.6	0.96	319.00	307.25	1	0.807	27.23	
	7	26.1	23.5	7.2	310.73	18.9	1.24	319.00	307.03	1	0.834	31.99	
	8	22.2	33.0	22.2	310.72	0.0	0.78	319.00	307.50	0	0.000	0.00	
	9	21.4	32.0	21.4	310.72	0.0	0.70	319.00	307.58	0	0.000	0.00	
	10	30.3	44.8	7.2	310.81	23.1	1.86	319.00	306.33	1	0.873	40.76	
	11	48.5	69.0	7.2	310.91	41.3	5.84	319.00	303.15	2	0.847	69.33	
	12	61.7	83.9	7.2	311.07	54.5	10.34	319.00	297.58	2	0.802	94.17	
	13	64.4	96.3	7.2	311.16	59.2	12.21	319.00	295.64	2	0.923	103.33	
	14	54.1	103.7	7.2	311.21	46.9	7.66	319.00	300.13	2	0.870	80.00	
	15	41.0	81.7	7.2	311.06	33.8	3.98	319.00	303.96	1	0.912	61.59	
	16	33.7	58.1	7.2	310.90	26.5	2.43	319.00	305.66	1	0.894	47.75	
	17	51.3	73.1	7.2	311.01	44.1	6.77	319.00	301.21	2	0.859	74.73	
	18	42.8	66.9	7.2	311.09	35.6	4.41	319.00	303.50	1	0.910	64.42	
	19	37.2	72.9	7.2	311.00	30.0	3.13	319.00	304.87	1	0.907	54.69	
	20	39.1	56.2	7.2	310.89	31.9	3.54	319.00	304.57	1	0.911	58.24	
	21	43.8	61.9	7.2	310.93	36.6	4.67	319.00	303.41	1	0.908	66.27	
	22	74.9	84.3	7.2	311.09	67.7	15.96	319.00	191.95	2	0.911	115.36	
	23	104.3	142.0	14.3	311.45	90.0	28.21	319.04	179.36	2	0.898	142.00	
	24	97.7	133.5	7.7	311.40	90.0	28.21	319.00	179.40	2	0.898	142.00	
	25	57.8	81.7	7.2	311.06	50.6	8.52	319.00	199.02	2	0.862	87.06	
	26	50.4	68.0	7.2	310.91	43.2	6.50	319.00	201.59	2	0.856	73.03	
	27	54.0	66.3	7.2	310.96	46.8	8.29	319.00	199.75	2	0.877	83.74	
	28	61.7	83.9	7.2	311.07	54.5	10.34	319.00	197.58	2	0.890	94.17	
													64.36
Mar.	1	49.5	77.3	7.2	311.03	42.3	6.23	319.00	201.74	2	0.852	71.23	
	2	42.5	66.3	7.2	310.96	35.3	4.34	319.00	203.71	1	0.911	64.17	
	3	36.0	56.2	7.2	310.89	28.8	2.89	319.00	305.23	1	0.904	52.35	
	4	33.6	52.4	7.2	310.86	26.4	2.43	319.00	305.71	1	0.894	47.56	
	5	41.1	64.1	7.2	310.94	33.9	4.00	319.00	304.06	1	0.912	61.00	
	6	64.8	101.2	7.2	311.19	57.6	11.95	319.00	196.26	2	0.898	99.37	
	7	73.1	114.3	7.2	311.27	65.9	15.13	319.00	182.60	2	0.908	113.11	
	8	66.4	103.7	7.2	311.21	59.2	12.21	319.00	195.59	2	0.902	102.30	
	9	53.7	83.9	7.2	311.07	46.5	7.53	319.00	200.40	2	0.849	79.92	
	10	44.7	72.9	7.2	311.00	39.5	5.43	319.00	202.57	1	0.900	70.53	
	11	42.5	66.3	7.2	310.96	35.3	4.34	319.00	203.71	1	0.911	64.17	
	12	45.9	70.7	7.2	310.99	38.1	5.06	319.00	202.96	1	0.904	68.54	
	13	38.5	60.0	7.2	310.91	31.3	3.41	319.00	204.68	1	0.910	57.13	
	14	33.6	52.4	7.2	310.86	26.4	2.43	319.00	205.71	1	0.894	47.56	
	15	29.9	44.7	7.2	310.82	22.7	1.79	319.00	206.39	1	0.870	39.92	
	16	26.5	41.4	7.2	310.78	19.3	1.30	319.00	206.92	1	0.838	32.81	
	17	29.9	44.7	7.2	310.82	22.7	1.79	319.00	206.39	1	0.870	39.92	
	18	28.7	44.8	7.2	310.81	21.5	1.61	319.00	206.56	1	0.860	37.41	
	19	26.5	41.4	7.2	310.78	19.3	1.30	319.00	206.92	1	0.838	32.81	
	20	23.5	36.7	7.2	310.73	16.3	0.93	319.00	207.32	1	0.804	24.41	
	21	20.5	32.0	20.5	310.72	0.0	0.62	319.00	207.67	0	0.000	0.00	
	22	20.5	32.0	20.5	310.72	0.0	0.62	319.00	207.67	0	0.000	0.00	
	23	20.5	32.0	20.5	310.72	0.0	0.62	319.00	207.67	0	0.000	0.00	
	24	21.3	33.3	21.3	310.73	0.0	0.71	319.00	207.56	0	0.000	0.00	
	25	23.5	29.7	7.2	310.77	18.3	1.17	319.00	207.06	1	0.828	30.73	
	26	26.5	41.4	7.2	310.78	19.3	1.30	319.00	206.92	1	0.838	32.81	
	27	91.0	142.0	7.2	311.45	83.8	24.46	319.00	183.09	2	0.905	136.15	
	28	189.4	288.7	95.6	312.24	90.0	28.21	319.35	178.89	2	0.898	141.76	
	29	146.2	231.4	56.2	311.94	90.0	28.21	319.22	179.05	2	0.898	141.87	
	30	140.2	218.8	50.2	311.80	90.0	28.21	319.19	179.09	2	0.898	141.89	
	31	107.8	142.0	13.8	311.57	90.0	28.21	319.04	179.26	2	0.898	142.00	63.74

Date		Discharge Dam (cms)	Discharge P/H (cms)	RMF or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Effcie ncy	Output MW	Monthly Ave. MW
Apr.	1	81.5	114.2	7.2	311.37	74.30	19.23	319.00	188.39	2	0.911	125.09	
	2	62.5	68.9	7.2	311.11	55.30	10.65	319.00	197.24	2	0.894	95.35	
	3	50.4	70.7	7.2	310.99	43.20	6.50	319.00	201.53	2	0.856	73.00	
	4	41.0	60.0	7.2	310.91	33.80	3.98	319.00	304.11	1	0.912	61.63	
	5	35.5	56.2	7.2	310.89	28.30	2.79	319.00	305.32	1	0.902	51.36	
	6	33.7	52.4	7.2	310.86	26.50	2.43	319.00	305.69	1	0.894	47.76	
	7	33.7	30.5	7.2	310.85	26.50	2.43	319.00	305.71	1	0.894	47.77	
	8	33.7	43.6	7.2	310.83	26.50	2.43	319.00	305.72	1	0.894	47.77	
	9	30.3	44.7	7.2	310.82	23.10	1.86	319.00	306.32	1	0.873	40.76	
	10	67.3	114.2	7.2	311.27	60.10	12.98	319.00	195.15	2	0.903	105.78	
	11	60.3	106.2	7.2	311.23	61.10	13.00	319.00	194.78	2	0.904	105.48	
	12	48.5	78.5	7.2	311.04	41.30	5.84	319.00	302.01	2	0.847	69.27	
	13	35.5	60.0	7.2	310.91	28.30	2.79	319.00	305.50	1	0.902	51.36	
	14	31.2	52.4	7.2	310.86	24.00	2.01	319.00	306.13	1	0.879	42.42	
	15	30.4	61.9	7.2	310.97	43.20	6.50	319.00	201.56	2	0.856	73.00	
	16	119.4	176.7	23.4	311.66	90.00	28.21	319.11	179.25	2	0.898	141.93	
	17	94.8	147.7	7.2	311.43	87.40	26.73	319.00	180.79	2	0.901	139.87	
	18	65.4	106.2	7.2	311.23	58.30	11.80	319.00	195.98	2	0.900	100.99	
	19	94.8	139.7	7.2	311.31	87.40	26.73	319.00	180.87	2	0.901	139.98	
	20	130.4	182.6	44.4	311.69	90.00	28.21	319.19	179.28	2	0.898	142.00	
	21	136.7	200.7	46.7	311.84	90.00	28.21	319.35	178.19	2	0.898	141.96	
	22	138.4	188.5	48.4	311.73	90.00	28.21	319.19	179.25	2	0.898	141.99	
	23	105.2	144.9	15.2	311.47	90.00	28.21	319.05	179.37	2	0.898	142.00	
	24	83.3	114.9	7.2	311.29	78.10	21.36	319.00	184.47	2	0.910	128.86	
	25	67.3	96.3	7.2	311.16	60.10	12.98	319.00	193.26	2	0.903	105.85	
	26	59.8	83.9	7.2	311.07	53.40	9.64	319.00	198.29	2	0.868	90.73	
	27	56.0	77.3	7.2	311.03	48.80	8.59	319.00	199.68	2	0.877	83.70	
	28	55.1	75.1	7.2	311.01	47.90	7.99	319.00	199.59	2	0.874	82.01	
	29	55.1	77.3	7.2	311.03	47.90	7.99	319.00	199.58	2	0.874	82.00	
	30	48.5	70.7	7.2	310.99	41.30	5.84	319.00	202.07	2	0.847	68.50	
													92.27
May	1	37.2	60.0	7.2	310.91	30.00	3.13	319.00	304.85	1	0.907	54.47	
	2	33.5	54.3	7.2	310.87	28.30	2.79	319.00	305.54	1	0.902	51.37	
	3	32.9	30.5	7.2	310.85	25.70	2.30	319.00	305.65	1	0.900	46.13	
	4	30.3	44.7	7.2	310.82	23.10	1.86	319.00	306.32	1	0.873	40.76	
	5	28.4	44.8	7.2	310.81	22.20	1.72	319.00	306.44	1	0.866	38.98	
	6	30.3	44.8	7.2	310.81	23.10	1.86	319.00	306.33	1	0.873	40.76	
	7	28.6	44.8	7.2	310.81	21.40	1.59	319.00	306.60	1	0.859	37.20	
	8	27.0	41.4	7.2	310.78	19.80	1.37	319.00	306.85	1	0.844	33.86	
	9	26.1	39.7	7.2	310.77	18.90	1.24	319.00	306.96	1	0.834	31.98	
	10	23.4	36.2	7.2	310.74	18.20	1.15	319.00	307.09	1	0.826	30.32	
	11	23.8	36.2	7.2	310.74	16.40	0.96	319.00	307.29	1	0.807	27.22	
	12	24.5	36.7	7.2	310.75	17.30	1.04	319.00	307.21	1	0.816	28.66	
	13	23.8	36.7	7.2	310.75	16.40	0.94	319.00	307.29	1	0.807	27.22	
	14	22.2	36.7	22.2	310.75	0.00	0.78	319.00	307.47	0	0.000	0.00	
	15	21.4	36.7	21.4	310.75	0.00	0.70	319.00	307.55	0	0.000	0.00	
	16	23.0	36.7	7.2	310.75	15.80	0.87	319.00	307.38	1	0.797	25.59	
	17	24.5	43.8	7.2	310.79	17.30	1.04	319.00	307.16	1	0.816	28.66	
	18	191.4	203.5	101.4	311.79	90.00	28.21	319.35	179.35	2	0.898	142.00	
	19	751.4	1578.7	661.4	314.52	90.00	28.21	320.60	177.67	2	0.900	140.98	
	20	745.0	1343.7	655.0	314.21	90.00	28.21	320.39	177.98	2	0.899	141.18	
	21	598.2	782.4	448.2	313.44	90.00	28.21	320.10	178.45	2	0.899	141.48	
	22	389.7	448.9	239.7	312.85	90.00	28.21	319.66	178.99	2	0.899	141.58	
	23	181.8	283.2	91.8	312.21	90.00	28.21	319.33	178.91	2	0.898	141.77	
	24	134.7	203.6	44.7	311.81	90.00	28.21	319.17	179.15	2	0.898	141.93	
	25	101.4	164.9	11.4	311.59	90.00	28.21	319.03	179.33	2	0.898	141.98	
	26	90.0	139.1	7.2	311.43	82.80	23.88	319.00	183.09	2	0.906	135.10	
	27	78.7	122.5	7.2	311.33	71.50	17.80	319.00	189.87	2	0.912	121.38	
	28	70.1	106.2	7.2	311.23	63.90	13.78	319.00	194.00	2	0.907	108.43	
	29	62.5	96.3	7.2	311.16	55.30	10.65	319.00	197.19	2	0.894	95.35	
	30	57.8	91.5	7.2	311.12	50.80	8.92	319.00	198.96	2	0.862	87.02	
	31	55.1	86.7	7.2	311.09	47.90	7.99	319.00	199.92	2	0.877	83.87	74.98
Jun.	1	51.3	79.5	7.2	311.04	44.10	6.77	319.00	201.18	2	0.859	74.72	
	2	48.5	75.1	7.2	311.01	41.30	5.84	319.00	202.04	2	0.847	69.28	
	3	42.8	70.7	7.2	310.99	35.60	4.41	319.00	203.60	1	0.910	64.05	
	4	41.9	66.5	7.2	310.97	34.70	4.19	319.00	203.84	1	0.911	63.16	
	5	41.0	64.3	7.2	310.96	33.80	3.98	319.00	204.07	1	0.912	61.02	
	6	41.0	64.1	7.2	310.94	33.80	3.98	319.00	204.06	1	0.912	61.02	
	7	37.2	61.9	7.2	310.93	30.00	3.13	319.00	204.84	1	0.907	54.66	
	8	37.2	61.0	7.2	310.91	30.00	3.13	319.00	204.95	1	0.907	54.67	
	9	37.2	58.1	7.2	310.90	30.00	3.13	319.00	204.97	1	0.907	54.67	
	10	35.5	60.0	7.2	310.91	28.30	2.79	319.00	205.30	1	0.902	51.36	
	11	33.7	58.1	7.2	310.90	26.50	2.45	319.00	205.66	1	0.894	47.75	
	12	34.9	84.3	7.2	311.09	45.70	8.60	319.00	199.31	2	0.875	85.38	
	13	107.2	330.9	17.2	312.41	90.00	28.21	319.06	178.44	2	0.898	141.48	
	14	178.7	317.2	88.7	312.35	90.00	28.21	319.31	178.75	2	0.899	141.67	
	15	127.1	228.1	37.1	311.94	90.00	28.21	319.14	178.99	2	0.898	141.83	
	16	120.4	215.8	30.4	311.88	90.00	28.21	319.12	179.03	2	0.898	141.85	
	17	222.4	438.4	132.4	312.77	90.00	28.21	319.43	178.45	2	0.899	141.48	
	18	341.7	627.0	251.7	313.18	90.00	28.21	319.78	178.39	2	0.899	141.44	
	19	287.3	449.8	197.3	312.80	90.00	28.21	319.39	178.58	2	0.899	141.56	
	20	200.3	317.2	110.2	312.35	90.00	28.21	319.37	178.81	2	0.899	141.71	
	21	147.1	230.8	57.1	312.04	90.00	28.21	319.23	178.95	2	0.898	141.80	
	22	127.1	221.9	37.1	311.91	90.00	28.21	319.14	179.03	2	0.898	141.85	
	23	120.4	208.4	30.4	311.83	90.00	28.21	319.12	179.08	2	0.898	141.89	
	24	107.2	191.5	17.2	311.74	90.00	28.21	319.06	179.10	2	0.898	141.90	
	25	92.9	170.8	7.2	311.62	85.70	25.98	319.00	181.80	2	0.896	137.96	
	26	82.4	144.9	7.2	311.47	75.20	19.89	319.00	187.84	2	0.911	126.14	
	27	73.8	133.5	7.2	311.40	66.60	16.39	319.00	191.21	2	0.911	117.09	
	28	69.2	122.5	7.2	311.33	62.00	13.79	319.00	194.29	2	0.906	106.90	
	29	63.4	111.4	7.2	311.26	56.20	11.92	319.00	195.93	2	0.900	100.97	
	30	61.7	103.7	7.2	311.21	54.50	10.34	319.00	197.45	2	0.892	94.10	
													104.22

POWER GENERATION SIMULATION

Year : 1955 | Data Axis B | F.S.L.= 319.00 m | Rated Head : 179.30 m | Max. Plant Discharge : 90.00 cms | Installed Capacity : 142.0 MW

Date		Discharge Dam (cms)	Discharge Pdl (cms)	RMF or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Efficie ncy	Output MW	Monthly Ave. MW
Jul.	1	54.0	96.1	7.2	111.14	48.8	0.39	319.00	199.53	2	0.876	93.64	
	2	54.0	93.8	7.2	111.14	48.8	0.39	319.00	199.57	2	0.876	93.65	
	3	57.8	101.2	7.2	111.19	50.6	0.43	319.00	199.09	3	0.863	94.59	
	4	107.2	203.4	17.2	112.50	90.0	28.21	319.04	178.55	3	0.799	141.55	
	5	279.6	499.4	180.6	112.93	90.0	28.21	319.55	178.41	2	0.899	141.44	
	6	306.7	630.6	418.7	113.13	90.0	28.21	320.01	178.65	2	0.899	141.61	
	7	910.5	1407.1	820.5	114.29	90.0	28.21	320.43	178.13	2	0.899	141.28	
	8	553.1	983.9	463.1	113.62	90.0	28.21	320.09	178.56	2	0.899	141.56	
	9	406.6	775.1	316.6	113.08	90.0	28.21	319.83	178.54	2	0.899	141.54	
	10	446.8	581.4	356.8	113.10	90.0	28.21	319.94	178.63	2	0.899	141.60	
	11	390.9	791.0	300.9	113.04	90.0	28.21	320.15	178.49	2	0.899	141.51	
	12	499.2	694.0	409.2	113.28	90.0	28.21	319.99	178.50	2	0.899	141.51	
	13	540.2	684.1	450.2	113.39	90.0	28.21	319.78	178.41	2	0.899	141.58	
	14	268.3	388.3	178.3	112.51	90.0	28.21	319.50	178.77	2	0.899	141.80	
	15	196.9	286.5	106.9	112.22	90.0	28.21	319.37	178.93	2	0.898	141.79	
	16	166.5	247.6	76.5	112.04	90.0	28.21	319.28	179.05	2	0.898	141.85	
	17	145.1	218.8	55.1	111.89	90.0	28.21	319.21	179.11	2	0.898	141.90	
	18	127.1	195.5	37.1	111.74	90.0	28.21	319.14	179.19	2	0.898	141.96	
	19	119.7	176.7	29.7	111.66	90.0	28.21	319.10	179.23	2	0.898	141.98	
	20	113.7	170.5	23.7	111.62	90.0	28.21	319.10	179.26	2	0.898	142.00	
	21	102.3	159.1	12.3	111.55	90.0	28.21	319.03	179.27	2	0.898	142.00	
	22	92.9	142.9	7.2	111.45	85.7	23.58	319.00	181.97	2	0.903	138.07	
	23	83.5	126.0	7.2	111.36	78.1	21.24	319.00	184.39	2	0.910	128.81	
	24	76.7	119.7	7.2	111.31	69.3	16.82	319.00	180.87	2	0.911	111.44	
	25	72.0	111.6	7.2	111.26	64.8	14.42	319.00	180.12	2	0.909	111.42	
	26	68.3	106.2	7.2	111.22	61.1	13.00	319.00	179.78	2	0.904	105.48	
	27	64.5	101.2	7.2	111.19	57.3	11.43	319.00	179.36	2	0.898	99.05	
	28	179.4	130.8	49.4	111.30	90.0	28.21	319.19	179.48	2	0.898	142.00	
	29	341.9	405.4	251.9	112.67	90.0	28.21	319.79	178.82	2	0.899	141.72	
	30	570.2	786.7	480.2	113.45	90.0	28.21	320.13	178.46	2	0.899	141.49	
	31	414.5	622.8	324.5	112.98	90.0	28.21	319.84	178.64	2	0.899	141.63	131.40
Aug.	1	283.7	412.6	193.7	112.48	90.0	28.21	319.58	178.67	2	0.899	141.63	
	2	304.0	500.0	214.0	112.36	90.0	28.21	319.39	178.90	2	0.899	141.77	
	3	188.5	293.8	78.5	112.04	90.0	28.21	319.28	179.02	2	0.898	141.85	
	4	145.1	215.8	35.1	111.86	90.0	28.21	319.21	179.12	2	0.898	141.91	
	5	126.0	191.5	36.0	111.74	90.0	28.21	319.15	179.20	2	0.898	141.96	
	6	114.7	167.8	24.7	111.61	90.0	28.21	319.09	179.28	2	0.898	142.00	
	7	106.3	159.6	16.3	111.52	90.0	28.21	319.05	179.32	2	0.898	142.00	
	8	100.4	150.6	10.4	111.50	90.0	28.21	319.02	179.31	2	0.898	142.00	
	9	98.6	142.0	8.6	111.45	90.0	28.21	319.01	179.35	2	0.898	142.00	
	10	134.7	194.4	44.7	111.74	90.0	28.21	319.23	179.20	2	0.898	142.00	
	11	143.2	205.6	53.2	111.81	90.0	28.21	319.30	179.18	2	0.898	141.95	
	12	120.4	176.7	30.4	111.66	90.0	28.21	319.12	179.25	2	0.898	141.99	
	13	106.3	156.3	16.3	111.54	90.0	28.21	319.05	179.31	2	0.898	142.00	
	14	84.7	144.9	7.2	111.47	88.5	27.50	319.00	179.64	2	0.899	141.80	
	15	91.9	133.5	7.2	111.40	84.7	24.99	319.00	182.62	2	0.904	137.10	
	16	97.2	138.0	7.2	111.36	90.0	22.20	319.00	185.33	2	0.908	132.05	
	17	81.5	122.5	7.2	111.33	74.3	19.23	319.00	180.45	2	0.911	125.06	
	18	73.8	114.9	7.2	111.28	66.6	16.59	319.00	181.32	2	0.911	117.16	
	19	73.0	111.4	7.2	111.26	65.8	15.08	319.00	182.67	2	0.909	113.97	
	20	68.3	106.2	7.2	111.22	61.1	13.00	319.00	184.78	2	0.904	105.48	
	21	63.4	101.2	7.2	111.19	56.2	11.80	319.00	184.61	2	0.900	100.41	
	22	67.3	101.2	7.2	111.19	60.1	12.58	319.00	185.23	2	0.905	103.83	
	23	74.0	106.2	7.2	111.22	66.8	15.54	319.00	182.34	2	0.910	114.52	
	24	70.1	108.6	7.2	111.24	62.9	13.76	319.00	183.86	2	0.907	108.41	
	25	72.0	114.2	7.2	111.27	64.8	14.62	319.00	183.10	2	0.908	111.41	
	26	81.3	130.1	7.2	111.43	74.3	19.23	319.00	180.34	2	0.911	124.99	
	27	100.4	173.7	10.4	111.64	90.0	28.21	319.02	179.17	2	0.899	141.94	
	28	114.7	196.4	24.7	111.76	90.0	28.21	319.09	179.12	2	0.898	141.91	
	29	113.8	191.5	23.8	111.74	90.0	28.21	319.08	179.13	2	0.898	141.92	
	30	98.6	170.8	8.6	111.63	90.0	28.21	319.01	179.18	2	0.898	141.95	
	31	88.2	170.4	7.2	111.52	81.0	22.95	319.00	184.62	2	0.909	132.09	131.65
Sep.	1	81.5	139.1	7.2	111.43	74.3	19.23	319.00	180.34	2	0.911	124.99	
	2	75.0	131.5	7.2	111.40	68.6	16.59	319.00	181.21	2	0.911	117.09	
	3	126.3	206.9	36.9	112.31	90.0	28.21	319.15	178.63	2	0.898	141.80	
	4	535.2	988.4	445.2	113.73	90.0	28.21	320.06	178.13	2	0.899	141.27	
	5	565.0	865.3	475.0	113.60	90.0	28.21	320.11	178.29	2	0.899	141.38	
	6	425.0	655.2	335.0	113.20	90.0	28.21	319.66	178.46	2	0.899	141.49	
	7	283.7	434.6	193.7	112.76	90.0	28.21	319.38	178.61	2	0.899	141.58	
	8	230.7	337.7	120.7	112.44	90.0	28.21	319.40	178.76	2	0.899	141.68	
	9	175.3	273.5	83.5	112.16	90.0	28.21	319.30	178.97	2	0.898	141.79	
	10	148.0	234.6	58.0	111.97	90.0	28.21	319.22	179.03	2	0.898	141.84	
	11	129.9	209.7	39.9	111.84	90.0	28.21	319.15	179.10	2	0.898	141.89	
	12	116.7	188.5	26.7	111.73	90.0	28.21	319.10	179.17	2	0.898	141.94	
	13	104.3	173.7	14.3	111.64	90.0	28.21	319.04	179.19	2	0.898	141.96	
	14	98.6	159.1	8.6	111.53	90.0	28.21	319.01	179.25	2	0.898	141.99	
	15	91.9	150.6	7.2	111.50	84.7	24.99	319.00	182.51	2	0.908	137.04	
	16	86.3	139.1	7.2	111.43	79.0	21.74	319.00	183.83	2	0.909	130.84	
	17	82.4	130.7	7.2	111.36	75.2	19.69	319.00	187.95	2	0.911	134.19	
	18	76.7	119.7	7.2	111.31	69.5	16.82	319.00	180.87	2	0.911	118.46	
	19	73.8	106.2	7.2	111.22	66.6	16.59	319.00	181.39	2	0.911	117.21	
	20	70.1	103.7	7.2	111.21	62.9	13.76	319.00	184.02	2	0.907	108.43	
	21	65.4	101.2	7.2	111.19	58.2	11.80	319.00	186.01	2	0.900	100.61	
	22	60.7	96.5	7.2	111.16	53.5	9.97	319.00	187.87	2	0.890	92.30	
	23	54.9	93.0	7.2	111.14	49.7	8.60	319.00	189.36	2	0.878	85.34	
	24	53.1	83.9	7.2	111.07	47.9	7.99	319.00	189.94	2	0.873	81.98	
	25	54.9	89.0	7.2	111.11	49.7	8.60	319.00	189.29	2	0.879	85.35	
	26	57.8	93.0	7.2	111.14	50.6	8.92	319.00	188.94	2	0.882	87.61	
	27	53.2	86.3	7.2	111.09	45.0	7.05	319.00	200.86	2	0.843	76.43	
	28	47.5	81.7	7.2	111.06	40.3	5.64	319.00	202.28	2	0.843	67.31	
	29	51.3	77.3	7.2	111.03	44.1	6.77	319.00	201.20	2	0.839	74.73	
	30	49.4	79.5	7.2	111.04	42.3	6.20	319.00	201.75	2	0.851	71.03	
													116.76

Date		Discharge Dam (cms)	Discharge Pdl (cms)	RMF or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Efficie ncy	Output MW	Monthly Ave. MW
Oct.	1	111.8	114.2	21.8	111.27	90.00	28.21	319.00	179.00	2	0.898	142.00	
	2	80.6	129.2	7.2	111.34	73.40	14.76	319.00	180.80	2	0.912	127.86	
	3	60.7	96.3	7.2	111.15	53.50	8.57	319.00	187.87	2	0.880	93.52	
	4	51.3	81.7	7.2	111.04	44.10	6.77	319.00	201.17	2	0.838	74.71	
	5	48.6	68.5	7.2	110.97	39.40	5.61	319.00	202.62	1	0.900	70.41	
	6	43.8	64.1	7.2	110.94	36.60	4.67	319.00	202.39	1	0.898	66.27	
	7	41.9	61.9	7.2	110.93	34.70	4.19	319.00	203.04	1	0.911	63.17	
	8	40.0	58.1	7.2	110.90	33.50	3.75	319.00	204.35	1	0.911	59.67	
	9	40.0	61.9	7.2	110.93	32.80	3.75	319.00	204.35	1	0.911	59.56	
	10	41.9	66.3	7.2	110.96	34.70	4.19	319.00	203.85	1	0.911	63.16	
	11	43.8	72.0	7.2	111.00	36.60	4.67	319.00	203.33	1	0.908	66.35	
	12	47.5	114.2	7.2	111.27	40.30	5.64	319.00	202.07	2	0.842	67.32	
	13	109.3	142.0	13.3	111.45	90.00	28.21	319.04	179.36	2	0.898	142.00	
	14	88.2	132.5	7.2	111.33	81.00	23.08	319.00	181.82	2	0.908	135.29	
	15	68.6	93.8	7.2	111.14	60.30	11.80	319.00	194.06	2	0.905	109.63	
	16	47.5	77.3	7.2	111.03	40.30	5.86	319.00	202.31	2	0.843	67.32	
	17	44.7	68.5	7.2	110.97	37.50	4.80	319.00	203.13	1	0.906	67.45	
	18	43.8	68.5	7.2	110.97	36.60	4.67	319.00	203.36	1	0.908	66.36	
	19	42.8	64.1	7.2	110.94	35.80	4.41	319.00	203.65	1	0.910	64.84	
	20	39.1	61.9	7.2	110.93	30.90	3.33	319.00	204.75	1	0.909	56.37	
	21	41.9	64.1	7.2	110.94	34.70	4.19	319.00	203.87	1	0.911	63.17	
	22	47.5	70.7	7.2	110.99	40.30	5.66	319.00	202.56	2	0.843	67.34	
	23	41.9	61.9	7.2	110.93	34.70	4.19	319.00	203.86	1	0.911	63.17	
	24	36.4	56.2	7.2	110.90	29.20	2.97	319.00	205.14	1	0.903	53.13	
	25	33.7	52.4	7.2	110.86	26.50	2.45	319.00	205.69	1	0.894	47.76	
	26	32.0	48.6	7.2	110.83	24.80	2.14	319.00	206.02	1	0.884	44.20	
	27	30.3	52.4	7.2	110.86	23.10	1.86	319.00	206.26	1	0.873	40.73	
	28	28.6	48.6	7.2	110.83	21.40	1.59	319.00	206.57	1	0.859	37.35	
	29	31.2	48.6	7.2	110.83	24.00	2.01	319.00	206.16	1	0.879	42.48	
	30	28.6	48.6	7.2	110.83	21.40	1.59	319.00	206.57	1	0.859	37.35	
	31	41.0	56.2	7.2	110.89	33.80	3.98	319.00	204.14	1	0.912	61.64	
Nov.	1	42.6	68.5	7.2	110.97	35.60	4.41	319.00	203.82	1	0.910	64.66	
	2	53.2	79.5	7.2	111.04	44.00	7.57	319.00	200.59	2	0.867	78.77	
	3	53.2	75.1	7.2	111.01	44.00	7.57	319.00	200.62	2	0.867	78.79	
	4	41.9	70.7	7.2	110.99	34.70	4.19	319.00	203.82	1	0.911	63.15	
	5	34.7	60.0	7.2	110.91	27.50	2.63	319.00	204.45	1	0.899	49.76	
	6	32.0	52.4	7.2	110.86	24.80	2.14	319.00	206.00	1	0.884	44.20	
	7	30.3	50.5	7.2	110.85	23.10	1.86	319.00	206.26	1	0.873	40.73	
	8	28.6	48.6	7.2	110.83	21.40	1.59	319.00	206.57	1	0.859	37.35	
	9	31.2	48.6	7.2	110.83	24.00	2.01	319.00	206.16	1	0.879	42.48	
	10	32.0	44.9	7.2	110.81	24.80	2.14	319.00	205.88	1	0.890	44.14	
	11	30.4	44.9	7.2	110.81	23.20	1.72	319.00	206.68	1	0.866	39.88	
	12	27.0	44.8	7.2	110.81	19.80	1.27	319.00	206.83	1	0.844	33.85	
	13	25.4	42.9	7.2	110.79	18.20	1.15	319.00	207.00	1	0.826	30.52	
	14	24.5	42.9	7.2	110.79	17.30	1.04	319.00	207.16	1	0.816	28.66	
	15	26.1	41.4	7.2	110.78	18.90	1.24	319.00	206.97	1	0.834	31.58	
	16	24.5	36.2	7.2	110.76	17.30	1.04	319.00	207.20	1	0.816	28.66	
	17	26.1	39.7	7.2	110.77	18.90	1.24	319.00	206.98	1	0.834	31.58	
	18	30.3	44.8	7.2	110.81	23.10	1.86	319.00	206.33	1	0.873	40.76	
	19	28.6	44.7	7.2	110.82	21.40	1.59	319.00	206.58	1	0.859	37.20	
	20	31.2	48.6	7.2	110.83	24.00	2.01	319.00	206.16	1	0.879	42.45	
	21	41.0	56.2	7.2	110.89	33.80	3.98	319.00	204.14	1	0.912	61.64	
	22	84.3	86.8	7.2	111.11	77.10	20.70	319.00	197.19	2	0.910	126.76	
	23	118.5	170.1	28.5	111.55	90.00	28.21	319.11	179.35	2	0.898	142.00	
	24	90.9	144.9	7.2	111.47	83.70	24.40	319.00	183.15	2	0.906	136.03	
	25	69.2	101.2	7.2	111.19	62.00	13.38	319.00	194.42	2	0.906	104.98	
	26	54.9	77.3	7.2	111.03	49.70	8.60	319.00	199.37	2	0.879	85.79	
	27	42.8	68.5	7.2	110.97	35.60	4.41	319.00	203.43	1	0.910	64.66	
	28	39.1	56.2	7.2	110.89	31.80	3.54	319.00	204.57	1	0.911	58.24	
	29	33.7	48.6	7.2	110.83	26.50	2.45	319.00	205.72	1	0.894	47.77	
	30	32.0	44.7	7.2	110.82	24.80	2.14	319.00	206.04	1	0.884	44.20	
													75.87
Dec.	1	33.9	44.7	7.2	110.82	23.70	2.30	319.00	205.84	1	0.880	44.34	
	2	30.4	128.0	7.2	111.56	43.20	6.50	319.00	201.14	2	0.838	72.93	
	3	168.5	295.1	78.5	113.23	90.00	28.21	319.28	178.82	2	0.900	141.72	
	4	328.0	590.0	238.0	113.62	90.00	28.21	319.47	178.64	2	0.900	141.73	
	5	238.9	377.7	148.9	113.44	90.00	28.21	319.47	178.83	2	0.899	141.72	
	6	144.1	218.8	54.1	111.89	90.00	28.21	319.31	179.11	2	0.898	141.90	
	7	126.0	185.5	36.0	111.71	90.00	28.21	319.13	179.23	2	0.898	141.98	
	8	113.8	162.0	23.8	111.57	90.00	28.21	319.00	179.30	2	0.898	142.00	
	9	92.9	133.3	7.2	111.40	85.70	23.58	319.00	182.02	2	0.903	138.15	
	10	74.0	111.4	7.2	111.26	66.80	15.54	319.00	182.20	2	0.910	114.50	
	11	64.5	97.8	7.2	111.14	57.30	11.43	319.00	196.43	2	0.898	99.08	
	12	71.1	103.7	7.2	111.21	63.90	14.22	319.00	193.57	2	0.906	110.03	
	13	68.3	111.4	7.2	111.26	61.10	13.08	319.00	194.74	2	0.904	108.44	
	14	54.1	77.3	7.2	111.03	44.90	7.66	319.00	200.31	2	0.870	88.10	
	15	44.7	61.9	7.2	110.93	37.50	4.80	319.00	203.13	1	0.906	67.46	
	16	39.1	58.1	7.2	110.90	31.80	3.54	319.00	204.36	1	0.911	58.24	
	17	38.1	60.0	7.2	110.91	30.90	3.33	319.00	204.76	1	0.908	56.38	
	18	36.4	56.2	7.2	110.89	28.20	2.97	319.00	205.16	1	0.903	53.13	
	19	33.7	52.4	7.2	110.86	26.50	2.45	319.00	205.69	1	0.894	47.76	
	20	30.3	50.5	7.2	110.85	23.10	1.86	319.00	206.26	1	0.873	40.75	
	21	28.6	44.7	7.2	110.82	21.40	1.59	319.00	206.58	1	0.859	37.20	
	22	27.0	44.8	7.2	110.81	19.80	1.27	319.00	206.83	1	0.844	33.85	
	23	34.1	42.9	7.2	110.79	18.40	1.34	319.00	206.96	1	0.824	31.97	
	24	25.4	41.4	7.2	110.78	18.20	1.15	319.00	207.06	1	0.826	30.52	
	25	24.5	39.7	7.2	110.77	17.30	1.04	319.00	207.19	1	0.816	28.66	
	26	47.5	79.5	7.2	111.04	40.30	5.66	319.00	202.30	2	0.843	67.32	
	27	63.5	106.2	7.2	111.22	54.30	11.04	319.00	196.74	2	0.896	97.38	
	28	44.7	86.5	7.2	111.09	37.50	4.80	319.00	203.01	1	0.906	67.42	
	29	34.7	66.3	7.2	110.94	27.50	2.63	319.00	205.41	1	0.900	49.75	
	30	38.1	60.0	7.2	110.91	30.90	3.33	319.00	204.76	1	0.908	56.38	
	31	44.6	70.7	7.2	110.99	39.40	5.41	319.00	203.61	1	0.900	70.40	81.04

POWER GENERATION SIMULATION

Year : 1956

Dam Axis B
F.S.L.= 319.00 m

Rated Head : 179.30 m
Max. Plant Discharge : 90.00 cms

Installed Capacity : 142.0 MW

Date		Discharge Dem (cms)	Discharge Fill (cms)	RMP or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Efficie ncy	Output MW	Monthl y Ave. MW
Jan.	1	39.1	44.3	7.2	110.56	31.9	5.54	319.00	204.90	1	0.911	58.22	
	2	51.2	56.3	7.2	110.89	24.0	3.01	319.00	206.11	1	0.879	42.42	
	3	57.5	62.6	7.2	110.83	18.8	1.57	319.00	206.80	1	0.843	33.15	
	4	54.5	43.9	7.2	110.79	17.3	1.04	319.00	207.16	1	0.816	28.46	
	5	54.1	43.4	7.2	110.76	18.9	1.24	319.00	206.97	1	0.834	31.98	
	6	58.1	70.7	7.2	110.99	30.9	3.33	319.00	204.69	1	0.909	56.36	
	7	32.9	44.3	7.2	110.84	23.7	2.30	319.00	205.74	1	0.860	46.11	
	8	32.9	61.9	7.2	110.83	23.7	2.30	319.00	205.77	1	0.860	46.11	
	9	28.4	64.8	7.2	111.11	43.2	6.50	319.00	201.59	2	0.856	72.84	
	10	54.9	81.7	7.2	111.06	46.7	8.63	319.00	199.54	2	0.879	85.35	
	11	42.8	61.9	7.2	110.93	33.4	4.61	319.00	203.66	1	0.910	64.47	
	12	33.9	54.3	7.2	110.90	23.7	2.30	319.00	205.81	1	0.860	46.13	
	13	29.4	48.6	7.2	110.83	22.2	1.72	319.00	206.43	1	0.866	38.97	
	14	37.0	42.9	7.2	110.79	18.8	1.57	319.00	206.84	1	0.844	32.66	
	15	38.6	42.8	7.2	110.79	21.4	1.99	319.00	206.61	1	0.859	37.21	
	16	39.1	50.5	7.2	110.85	31.9	5.54	319.00	204.61	1	0.911	58.25	
	17	45.8	54.2	7.2	110.90	34.6	4.67	319.00	203.45	1	0.908	64.20	
	18	41.9	61.9	7.2	110.93	34.7	4.19	319.00	203.86	1	0.911	63.17	
	19	82.4	88.8	7.2	111.11	73.2	19.69	319.00	198.20	2	0.911	126.57	
	20	137.5	144.9	42.5	111.47	90.0	28.21	319.18	179.51	2	0.888	142.00	
	21	107.2	167.8	17.2	111.61	90.0	28.21	319.06	179.34	2	0.888	141.99	
	22	140.9	170.8	59.0	111.62	90.0	28.21	319.23	179.39	2	0.888	142.00	
	23	234.1	309.4	164.1	112.30	90.0	28.21	319.51	179.00	2	0.888	141.84	
	24	498.2	595.0	408.2	113.13	90.0	28.21	320.00	178.66	2	0.889	141.61	
	25	334.9	427.1	244.9	112.74	90.0	28.21	319.69	178.74	2	0.889	141.67	
	26	236.6	319.7	150.6	112.34	90.0	28.21	319.30	178.95	2	0.888	141.80	
	27	217.7	283.3	127.7	112.21	90.0	28.21	319.42	179.00	2	0.888	141.84	
	28	297.6	372.8	207.6	112.56	90.0	28.21	319.61	178.83	2	0.889	141.73	
	29	372.7	531.8	282.7	113.00	90.0	28.21	319.76	178.56	2	0.889	141.55	
	30	431.0	631.1	341.0	113.19	90.0	28.21	319.88	178.48	2	0.889	141.50	
	31	350.2	548.7	260.2	113.11	90.0	28.21	319.73	178.59	2	0.889	141.57	84.32
Feb.	1	314.9	449.8	226.9	112.80	90.0	28.21	319.63	178.64	2	0.889	141.60	
	2	353.8	459.9	265.8	113.72	90.0	28.21	319.72	178.80	2	0.889	141.71	
	3	333.5	387.3	245.5	112.61	90.0	28.21	319.60	178.86	2	0.889	141.75	
	4	223.9	293.1	145.9	112.35	90.0	28.21	319.46	179.00	2	0.888	141.83	
	5	180.2	228.1	99.2	111.84	90.0	28.21	319.34	179.19	2	0.888	141.96	
	6	141.3	185.5	51.3	111.71	90.0	28.21	319.20	179.28	2	0.888	142.00	
	7	118.5	156.3	28.5	111.54	90.0	28.21	319.11	179.36	2	0.888	142.00	
	8	109.9	142.0	19.0	111.45	90.0	28.21	319.07	179.41	2	0.888	142.00	
	9	161.6	203.6	71.6	111.81	90.0	28.21	319.26	179.24	2	0.888	141.99	
	10	189.2	244.3	99.2	112.02	90.0	28.21	319.34	179.11	2	0.888	141.90	
	11	166.2	212.7	54.2	111.84	90.0	28.21	319.21	179.14	2	0.888	141.92	
	12	136.7	182.6	44.7	111.69	90.0	28.21	319.17	179.27	2	0.888	142.00	
	13	130.8	197.5	40.9	111.78	90.0	28.21	319.14	179.17	2	0.888	141.94	
	14	160.6	202.3	70.6	111.79	90.0	28.21	319.26	179.24	2	0.888	142.00	
	15	167.6	228.1	77.6	111.94	90.0	28.21	319.28	179.13	2	0.888	141.92	
	16	150.9	200.5	60.9	111.79	90.0	28.21	319.23	179.23	2	0.888	141.98	
	17	117.6	163.0	27.6	111.57	90.0	28.21	319.11	179.32	2	0.888	142.00	
	18	94.8	138.1	7.2	111.43	87.6	24.73	319.00	180.84	2	0.901	139.90	
	19	80.6	114.2	7.2	111.27	73.4	18.76	319.00	180.96	2	0.892	123.90	
	20	77.7	106.2	7.2	111.22	70.5	17.31	319.00	180.47	2	0.911	119.95	
	21	69.3	98.7	7.2	111.17	62.0	13.39	319.00	181.44	2	0.906	106.99	
	22	61.7	91.3	7.2	111.12	54.5	10.34	319.00	197.53	3	0.982	94.14	
	23	70.1	96.3	7.2	111.16	62.9	13.78	319.00	194.06	2	0.907	108.46	
	24	92.9	114.2	7.2	111.27	85.7	23.58	319.00	182.15	2	0.900	138.18	
	25	91.9	114.2	7.2	111.27	84.7	24.98	319.00	182.74	2	0.904	137.18	
	26	78.6	106.2	7.2	111.22	72.4	18.26	319.00	180.52	2	0.912	122.59	
	27	98.6	135.2	8.6	111.34	90.0	28.21	319.01	179.46	2	0.898	142.00	
	28	84.8	122.5	7.2	111.33	87.6	24.73	319.00	180.95	2	0.901	139.97	
	29	71.9	116.9	7.2	111.29	64.7	14.58	319.00	180.13	2	0.908	111.24	
													134.38
Mar.	1	68.2	96.3	7.2	111.16	63.0	13.39	319.00	194.46	3	0.906	107.00	
	2	57.8	86.3	7.2	111.09	50.6	8.92	319.00	198.99	2	0.842	87.04	
	3	51.3	77.3	7.2	111.03	44.1	6.77	319.00	201.20	2	0.859	74.72	
	4	41.9	68.5	7.2	110.97	34.7	4.19	319.00	203.84	1	0.911	63.16	
	5	41.0	40.0	7.2	110.91	33.8	3.98	319.00	204.11	1	0.912	61.63	
	6	43.8	40.0	7.2	110.91	36.6	4.67	319.00	203.42	1	0.908	66.28	
	7	38.1	58.1	7.2	110.90	30.9	3.33	319.00	204.76	1	0.909	56.38	
	8	35.5	54.3	7.2	110.87	28.3	2.79	319.00	205.34	1	0.902	51.37	
	9	33.7	50.5	7.2	110.85	26.5	2.45	319.00	205.71	1	0.894	47.77	
	10	32.9	50.5	7.2	110.85	25.7	2.30	319.00	205.83	1	0.890	46.13	
	11	32.0	44.6	7.2	110.83	24.8	2.14	319.00	206.02	1	0.884	44.29	
	12	32.0	50.5	7.2	110.85	24.8	2.14	319.00	206.01	1	0.884	44.28	
	13	37.2	54.3	7.2	110.87	30.0	3.13	319.00	204.99	1	0.907	54.68	
	14	52.1	77.3	7.2	111.03	47.9	7.99	319.00	199.84	2	0.879	82.00	
	15	62.5	96.3	7.2	111.16	55.3	10.65	319.00	197.19	2	0.895	95.55	
	16	50.4	81.7	7.2	111.06	43.2	6.50	319.00	201.44	2	0.856	72.97	
	17	49.0	66.3	7.2	110.96	53.8	3.75	319.00	204.30	1	0.911	59.85	
	18	56.0	72.9	7.2	111.00	48.8	8.29	319.00	199.71	2	0.877	83.72	
	19	68.2	101.2	7.2	111.19	62.0	13.39	319.00	194.62	2	0.906	106.98	
	20	62.5	105.7	7.2	111.21	53.3	10.65	319.00	197.14	2	0.894	95.53	
	21	47.5	81.7	7.2	111.06	40.3	5.66	319.00	202.38	2	0.843	67.31	
	22	38.1	66.3	7.2	110.96	31.9	3.54	319.00	204.50	1	0.911	58.22	
	23	30.4	70.7	7.2	110.99	43.2	6.50	319.00	201.53	2	0.856	73.00	
	24	55.1	79.5	7.2	111.04	47.9	7.99	319.00	199.56	2	0.874	82.00	
	25	47.5	96.3	7.2	111.16	40.3	5.66	319.00	202.19	2	0.842	67.27	
	26	44.7	72.9	7.2	111.00	37.5	4.99	319.00	203.10	1	0.906	67.64	
	27	47.5	68.5	7.2	110.97	40.3	5.66	319.00	202.37	2	0.843	67.35	
	28	56.0	79.5	7.2	111.04	48.8	8.29	319.00	199.66	2	0.877	83.70	
	29	85.3	101.2	7.2	111.19	78.1	21.24	319.00	186.57	2	0.919	128.93	
	30	148.0	176.7	90.0	111.46	90.0	28.21	319.22	179.35	2	0.888	142.00	
	31	117.6	167.8	27.6	111.61	90.0	28.21	319.11	179.29	2	0.888	142.00	76.83

Date		Discharge Dem (cms)	Discharge Fill (cms)	RMP or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Efficie ncy	Output MW	Monthl y Ave. MW
Apr.	1	103.5	142.0	13.5	111.45	90.00	28.21	319.04	179.36	2	0.888	142.00	
	2	91.9	130.7	7.2	111.35	84.70	24.89	319.00	182.64	2	0.904	137.12	
	3	75.8	108.6	7.2	111.24	68.60	14.39	319.00	191.37	2	0.911	117.20	
	4	63.5	91.3	7.2	111.13	56.30	11.04	319.00	196.84	2	0.886	97.54	
	5	104.7	136.3	104.7	111.41	90.00	28.21	319.36	179.73	2	0.888	142.00	
	6	235.3	347.6	145.3	113.04	90.00	28.21	319.44	179.31	2	0.888	141.97	
	7	138.7	183.6	48.7	111.69	90.00	28.21	319.25	179.35	2	0.888	142.00	
	8	125.2	133.5	35.2	111.45	90.00	28.21	319.14	179.53	2	0.888	142.00	
	9	103.3	135.2	13.5	111.34	90.00	28.21	319.09	179.68	2	0.888	142.00	
	10	104.2	113.5	14.2	111.40	90.00	28.21	319.05	179.65	2	0.888	142.00	
	11	253.3	270.8	163.3	112.04	90.00	28.21	319.31	179.23	2	0.888	141.99	
	12	215.4	286.5	125.4	112.22	90.00	28.21	319.41	179.98	2	0.888	141.82	
	13	146.1	208.6	56.1	111.83	90.00	28.21	319.21	179.18	2	0.888	141.95	
	14	115.7	156.3	25.7	111.54	90.00	28.21	319.10	179.33	2	0.888	142.00	
	15	93.8	138.0	7.2	111.36	86.60	24.12	319.00	181.52	2	0.902	139.09	
	16	91.9	108.6	7.2	111.24	84.70	24.89	319.00	182.78	2	0.904	137.21	
	17	74.0	84.3	7.2	111.16	66.80	15.94	319.00	182.30	2	0.910	114.54	
	18	67.5	93.8	7.2	111.14	60.10	12.98	319.00	185.26	2	0.903	103.86	
	19	64.5	84.3	7.2	111.09	57.30	11.03	319.00	186.47	2	0.898	99.11	
	20	60.7	83.9	7.2	111.07	53.50	8.97	319.00	187.96	2	0.890	92.37	
	21	59.8	81.7	7.2	111.06	52.60	9.44	319.00	188.30	2	0.888	90.74	
	22	54.0	77.3	7.2	111.03	44.80	8.29	319.00	189.66	2	0.877	83.70	
	23	54.9	73.1	7.2	111.01	48.70	8.40	319.00	189.39	2	0.879	83.49	
	24	57.8	70.7	7.2	110.99	50.60	8.92	319.00	189.10	2	0.882	87.08	
	25	53.1	70.7	7.2	110.99	47.90	7.99	319.00	200.02	2	0.874	82.02	
	26	48.5	70.7	7.2	110.99	41.90	5.94	319.00	202.07	2	0.847	69.30	
	27	53.1	73.1	7.2	111.01	47.90	7.99	319.00	189.99	2	0.874	82.01	
	28	103.9	97.8	93.9	112.56	90.00	28.21	319.53	179.56	2	0.889	141.53	
	29	130.0	270.3	60.0	113.15	90.00	28.21	319.53	179.87	2	0.890	141.73	
	30	104.3	182.4	14.3	111.69	90.00	28.21	319.04	179.14	2	0.888	141.50	
													120.17
May	1	78.7	136.3	7.2	111.41	71.50	17.80	319.00	180.78	2	0.912	121.21	
	2	73.8	133.5	7.2	111.40	68.40	16.39	319.00	191.21	2	0.911	117.09	
	3	77.7	133.4	7.2	111.53	70.50	17.31	319.00	180.17	2	0.911	119.73	
	4	70.1	130.7	7.2	111.38	62.80	13.78	319.00	183.84	2	0.907	108.32	
	5	109.0	133.7	19.0	112.34	90.00	28.21	319.07	178.52	2	0.888	141.33	
	6	238.8	437.4	108.8	112.82	90.00	28.21	319.52	178.49	2	0.889	141.51	
	7	218.9	340.0	128.9	112.47	90.00	28.21	319.42	178.74	2	0.889	141.67	
	8	240.5	437.4	172.3	112.82	90.00	28.21	319.53	178.50	2	0.889	141.51	
	9	308.9	548.3	239.9	113.09	90.00	28.21	319.63	178.39	2	0.889	141.45	
	10	322.4	540.1	252.4	113.02	90.00	28.21	319.66	178.44	2	0.889	141.47	
	11	277.7	448.9	187.7	112.83	90.00	28.21	319.56	178.50	2	0.889	141.52	
	12	208.5	327.4	189.5	112.40	90.00	28.21	319.40	178.79	2	0.889	141.79	
	13	167.6	273.5	77.6	112.16	90.00	28.21	319.28	178.91	2	0.888	141.78	
	14	141.3	228.1	51.3	111.94	90.00	28.21	319.20	179.05	2	0.888	141.86	
	15	121.3	194.4	51.3	111.76	90.00	28.21	319.12	179.15	2	0.888	141.93	
	16	106.3	170.8	16.3	111.62	90.00	28.21	319.05	179.22	2	0.888	141.97	
	17	94.8	150.6	7.2	111.50	87.60	24.73	319.00	180.77	2	0.901	139.86	
	18	84.2	136.3	7.2	111.41	78.00	21.74	319.00	183.85	2	0.902	130.85	
	19	77.7	122.5	7.2	111.33	70.50	17.51	319.00	190.34	2	0.911	119.86	
	20	70.1	111.4	7.2	111.26	62.80	13.78	319.00	195.97	2	0.907	108.40	
	21	76.7	114.2	7.2	111.27	69.50	16.82	319.00	190.90	2	0.911	118.48	
	22	104.3	143.0	14.3	111.45	90.00	24.21	319.04	179.30	2	0.888	142.00	
	23	78.6	123.2	7.2	111.34	72.40	18.26	319.00	180.40	2	0.912	122.51	
	24	67.3	105.7	7.2	111.21	60.10	12.98	319.00	195.21	2	0.903	107.82	
	25	61.7	94.3	7.2	111.16	54.50	10.34	319.00	197.30	2	0.893	94.13	
	26	58.8	91.3	7.2	111.12	51.60	9.27	319.00	198.60	2	0.885	88.07	
	27	54.0	86.3	7.2	111.09	48.80	8.30	319.00	199.62	2	0.876	83.67	
	28	52.2	81.7	7.2	111.06	45.00	7.05	319.00	200.89	2	0.863	76.43	
	29	49.4	79.5	7.2	111.04	42.20	6.20	319.00	201.75	2	0.851	71.05	
	30	44.3	77.3	7.2	111.03	41.30	5.94	319.00	202.03	2	0.847	69.28	
	31	47.5	77.3	7.2	111.03	40.30	5.66	319.00	202.31	2	0.843	67.32	119.47
Jun.	1	47.5	77.3	7.2	111.03	40.30	5.66	319.00	202.31	2	0.843	67.32	
	2	44.6	77.3	7.2	111.03	39.40	5.41	319.00	202.56	1	0.900	70.99	
	3	43.8	72.9	7.2	111.00	36.60	4.67	319.00	203.33	1	0.908	66.25	
	4	42.8	68.5	7.2	110.97	35.80	4.41	319.00	203.62	1	0.910	64.66	
	5	41.0	68.5	7.2	110.97	33.80	3.98	319.00	204.05	1	0.912	61.62	
	6	43.8	64.1	7.2	110.94	35.80	4.41	319.00	203.63	1	0.910	64.66	
	7	38.1	60.0	7.2	110.91	30.90	3.33	319.00	204.76	1	0.909	56.38	
	8	35.5	58.1	7.2	110.90	28.30	2.79	319.00	205.31	1	0.902	51.36	
	9	33.7	58.1	7.2	110.90	26.50	2.45	319.00	205.66	1	0.894	47.75	
	10	34.7	58.1	7.2	110.90	27.50	2.63	319.00	205.47	1	0.899	49.77	
	11	36.4	61.9	7.2	110.93	29.30	2.97	319.00	205.11	1	0.905	53.12	
	12	37.2	61.9	7.2	110.93	30.00	3.13	319.00	204.94	1	0.907	54.66	
	13	35.5	61.9	7.2	110.93	28.30	2.79	319.00	205.29	1	0.902	51.35	
	14	34.7	60.0	7.2	110.91	27.50	2.63	319.00	205.45	1	0.899	49.76	
	15	70.1	101.2	7.2	111.19	62.80	13.78	319.00	194.03	2	0.907	108.44	
	16	132.8	185.5	42.8	111.71	90.00	28.21	319.17	179.25	2	0.888	141.99	
	17	102.3	179.6	12.3	111.47	90.00	28.21	319.03	179.13	2	0.888	141.93	
	18	79.6	136.3	7.2	111.41	72.40	18.26	319.00	180.33	2	0.912	122.46	
	19	62.5	105.7	7.2	111.21	55.30	10.65	319.00	197.14	2	0.894	95.53	
	20	54.1	93.8	7.2	111.14	46.90	7.66	319.00	200.30	2	0.870	80.05	
	21	48.5	81.7	7.2	111.06	41.30	5.94	319.00	202.00	2	0.847	69.27	
	22	44.7	75.1	7.2	111.01	37.50	4.80	319.00	203.09	1	0.906	67.64	
	23	43.8	75.1	7.2	111.01	36.60	4.67	319.00	203.32	1	0.908	66.25	
	24	62.5	91.3	7.2	111.12	55.30	10.65	319.00	197.25	2	0.894	95.57	
	25	84.2	111.4	7.2	111.26	78.00	21.74	319.00	186.01	2	0.908	130.95	
	26	94.8	132.5	7.2	111.33	87.60	24.73	319.00	180.95	2	0.901	139.97	
	27	68.3	139.1	7.2	111.43	61.10	13.00	319.00	194.37	2	0.904	105.35	
	28	63.5	125.2	7.2	111.34	56.30	11.04	319.00	196.62	2	0.896	97.21	
	29	54.9	111.4	7.2	111.26	49.70	8.40	319.00	199.14	2	0.879	83.28	
	30	52.2	98.7	7.2	111.17	45.00	7.05	319.00	200.77	2	0.863	76.39	
													81.11

POWER GENERATION SIMULATION

Dam Axis B — Head Head : 179.30 m — Installed Capacity : 142.0 MW

Year : 1956 — F.S.L. = 319.00 m — Min. Plan Discharge : 90.00 cms

Date		Discharge Dam (cms)	Discharge P/H (cms)	R/O or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Efficiency	Output MW	Monthly Ave. MW
Jul.	1	49.4	98.8	7.2	111.11	42.2	6.30	319.00	201.69	2	0.851	71.52	
	2	47.5	83.9	7.2	111.07	40.3	5.66	319.00	202.27	2	0.843	67.31	
	3	45.7	81.7	7.2	111.06	38.5	5.16	319.00	203.76	1	0.905	68.11	
	4	45.5	79.3	7.2	111.04	41.3	5.94	319.00	202.01	2	0.847	69.37	
	5	108.1	170.9	18.1	111.62	90.0	23.31	319.04	179.23	2	0.996	141.86	
	6	96.7	173.7	7.2	111.64	89.5	27.90	319.03	179.46	2	0.959	141.49	
	7	75.8	139.1	7.2	111.43	68.6	14.39	319.00	191.18	2	0.911	117.07	
	8	65.4	116.9	7.2	111.29	54.2	11.80	319.00	197.91	2	0.903	100.55	
	9	57.8	101.2	7.2	111.19	50.6	8.82	319.00	198.89	2	0.882	86.99	
	10	53.2	93.0	7.2	111.14	44.0	7.37	319.00	200.49	2	0.867	78.33	
	11	50.4	86.3	7.2	111.08	43.2	6.30	319.00	201.41	2	0.856	73.95	
	12	47.5	81.7	7.2	111.06	40.3	5.66	319.00	202.28	2	0.843	67.31	
	13	44.7	77.3	7.2	111.03	37.5	4.90	319.00	203.07	1	0.906	67.65	
	14	43.7	75.1	7.2	111.01	36.5	5.16	319.00	203.82	1	0.909	68.13	
	15	40.7	68.0	7.2	111.11	33.5	9.97	319.00	197.82	2	0.880	62.35	
	16	40.7	66.5	7.2	111.16	33.5	9.97	319.00	197.87	2	0.880	62.32	
	17	50.4	86.8	7.2	111.13	43.2	6.30	319.00	201.39	2	0.856	73.94	
	18	44.6	78.5	7.2	111.04	38.4	5.41	319.00	202.35	1	0.903	70.38	
	19	44.7	72.9	7.2	111.00	37.5	4.90	319.00	203.10	1	0.906	67.64	
	20	42.8	70.7	7.2	110.98	35.6	4.41	319.00	203.80	1	0.910	64.65	
	21	39.1	64.3	7.2	110.96	31.9	3.54	319.00	204.50	1	0.911	58.22	
	22	37.2	61.9	7.2	110.95	30.0	3.15	319.00	204.84	1	0.907	54.66	
	23	37.2	61.9	7.2	110.95	30.0	3.15	319.00	204.84	1	0.907	54.66	
	24	37.2	61.9	7.2	110.95	30.0	3.15	319.00	204.84	1	0.907	54.66	
	25	37.3	61.9	7.2	110.95	30.0	3.15	319.00	204.84	1	0.907	54.66	
	26	34.7	60.0	7.2	110.91	27.5	2.63	319.00	205.45	1	0.899	49.76	
	27	32.0	58.1	7.2	110.90	24.8	2.14	319.00	205.96	1	0.864	44.27	
	28	38.1	56.1	7.2	110.90	32.9	3.55	319.00	204.78	1	0.908	54.38	
	29	45.7	68.5	7.2	110.97	38.5	5.16	319.00	202.87	1	0.903	68.13	
	30	39.1	70.7	7.2	110.99	31.9	2.54	319.00	204.47	1	0.911	58.21	
	31	46.4	92.8	7.2	111.14	79.2	12.21	319.00	195.65	2	0.932	102.51	75.40
Aug.	1	109.0	185.3	18.9	111.71	90.0	23.31	319.07	179.15	2	0.998	141.95	
	2	130.9	231.8	40.9	111.91	90.0	23.31	319.16	179.04	2	0.998	141.86	
	3	115.7	197.5	25.7	111.78	90.0	23.31	319.10	179.11	2	0.998	141.90	
	4	153.8	228.1	63.8	111.94	90.0	23.31	319.24	179.00	2	0.995	141.89	
	5	121.3	191.5	31.3	111.74	90.0	23.31	319.13	179.17	2	0.998	141.94	
	6	109.3	198.1	15.3	111.55	90.0	23.31	319.06	179.27	2	0.998	142.00	
	7	85.3	139.1	7.2	111.43	78.1	21.24	319.00	186.35	2	0.910	129.77	
	8	78.7	125.2	7.2	111.34	71.5	17.80	319.00	189.85	2	0.912	121.27	
	9	71.1	114.2	7.2	111.27	63.9	14.32	319.00	193.51	2	0.908	108.99	
	10	75.8	114.2	7.2	111.27	68.6	14.39	319.00	191.34	2	0.911	117.17	
	11	64.3	104.2	7.2	111.22	57.3	11.43	319.00	196.34	2	0.898	99.05	
	12	62.5	98.7	7.2	111.17	55.5	10.65	319.00	197.18	2	0.894	93.54	
	13	58.8	93.0	7.2	111.14	51.6	9.27	319.00	198.99	2	0.885	86.86	
	14	53.2	86.3	7.2	111.09	44.9	7.37	319.00	200.54	2	0.867	78.35	
	15	52.3	81.7	7.2	111.06	45.0	7.05	319.00	200.90	2	0.863	76.65	
	16	47.5	77.3	7.2	111.03	40.3	5.66	319.00	202.31	2	0.843	67.32	
	17	44.7	70.7	7.2	110.99	37.5	4.90	319.00	203.12	1	0.906	67.65	
	18	42.8	70.7	7.2	110.99	35.6	4.41	319.00	203.80	1	0.910	64.65	
	19	41.0	68.5	7.2	110.97	33.8	3.98	319.00	204.05	1	0.912	61.42	
	20	101.4	125.2	11.4	111.34	90.0	23.31	319.01	179.47	2	0.998	142.00	
	21	183.8	230.8	93.8	112.04	90.0	23.31	319.37	179.06	2	0.999	141.87	
	22	152.8	218.8	62.8	111.99	90.0	23.31	319.23	179.13	2	0.998	141.92	
	23	137.5	228.1	47.5	111.94	90.0	23.31	319.18	179.05	2	0.998	141.85	
	24	128.0	212.7	38.0	111.86	90.0	23.31	319.13	179.08	2	0.999	141.88	
	25	102.3	170.8	12.3	111.62	90.0	23.31	319.05	179.30	2	0.998	141.96	
	26	86.2	144.9	7.2	111.47	79.0	21.74	319.00	185.80	2	0.908	130.83	
	27	75.8	125.2	7.2	111.34	68.6	14.39	319.00	191.37	2	0.911	117.13	
	28	68.3	111.4	7.2	111.26	61.1	13.05	319.00	194.74	2	0.904	105.66	
	29	63.5	105.2	7.2	111.19	55.3	10.65	319.00	197.16	2	0.894	93.53	
	30	57.8	93.6	7.2	111.14	50.6	8.82	319.00	198.94	2	0.882	87.01	
	31	54.1	94.7	7.2	111.09	44.9	7.46	319.00	200.25	2	0.870	80.07	112.90
Sep.	1	50.4	83.9	7.2	111.07	43.2	6.30	319.00	201.43	2	0.854	72.96	
	2	44.6	73.9	7.2	111.00	39.4	5.41	319.00	202.39	1	0.903	70.40	
	3	44.7	66.5	7.2	110.97	37.5	4.90	319.00	203.13	1	0.906	67.65	
	4	41.9	64.1	7.2	110.94	34.7	4.19	319.00	203.87	1	0.911	63.17	
	5	42.8	61.9	7.2	110.93	35.6	4.41	319.00	203.66	1	0.910	64.67	
	6	51.3	75.1	7.2	111.01	44.1	6.77	319.00	201.21	2	0.839	74.75	
	7	89.1	125.2	7.2	111.34	81.9	23.76	319.00	184.30	2	0.907	134.19	
	8	76.7	122.5	7.2	111.33	69.5	14.92	319.00	190.95	2	0.911	118.45	
	9	58.8	101.2	7.2	111.19	51.6	9.27	319.00	198.54	2	0.885	86.86	
	10	64.5	94.3	7.2	111.16	57.3	11.43	319.00	196.41	2	0.898	99.07	
	11	64.5	106.2	7.2	111.22	57.3	11.43	319.00	196.34	2	0.898	99.05	
	12	60.7	101.2	7.2	111.19	53.5	9.97	319.00	197.84	2	0.880	92.31	
	13	54.0	93.8	7.2	111.14	48.8	8.59	319.00	198.57	2	0.876	83.63	
	14	59.8	139.5	7.2	111.40	52.6	9.84	319.00	197.87	2	0.847	90.56	
	15	83.4	221.9	7.2	111.91	76.2	20.22	319.00	186.87	2	0.911	127.12	
	16	223.4	433.5	133.6	112.73	90.0	23.31	319.44	178.90	2	0.998	141.51	
	17	221.2	459.0	131.2	112.68	90.0	23.31	319.43	178.94	2	0.998	141.54	
	18	221.8	394.5	141.8	112.61	90.0	23.31	319.46	178.61	2	0.999	141.58	
	19	598.2	726.7	498.2	113.35	90.0	23.31	320.10	178.54	2	0.998	141.54	
	20	566.7	638.6	476.7	113.32	90.0	23.31	320.11	178.38	2	0.999	141.44	
	21	516.2	701.4	426.2	113.31	90.0	23.31	320.07	178.51	2	0.998	141.52	
	22	601.3	544.3	511.1	113.03	90.0	23.31	319.83	178.58	2	0.998	141.57	
	23	734.1	601.8	154.1	112.66	90.0	23.31	319.56	178.69	2	0.998	141.63	
	24	537.6	693.6	437.6	112.92	90.0	23.31	320.03	178.50	2	0.998	141.77	
	25	543.3	676.3	473.3	113.27	90.0	23.31	320.07	178.60	2	0.999	141.58	
	26	606.7	799.8	516.7	113.47	90.0	23.31	320.18	178.50	2	0.999	141.51	
	27	499.7	672.4	408.7	113.26	90.0	23.31	320.00	178.53	2	0.999	141.53	
	28	577.1	447.9	367.1	112.90	90.0	23.31	319.73	178.62	2	0.999	141.59	
	29	254.1	341.9	164.1	112.53	90.0	23.31	319.51	178.77	2	0.999	141.69	
	30	190.3	280.0	100.3	112.19	90.0	23.31	319.35	178.94	2	0.998	141.80	
													113.69

Date		Discharge Dam (cms)	Discharge P/H (cms)	R/O or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Efficiency	Output MW	Monthly Ave. MW
Oct.	1	143.6	244.5	73.6	112.02	90.00	23.31	319.27	179.04	2	0.998	141.84	
	2	138.4	212.7	44.4	111.86	90.00	23.31	319.19	179.13	2	0.998	141.91	
	3	130.9	191.5	38.9	111.74	90.00	23.31	319.13	179.20	2	0.998	141.96	
	4	118.3	178.7	28.3	111.66	90.00	23.31	319.11	179.24	2	0.998	141.99	
	5	120.0	162.9	30.0	111.57	90.00	23.31	319.07	179.29	2	0.998	142.00	
	6	98.9	153.6	8.5	111.50	90.00	23.31	319.02	179.30	2	0.998	142.00	
	7	91.9	139.1	7.2	111.43	84.70	24.80	319.00	182.58	2	0.905	127.06	
	8	83.3	126.9	7.2	111.36	75.10	21.24	319.00	186.39	2	0.910	129.81	
	9	149.0	178.6	59.0	111.67	90.00	23.31	319.22	179.34	2	0.998	142.00	
	10	190.3	254.1	100.3	112.07	90.00	23.31	319.35	179.07	2	0.998	141.86	
	11	131.8	232.8	91.8	112.04	90.00	23.31	319.32	179.06	2	0.998	141.87	
	12	146.1	206.6	56.1	111.83	90.00	23.31	319.21	179.18	2	0.998	141.95	
	13	131.3	170.8	51.3	111.61	90.00	23.31	319.12	179.29	2	0.998	142.00	
	14	108.2	153.4	13.2	111.52	90.00	23.31	319.05	179.32	2	0.998	142.00	
	15	97.9	138.1	7.2	111.43	84.40	24.12	319.00	181.43	2	0.952	135.86	
	16	86.2	128.9	7.2	111.36	79.00	21.76	319.00	185.80	2	0.909	130.88	
	17	94.2	135.2	7.2	111.34	79.00	21.76	319.00	185.92	2	0.908	130.80	
	18	87.2	122.5	7.2	111.33	80.00	22.20	319.00	185.36	2	0.909	132.07	
	19	78.7	114.9	7.2	111.28	71.50	17.80	319.00	189.90	2	0.912	121.30	
	20	69.3	106.2	7.2	111.23	62.00	13.30	319.00	194.39	2	0.906	106.56	
	21	69.3	101.2	7.2	111.19	62.00	13.30	319.00	194.42	2	0.906	106.58	
	22	109.0	133.5	19.0	111.40	90.00	23.31	319.07	179.46	2	0.998	142.00	
	23	135.6	185.5	45.6	111.71	90.00	23.31	319.18	179.26	2	0.998	142.00	
	24	226.0	280.0	136.0	112.19	90.00	23.31	319.58	179.15	2	0.998	141.95	
	25	245.8	310.3	179.9	112.35	90.00	23.31	319.54	179.00	2	0.998	141.84	
	26	183.8	234.6	93.8	111.97	90.00	23.31	319.33	179.14	2	0.998	141.82	
	27	141.5	178.6	51.5	111.67	90.00	23.31	319.20	179.31	2	0.998	142.00	
	28	134.6	196.3	46.6	111.84	90.00	23.31	319.18	179.43	2	0.998	142.00	
	29	133.8	164.9	43.8	111.59	90.00	23.31	319.17	179.37	2	0.998	142.00	
	30	133.7	170.8	43.7	111.62	90.00	23.31	319.17	179.34	2	0.998	142.00	
	31	137.8	209.5	47.8	111.79	90.00	23.31	319.21	179.25	2	0.998	141.99	137.36
Nov.	1	146.5	215.8	76.5	111.84	90.00	23.31	319.28	179.19	2	0.998	141.96	
	2	138.4	188.5	48.4	111.73	90.00	23.31	319.19	179.25	2	0.998	141.96	
	3	116.7	162.0	26.7	111.57	90.00	23.31	319.10	179.32	2	0.998	142.00	
	4	102.3	128.0	12.3	111.36	90.00	23.31	319.03	179.46	2	0.998	142.00	
	5	111.8	144.9	21.8	111.47	90.00	23.31	319.08	179.40	2	0.998	142.00	
	6	106.2	144.9	16.2	111.47	90.00	23.31	319.05	179.37	2	0.998	142.00	
	7	91.9	130.7	7.2	111.36	84.70	24.80	319.00	182.64	2	0.904	127.12	
	8	81.5	134.2	7.2	111.27	74.30	19.25	319.00	188.30	2	0.911	125.09	
	9	74.0	105.7	7.2	111.21	66.80	15.54	319.00	192.25	2	0.910	114.53	
	10	64.4	84.3	7.2	111.16	59.30	13.21	319.00	195.64	2	0.902	102.37	
	11	59.8	84.1	7.2	111.09	52.60	9.84	319.00	198.27	2	0.880	90.72	
	12	54.9	81.7	7.2	111.04	49.70	8.60	319.00	199.34	2	0.870	83.58	
	13	54.1	79.1	7.2	111.04	44.90	7.66	319.00	200.20	2	0.850	80.09	
	14	51.3	73.1	7.2	111.01	44.10	6.77	319.00	201.21	2	0.879	74.75	
	15	48.5	73.9	7.2	111.00	41.30	5.94	319.00	202.06	2	0.847	69.30	
	16	45.7	68.5	7.2	110.97	38.50	5.16	319.00	202.87	1	0.903	68.13	
	17	41.9	66.1	7.2	110.94	34.70	4.19	319.00	203.85	1	0.911	63.16	
	18	39.1	61.9	7.2	110.93	31.90	3.54	319.00	204.53	1	0.911	58.23	
	19	38.1	60.0	7.2	110.91	30.90	3.33	319.00	204.76	1	0.908	56.38	
	20	41.0	58.1	7.2	110.90	33.80	3.96	319.00	204.13	1	0.912	61.64	
	21	41.0	61.9	7.2	110.93	33.80	3.96	319.00	204.10	1	0.912	61.60	
	22	38.1	60.0	7.2	110.91	30.90	3.33	319.00	204.76	1	0.908	56.38	
	23	34.4	53.4	7.2	110.84	29.20	2.97	319.00	205.17	1	0.905	53.14	
	24	34.7	44.6	7.2	110.83	27.50	2.63	319.00	205.59	1	0.899	49.78	
	25	31.2	52.4	7.2	110.86	24.00	2.01	319.00	206.13	1	0.878	43.62	
	26	35.5	54.3	7.2	110.87	28.30	2.79	319.00	205.34	1	0.902	51.37	
	27	41.9	58.1	7.2	110.90	34.70	4.19	319.00	203.91	1	0.911	63.16	
	28	38.1	58.1	7.2	110.90	30.90	3.33	319.00	204.78	1	0.908	56.38	
	29	32.9	54.9	7.2	110.87	25.70	2.30	319.00	205.83	1	0.890	46.13	
	30	20.4	50.5	7.2	110.85	22.20	1.72	319.00	206.64	1	0.866	39.87	
													85.31
Dec.	1	27.8	41.4	7.2	110.79	20.60	1.48	319.00	206.74	1	0.851	35.53	
	2	25.4	36.2	7.2	110.76	18.20	1.15	319.00	207.09	1	0.826	30.52	
	3	26.1	36.7	7.2	110.75	18.90	1.24	319.00	207.01	1	0.834	31.98	
	4	26.1	39.7	7.2	110.77	18.90	1.24	319.00	206.98	1	0.834	31.98	
	5	36.9	64.6	7.2	110.81	49.70	8.60	319.00	199.99	2	0.880	83.51	
	6	191.4	221.9	101.4	111.91	90.00	23.31	319.33	179.23	2	0.998	141.86	
	7	162.6	170.8	72.6	111.62	90.00	23.21	319.27	179.43	2	0.998	142.00	
	8	79.8	159.7	7.2	111.31	72.40	18.26	319.00	189.44	2	0.913	122.53	
	9	53.1	81.7	7.2	111.06	47.80	7.89	319.00	199.85	2	0.874	81.98	
	10	44.7	68.3	7.2	110.97	37.50	4.90	319.00	203.13	1	0.906	67.65	
	11	39.1	54.1	7.2	110.90	31.90	3.54	319.00	204.56	1	0.911	58.24	
	12	35.5	52.4	7.2	110.86	28.30	2.79	319.00	205.35	1	0.902	51.37	
	13	41.0	52.4	7.2	110.86	33.80	3.96	319.00	204.16	1	0.912	61.65	
	14	52.2	69.0	7.2	110.91	45.00	7.05	319.00	201.04	2	0.865	76.51	
	15	50.4	64.1	7.2	110.84	43.20	6.30	319.00	201.54	2	0.856	73.02	
	16	48.5	60.0	7.2	110.81	41.30	5.94	319.00	202.15	2	0.847	69.32	
	17	38.1	50.5	7.2	110.83	30.90	3.33	319.00	204.83	1	0.908	56.40	
	18	33.7	46.7	7.2	110.82	26.50	2.43	319.00	205.73	1	0.894	47.77	
	19	32.0	44.8	7.2	110.81	24.80	2.14	319.00	206.05	1	0.884	44.20	
	20	31.2	43.9	7.2	110.79	24.00	2.01	319.00	206.20	1	0.879	42.64	
	21	48.5	50.5	7.2	110.85	41.30	5.94	319.00	202.31	2	0.847	69.36	
	22	74.0	84.3	7.2	111.09	66.80	15.54	319.00	192.37	2	0.810	104.80	
	23	93.8	108.6	7.2	111.24	86.40	36.12	319.00	181.64	2	0.802	130.08	
	24	82.4	106.2	7.2	111.22	75.20	18.40	319.00	190.08	2	0.911	126.30	
	25	65.4	93.8	7.2	111.14	58.20	11.80	319.00	196.06	2	0.800	100.63	
	26	43.8	72.8	7.2	111.00	36.40	4.87	319.00	203.23	1	0.908	66.25	
	27	56.4	56.2	7.2	110.89	20.30	2.97	319.00	205.14	1	0.905	53.19	
	28	32.9	48.6	7.2	110.93	25.70	2.30	319.00	205.87	1	0.890	46.14	
	29	29.4	43.9	7.2	110.79	22.20	1.72	319.00	206.49	1	0.866	38.88	
	30	27.0	39.7	7.2	110.77	19.80	1.37	319.00	206.84	1	0.844	33.86	
	31	23.4	34.2	7.2	110.76	18.20	1.13	319.00	207.09	1	0.826	30.52	70.05

POWER GENERATION SIMULATION

Dam Axis :
Year : 1957
F.S.L. = 319.00 m
Rated Head : 179.30 m
Max. Plant Discharge : 90.00 cms
Installed Capacity : 143.0 MW

Date		Discharge Dam (cms)	Discharge P/H (cms)	R.O.F or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Effiicie ncy	Output MW	Monthly Ave. MW
Jan.	1	34.5	34.7	7.2	110.75	17.3	1.04	319.00	207.21	1	0.816	28.66	
	2	34.5	34.7	7.2	110.75	17.3	1.04	320.00	207.21	1	0.816	28.66	
	3	34.5	35.1	7.2	110.74	17.3	1.04	319.00	207.22	1	0.816	28.67	
	4	34.5	35.1	7.2	110.74	17.3	1.04	319.00	207.22	1	0.816	28.67	
	5	33.0	33.5	7.2	110.73	15.8	0.87	319.00	207.40	1	0.797	25.60	
	6	21.4	33.5	21.4	110.73	0.0	0.70	319.00	207.57	0	0.000	0.00	
	7	26.1	32.0	7.2	110.72	18.9	1.34	319.00	207.04	1	0.834	31.59	
	8	37.2	32.4	7.2	110.86	30.0	3.13	319.00	205.01	1	0.807	54.68	
	9	74.0	94.5	7.2	111.16	66.8	15.54	319.00	162.30	2	0.910	114.54	
	10	58.8	83.9	7.2	111.07	51.6	9.27	319.00	198.65	2	0.895	88.50	
	11	43.6	61.9	7.2	110.93	33.6	4.41	319.00	203.66	1	0.910	64.67	
	12	41.0	32.4	7.2	110.86	33.8	3.98	319.00	204.16	1	0.913	61.65	
	13	35.5	43.6	7.2	110.83	28.3	2.79	319.00	205.38	1	0.902	51.38	
	14	48.5	79.5	7.2	111.04	41.3	5.94	319.00	202.01	2	0.847	69.27	
	15	96.7	237.8	7.2	111.59	88.5	27.90	319.00	178.11	2	0.909	141.27	
	16	133.7	194.4	41.7	111.76	90.0	28.21	319.17	179.20	2	0.908	141.96	
	17	97.3	136.3	7.2	111.41	90.0	22.39	319.00	155.30	2	0.903	122.01	
	18	65.4	94.3	7.2	111.16	58.2	11.80	319.00	194.05	2	0.903	103.62	
	19	61.7	94.3	7.2	111.16	54.5	10.34	319.00	197.50	2	0.890	94.15	
	20	63.5	94.3	7.2	111.16	56.3	11.04	319.00	196.80	2	0.896	97.52	
	21	52.2	83.9	7.2	111.07	45.0	7.05	319.00	200.87	2	0.863	74.44	
	22	49.4	93.0	7.2	111.14	42.2	6.30	319.00	201.66	2	0.851	70.99	
	23	75.8	84.3	7.2	111.09	66.6	14.39	319.00	191.52	3	0.911	117.29	
	24	94.8	106.2	7.2	111.22	87.6	24.75	319.00	181.05	2	0.901	140.04	
	25	97.7	136.3	7.7	111.41	90.0	28.21	319.00	179.30	2	0.898	142.00	
	26	95.7	162.0	7.2	111.57	88.5	27.28	319.00	180.15	2	0.900	142.64	
	27	74.9	122.3	7.2	111.33	67.7	15.96	319.00	191.71	2	0.910	115.81	
	28	88.2	97.8	7.2	111.14	63.0	13.39	319.00	194.47	2	0.904	107.01	
	29	63.5	106.2	7.2	111.22	54.5	11.04	319.00	196.74	2	0.896	97.28	
	30	49.4	91.3	7.2	111.12	42.2	6.30	319.00	201.67	2	0.851	70.99	
	31	42.8	73.9	7.2	111.00	33.6	4.41	319.00	203.99	1	0.910	64.65	81.54
Feb.	1	44.6	79.5	7.2	111.04	39.4	5.41	319.00	202.55	1	0.900	70.36	
	2	78.7	130.7	7.2	111.36	71.5	17.80	319.00	189.82	2	0.913	121.35	
	3	105.2	247.6	15.2	113.04	90.0	28.21	319.05	178.80	2	0.909	141.71	
	4	113.8	270.3	23.8	112.15	90.0	28.21	319.09	178.73	2	0.909	141.66	
	5	103.3	206.6	13.3	111.83	90.0	28.21	319.04	179.00	2	0.898	141.83	
	6	90.9	170.8	7.2	111.62	83.7	24.40	319.00	182.98	2	0.905	135.93	
	7	76.7	138.1	7.2	111.45	69.5	16.62	319.00	190.75	2	0.911	118.98	
	8	107.2	150.6	17.2	111.50	90.0	28.21	319.06	179.35	2	0.898	142.00	
	9	78.7	138.0	7.2	111.36	71.5	17.80	319.00	189.82	2	0.912	121.24	
	10	94.9	94.3	7.2	111.16	69.7	8.60	319.00	189.24	2	0.879	85.33	
	11	47.3	79.5	7.2	111.04	40.3	5.66	319.00	202.30	2	0.843	67.32	
	12	41.0	68.5	7.2	110.97	33.8	3.98	319.00	204.05	1	0.913	61.42	
	13	35.5	60.0	7.2	110.91	28.3	2.79	319.00	205.30	1	0.903	51.36	
	14	34.7	54.3	7.2	110.87	27.5	2.63	319.00	205.49	1	0.899	49.77	
	15	68.6	61.9	7.2	110.93	59.2	12.21	319.00	193.87	2	0.902	102.47	
	16	90.6	106.2	7.2	111.22	73.4	18.76	319.00	189.01	2	0.912	122.94	
	17	52.2	86.3	7.2	111.09	45.0	7.05	319.00	200.86	2	0.863	76.43	
	18	40.0	58.1	7.2	110.90	33.8	3.72	319.00	204.33	1	0.911	59.87	
	19	34.7	50.5	7.2	110.85	27.5	2.63	319.00	205.52	1	0.899	49.78	
	20	32.9	44.7	7.2	110.82	25.7	2.30	319.00	205.84	1	0.890	46.14	
	21	29.4	44.8	7.2	110.81	23.2	1.72	319.00	206.48	1	0.866	34.98	
	22	26.1	41.4	7.2	110.78	18.9	1.34	319.00	206.97	1	0.834	31.58	
	23	26.1	41.4	7.2	110.78	18.9	1.34	319.00	206.97	1	0.834	31.58	
	24	32.0	41.4	7.2	110.78	24.8	2.14	319.00	206.07	1	0.885	44.30	
	25	27.8	46.7	7.2	110.82	20.6	1.48	319.00	206.70	1	0.851	35.53	
	26	34.9	41.4	7.2	110.78	27.3	1.04	319.00	207.17	1	0.816	28.66	
	27	34.3	34.3	7.2	110.76	27.3	1.04	319.00	207.20	1	0.816	28.66	
	28	27.8	39.7	7.2	110.77	20.6	1.48	319.00	206.75	1	0.851	35.54	
													71.00
Mar.	1	24.5	39.7	7.2	110.77	17.3	1.04	319.00	207.19	1	0.816	28.66	
	2	22.2	34.3	22.2	110.76	0.0	0.78	319.00	207.44	0	0.000	0.00	
	3	25.4	44.7	7.2	110.82	18.2	1.13	319.00	207.05	1	0.826	30.51	
	4	28.6	50.5	7.2	110.85	21.4	1.39	319.00	206.56	1	0.859	37.20	
	5	34.7	54.2	7.2	110.89	27.5	2.63	319.00	205.66	1	0.899	49.77	
	6	38.1	64.3	7.2	110.96	30.9	3.33	319.00	204.72	1	0.903	56.36	
	7	33.5	54.2	7.2	110.89	26.3	2.79	319.00	205.32	1	0.902	51.36	
	8	31.2	50.5	7.2	110.85	24.0	2.01	319.00	206.15	1	0.879	42.63	
	9	46.6	54.2	7.2	110.89	39.4	5.41	319.00	202.71	1	0.900	70.43	
	10	65.4	91.3	7.2	111.12	58.2	11.80	319.00	196.08	2	0.900	100.64	
	11	107.2	389.7	17.2	112.24	90.0	28.21	319.06	178.61	2	0.909	141.59	
	12	116.7	237.8	26.7	111.99	90.0	28.21	319.10	178.90	2	0.908	141.77	
	13	82.4	162.0	7.2	111.57	75.2	19.49	319.00	187.73	2	0.911	126.07	
	14	56.9	114.2	7.2	111.27	49.7	8.60	319.00	198.12	2	0.879	85.27	
	15	58.8	191.2	7.2	111.59	51.6	9.27	319.00	198.54	2	0.885	88.94	
	16	54.1	94.3	7.2	111.16	44.9	7.86	319.00	200.18	2	0.870	80.04	
	17	39.1	77.3	7.2	111.03	31.9	3.54	319.00	204.43	1	0.913	58.20	
	18	33.7	61.9	7.2	110.93	26.5	2.45	319.00	205.63	1	0.894	47.76	
	19	30.3	54.2	7.2	110.89	23.1	1.86	319.00	206.26	1	0.873	40.74	
	20	83.4	94.3	7.2	111.16	76.2	20.32	319.00	187.62	2	0.911	127.61	
	21	144.6	206.6	74.6	111.83	90.0	28.21	319.27	179.24	2	0.908	141.94	
	22	145.1	191.5	55.1	111.74	90.0	28.21	319.21	179.26	2	0.908	142.00	
	23	139.4	186.3	49.4	111.73	90.0	28.21	319.19	179.25	2	0.908	142.00	
	24	300.2	344.3	110.2	112.03	90.0	28.21	319.37	179.16	2	0.908	141.92	
	25	166.6	221.9	76.6	111.81	90.0	28.21	319.37	179.15	2	0.908	141.93	
	26	105.2	196.3	15.2	111.54	90.0	28.21	319.05	179.30	2	0.908	142.00	
	27	74.9	138.0	7.2	111.36	67.7	15.96	319.00	191.66	2	0.910	115.79	
	28	98.8	94.3	7.2	111.16	52.6	9.64	319.00	198.21	2	0.886	90.69	
	29	49.4	79.5	7.2	111.04	42.2	6.30	319.00	201.75	2	0.851	71.03	
	30	41.9	68.5	7.2	110.97	34.7	4.19	319.00	203.84	1	0.911	63.16	
	31	36.1	79.5	7.2	111.04	48.9	7.66	319.00	200.39	2	0.870	80.09	84.39

Date		Discharge Dam (cms)	Discharge P/H (cms)	R.O.F or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Effiicie ncy	Output MW	Monthly Ave. MW
Apr.	1	53.2	88.8	7.2	111.11	45.0	7.05	319.00	200.84	2	0.863	74.42	
	2	43.8	73.5	7.2	111.04	35.40	4.41	319.00	203.54	1	0.910	64.63	
	3	39.1	64.3	7.2	110.96	31.90	3.54	319.00	204.30	1	0.911	58.22	
	4	35.1	64.3	7.2	111.09	47.90	7.99	319.00	190.92	2	0.873	81.97	
	5	54.0	91.3	7.2	111.12	48.80	8.29	319.00	199.38	2	0.876	83.66	
	6	54.1	94.3	7.2	111.09	46.90	7.66	319.00	200.35	2	0.870	80.07	
	7	54.1	81.7	7.2	111.06	46.90	7.66	319.00	200.28	2	0.870	80.09	
	8	48.5	73.1	7.2	111.01	41.30	5.94	319.00	202.04	2	0.847	69.20	
	9	47.5	68.5	7.2	110.97	40.30	5.65	319.00	202.37	2	0.843	67.35	
	10	69.2	83.6	7.2	111.11	62.00	13.39	319.00	194.51	2	0.906	107.03	
	11	54.0	81.7	7.2	111.04	48.80	8.29	319.00	199.65	2	0.877	83.40	
	12	43.8	64.3	7.2	110.94	34.60	4.67	319.00	203.34	1	0.908	66.27	
	13	37.2	58.1	7.2	110.90	30.00	3.13	319.00	204.87	1	0.907	54.67	
	14	32.0	32.4	7.2	110.86	24.80	2.14	319.00	206.00	1	0.864	44.38	
	15	41.9	61.7	7.2	111.04	34.70	4.19	319.00	203.75	1	0.911	63.13	
	16	54.1	91.3	7.2	111.12	46.90	7.66	319.00	200.22	2	0.870	80.06	
	17	43.8	79.5	7.2	111.04	35.40	4.41	319.00	203.54	1	0.910	64.63	
	18	33.7	60.0	7.2	110.91	26.50	2.45	319.00	205.64	1	0.894	47.75	
	19	30.3	54.2	7.2	110.89	23.10	1.86	319.00	206.26	1	0.873	40.74	
	20	33.7	58.1	7.2	110.90	26.50	2.45	319.00	205.64	1	0.894	47.75	
	21	33.7	60.0	7.2	110.91	26.50	2.45	319.00	205.64	1	0.894	47.75	
	22	32.0	54.2	7.2	110.89	24.80	2.14	319.00	205.97	1	0.884	44.27	
	23	29.4	52.4	7.2	110.86	22.20	1.72	319.00	206.42	1	0.865	34.97	
	24	28.6	48.6	7.2	110.83	21.40	1.59	319.00	206.57	1	0.859	37.20	
	25	31.2	52.4	7.2	110.86	24.00	2.01	319.00	206.13	1	0.879	42.62	
	26	108.2	237.9	98.2	111.99	90.00	28.21	319.34	179.14	2	0.898	141.82	
	27	393.6	671.1	303.6	113.19	90.00	28.21	319.80	178.40	2	0.899	141.45	
	28	286.0	394.5	196.0	112.64	90.00	28.21	319.58	178.74	2	0.899	141.67	
	29	148.5	254.1	78.5	112.07	90.00	28.21	319.28	179.00	2	0.898	141.84	
	30	160.6	211.8	70.6	111.89	90.00	28.21	319.26	179.16	2	0.898	141.93	
													76.04
May	1	170.6	215.8	80.6	111.84	90.00	28.21	319.39	179.20	2	0.898	141.96	
	2	125.2	191.5	35.2	111.74	90.00	28.21	319.14	179.16	2	0.898	141.95	
	3	98.6	153.4	8.6	111.52	90.00	28.21	319.01	179.28	2	0.898	142.00	
	4	80.6	128.0	7.2	111.34	73.40	18.76	319.00	188.87	2	0.912	123.83	
	5	71.1	111.4	7.2	111.24	63.90	14.22	319.00	193.52	2	0.904	110.00	
	6	65.4	106.2	7.2	111.22	58.20	11.80	319.00	195.98	2	0.900	100.59	
	7	78.6	119.7	7.2	111.31	72.40	18.26	319.00	189.44	2	0.912	123.53	
	8	111.8	179.6	21.8	111.67	90.00	28.21	319.08	179.19	2	0.898	141.96	
	9	116.7	179.6	26.7	111.67	90.00	28.21	319.10	179.22	2	0.898	141.97	
	10	90.9	150.6	7.2	111.50	83.70	24.40	319.00	183.10	2	0.906	136.01	
	11	91.9	139.1	7.2	111.43	84.70	24.99	319.00	182.58	2	0.905	137.06	
	12	90.0	142.0	7.2	111.45	82.80	23.88	319.00	183.67	2	0.906	135.09	
	13	90.6	150.6	8.6	111.50	90.00	28.21	319.01	179.30	2	0.898	142.00	
	14	91.9	142.0	7.2	111.45	84.70	24.99	319.00	182.57	2	0.905	137.07	
	15	83.4	128.0	7.2	111.36	76.20	20.32	319.00	187.62	2	0.911	127.60	
	16	73.0	111.4	7.2	111.26	65.80	15.08	319.00	192.67	2	0.908	113.87	
	17	65.4	101.2	7.2	111.19	58.20	11.80	319.00	196.01	2	0.900	100.61	
	18	59.8	91.9	7.2	111.12	52.60	9.64	319.00	198.24	2	0.886	90.71	
	19	53.2	83.9	7.2	111.07	46.00	7.37	319.00	200.56	2	0.867	78.36	
	20	48.5	77.3	7.2	111.03	41.30	5.94	319.00	202.03	2	0.847	69.28	
	21	43.7	72.9	7.2	111.00	36.50	5.16	319.00	202.84	1	0.905	69.12	
	22	43.8	68.5	7.2	110.97	35.40	4.41	319.00	203.62	1	0.910	64.66	
	23	41.0	64.1	7.2	110.94	33.80	3.98	319.00	204.08	1	0.913	61.42	
	24	39.1	61.9	7.2	110.93	30.90	3.33	319.00	204.75	1	0.908	54.77	
	25	36.4	60.0	7.2	110.91	29.20	2.97	319.00	205.12	1	0.905	53.12	
	26	33.7	58.1	7.2	110.90	26.50	2.45	319.00	205.66	1	0.894	47.73	
	27	33.7	54.3	7.2	110.87	26.50	2.45	319.00	205.69	1	0.894	47.76	
	28	33.7	54.2	7.2	110.89	26.50	2.45	319.00	205.67	1	0.894	47.75	
	29	34.4	58.1	7.2	110.90	29.20	2.97	319.00	205.13	1	0.905	53.13	
	30	39.1	54.2	7.2	110.89	31.90	3.54	319.00	204.57	1	0.911	58.24	
	31	34.7	50.5	7.2	110.85	27.50	2.63	319.00	205.52	1	0.899	49.78	58.15
Jun.	1	32.0	50.5	7.2	110.85	24.80	2.14	319.00	206.01	1	0.864	44.38	
	2	32.9	48.6	7.2	110.83	25.70	2.30	319.00	205.87	1	0.890	46.14	
	3	32.0	48.6	7.2	110.83	24.80	2.14	319.00	206.02	1	0.864	44.39	
	4	38.1	50.5	7.2	110.85	30.90	3.33	319.00	204.83	1	0.903	56.40	
	5	30.3	50.5	7.2	110.85	23.10	1.86	319.00	206.29	1	0.873	40.75	
	6	32.9	50.5	7.2	110.85	25.70	2.30	319.00	205.85	1	0.890	44.13	
	7	90.9	125.2	7.2	111.34	83.70	24.40	319.00	183.26	2	0.905	136.11	
	8	111.8	200.5	21.8	111.79	90.00	28.21	319.08	179.08	2	0.898	141.86	
	9	74.9	144.9	7.2	111.47	67.70	15.96	319.00	191.57	2	0.910	115.72	
	10	51.3	94.3	7.2	111.16	44.10	6.77	319.00	201.07	2	0.859	74.67	
	11	42.8	79.5	7.2	111.04	35.40	4.41	319.00	203.54	1	0.910	64.63	
	12	39.1	70.7	7.2	110.99	31.90	3.54	319.00	204.47	1	0.911	58.21	
	13	38.1	68.5	7.2	110.97	30.90	3.33	319.00	204.70	1	0.909	56.36	
	14	38.1	64.1	7.2	110.94	30.90	3.33	319.00	204.73	1	0.909	56.37	
	15	36.4	64.1	7.2	110.94	29.20	2.97	319.00	205.08	1	0.905	53.11	
	16	33.7	60.0	7.2	110.91	26.50	2.45	319.00	205.64	1	0.894	47.75	
	17	33.7	56.2	7.2	110.89	26.50	2.45	319.00	205.67	1	0.894	47.75	
	18	32.9	54.3	7.2	110.87	25.70	2.30	319.00	205.83	1	0.890	44.13	
	19	31.3	52.4	7.2	110.86	24.00	2.01	319.00	206.13	1	0.879	42.62	
	20	29.4	52.4	7.2	110.86	22.20	1.72	319.00	206.42	1	0.865	34.97	
	21	28.6	50.5	7.2	110.85	21.40	1.59	319.00	206.56	1	0.859	37.20	
	22	26.1	48.6	7.2	110.83	18.90	1.24	319.00	206.92	1	0.834	31.97	
	23	25.4	46.7	7.2	110.82	18.20	1.15	319.00	207.03	1	0.826	30.51	
	24	25.4	44.8	7.2	110.81	18.20	1.15	319.00	207.04	1	0.826	30.52	
	25	25.4	44.8	7.2	110.81	18.20	1.15	319.00	207.04	1	0.826	30.52	
	26	25.4	43.9	7.2	110.79	18.20	1.15	319.00	207.03	1	0.826	30.52	
	27	45.7	130.7	7.2	111.38	38.50	5.16	319.00	202.46	1	0.905	69.01	
	28	94.8	324.0	7.2	112.38	87.40	24.75	319.00	179.89	2	0.902	139.39	
	29	143.2	476.5	53.2	113.27	90.00	28.21	319.30	177.72	2	0.900	141.02	
	30	209.5	540.1	119.5	113.02	90.00	28.21	319.40	178.17	2	0.899	141.30	
													64.67

POWER GENERATION SIMULATION

Year : 1957 | Dam Axis R | F.S.L. = 319.00 m | Rated Head : 179.50 m | Min. Plant Discharge : 90.00 cms | Installed Capacity : 142.0 MW

Month	Date	Discharge Dam (cms)	Discharge P/H (cms)	R/F or Tail Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit no's	Efficie ncy	Output MW	Monthl y Ave. MW
Jul.	1	193.0	627.6	95.0	113.38	90.0	28.21	319.33	177.94	2	0.899	141.13	
	2	548.8	654.8	258.8	113.23	90.0	28.21	319.72	178.33	2	0.899	141.34	
	3	281.2	519.4	191.3	113.97	90.0	28.21	319.57	178.39	2	0.899	141.44	
	4	196.9	554.9	106.9	112.50	90.0	28.21	319.37	178.64	2	0.898	141.41	
	5	163.2	570.3	93.2	113.15	90.0	28.21	319.20	178.84	2	0.898	141.72	
	6	119.4	228.1	29.4	111.94	90.0	28.21	319.11	178.94	1	0.898	141.81	
	7	120.3	209.7	32.3	111.84	90.0	28.21	319.12	179.07	2	0.898	141.88	
	8	120.4	209.6	30.4	111.81	90.0	28.21	319.13	179.10	2	0.898	141.90	
	9	109.3	179.6	19.3	111.67	90.0	28.21	319.04	179.15	2	0.898	141.93	
	10	90.0	159.1	7.2	111.55	82.8	25.88	319.00	183.57	2	0.906	129.02	
	11	79.6	144.9	7.2	111.47	72.4	18.36	319.00	189.28	2	0.912	122.43	
	12	71.1	150.7	7.2	111.56	63.9	14.22	319.00	190.40	2	0.905	109.32	
	13	70.1	114.9	7.2	111.29	62.9	13.78	319.00	190.85	2	0.907	108.38	
	14	61.7	108.6	7.2	111.24	54.5	10.34	319.00	197.43	2	0.902	94.08	
	15	58.8	111.4	7.2	111.36	51.6	9.27	319.00	198.47	2	0.905	88.80	
	16	71.1	136.3	7.2	111.41	63.9	14.22	319.00	195.37	2	0.908	109.90	
	17	92.9	170.8	7.2	111.62	83.7	25.88	319.00	181.80	2	0.904	137.86	
	18	92.5	162.6	7.2	111.48	83.7	25.88	319.00	181.73	2	0.904	137.81	
	19	115.7	934.9	25.7	113.30	90.0	20.21	319.10	178.39	2	0.899	141.44	
	20	462.4	1068.7	372.4	113.81	90.0	28.21	319.93	177.92	2	0.899	141.14	
	21	801.7	1365.7	711.7	114.15	90.0	28.21	320.67	178.14	2	0.899	141.28	
	22	640.8	913.9	550.8	113.65	90.0	28.21	320.29	178.37	2	0.899	141.43	
	23	442.9	635.2	352.9	113.20	90.0	28.21	319.90	178.49	2	0.899	141.51	
	24	282.5	416.3	192.3	112.70	90.0	28.21	319.51	178.61	2	0.899	141.59	
	25	268.3	544.6	178.3	113.46	90.0	28.21	319.40	178.72	2	0.899	141.66	
	26	191.6	526.9	84.6	112.31	90.0	28.21	319.20	178.78	2	0.899	141.69	
	27	140.4	260.5	50.4	112.10	90.0	28.21	319.19	178.88	2	0.899	141.76	
	28	122.5	212.7	32.5	111.86	90.0	28.21	319.12	179.06	2	0.898	141.87	
	29	116.7	194.4	26.7	111.76	90.0	28.21	319.10	179.13	2	0.898	141.92	
	30	173.5	334.0	83.5	113.58	90.0	28.21	319.06	178.71	2	0.899	141.63	
	31	644.8	1174.7	574.8	113.96	90.0	28.21	320.37	178.09	2	0.899	141.15	134.17
Aug.	1	1675.5	1353.4	995.5	114.22	90.0	28.21	320.85	178.43	2	0.899	141.44	
	2	1344.8	1967.0	1234.8	115.05	90.0	28.21	321.19	177.95	2	0.899	141.15	
	3	1062.0	1478.9	972.0	114.39	90.0	28.21	320.83	178.23	2	0.899	141.34	
	4	799.4	1308.8	709.4	113.86	90.0	28.21	320.47	178.37	2	0.899	141.43	
	5	575.3	735.2	485.3	113.37	90.0	28.21	320.13	178.35	2	0.899	141.55	
	6	578.7	922.4	288.7	112.98	90.0	28.21	319.78	178.50	2	0.899	141.57	
	7	288.3	598.3	198.3	113.51	90.0	28.21	319.45	178.72	2	0.899	141.64	
	8	193.9	289.7	93.9	112.24	90.0	28.21	319.33	178.84	2	0.898	141.76	
	9	165.5	340.5	75.5	112.10	90.0	28.21	319.27	178.96	2	0.898	141.81	
	10	139.7	286.5	69.7	112.32	90.0	28.21	319.26	178.92	2	0.898	141.72	
	11	404.1	495.6	311.1	112.93	90.0	28.21	319.03	178.69	2	0.899	141.56	
	12	714.9	1086.9	624.0	113.75	90.0	28.21	320.34	178.36	2	0.899	141.44	
	13	441.8	765.5	391.8	113.52	90.0	28.21	319.97	178.44	2	0.899	141.48	
	14	373.7	736.7	443.7	113.40	90.0	28.21	320.06	178.43	2	0.899	141.48	
	15	373.7	540.7	285.7	113.06	90.0	28.21	319.77	178.50	2	0.899	141.52	
	16	341.9	484.1	251.9	112.89	90.0	28.21	319.70	178.60	2	0.899	141.58	
	17	900.7	1353.4	810.7	114.22	90.0	28.21	320.61	178.19	2	0.899	141.31	
	18	1483.6	2241.5	1393.6	116.17	90.0	28.21	321.35	176.97	2	0.900	140.52	
	19	1255.6	2370.5	1445.6	115.99	90.0	28.21	321.45	177.63	2	0.900	140.96	
	20	1370.5	1615.2	1390.5	114.97	90.0	28.21	321.18	178.40	2	0.898	141.41	
	21	1134.7	1338.2	1044.7	114.59	90.0	28.21	320.95	178.53	2	0.899	141.54	
	22	944.4	1044.7	774.4	113.81	90.0	28.21	320.57	178.55	2	0.899	141.55	
	23	594.4	739.5	504.4	113.37	90.0	28.21	320.16	178.53	2	0.899	141.56	
	24	534.9	567.0	344.9	112.94	90.0	28.21	319.98	178.53	2	0.899	141.54	
	25	362.3	540.2	172.3	113.35	90.0	28.21	319.33	178.77	2	0.899	141.69	
	26	311.9	509.4	121.9	113.20	90.0	28.21	319.41	178.95	2	0.898	141.77	
	27	180.2	367.0	90.2	112.13	90.0	28.21	319.34	179.00	2	0.898	141.83	
	28	174.6	264.3	84.6	112.02	90.0	28.21	319.30	179.07	2	0.898	141.88	
	29	147.1	234.9	57.1	111.92	90.0	28.21	319.23	179.08	2	0.898	141.89	
	30	133.7	254.1	63.7	112.07	90.0	28.21	319.24	178.96	2	0.898	141.81	
	31	192.4	377.5	102.4	113.16	90.0	28.21	319.33	178.88	2	0.898	141.82	141.54
Sep.	1	155.7	341.1	65.7	113.01	90.0	28.21	319.24	179.02	2	0.898	141.85	
	2	130.9	268.7	40.9	111.84	90.0	28.21	319.16	179.11	2	0.898	141.90	
	3	181.8	320.6	91.8	112.37	90.0	28.21	319.32	178.75	2	0.899	141.67	
	4	734.3	1174.5	644.3	113.98	90.0	28.21	320.36	178.19	2	0.899	141.32	
	5	689.9	1113.5	599.9	113.89	90.0	28.21	320.31	178.20	2	0.899	141.32	
	6	696.7	903.8	606.7	113.68	90.0	28.21	319.99	178.31	2	0.899	141.39	
	7	495.2	831.1	405.2	113.19	90.0	28.21	319.99	178.59	2	0.899	141.57	
	8	903.2	1083.6	813.2	113.86	90.0	28.21	320.42	178.35	2	0.899	141.35	
	9	742.8	1057.9	652.8	113.83	90.0	28.21	320.39	178.36	2	0.899	141.42	
	10	425.0	736.9	335.0	113.40	90.0	28.21	319.86	178.53	2	0.899	141.36	
	11	325.2	540.3	235.2	113.03	90.0	28.21	319.67	178.62	2	0.898	141.47	
	12	263.9	423.5	173.9	112.73	90.0	28.21	319.54	178.60	2	0.959	141.58	
	13	213.4	340.2	123.4	112.55	90.0	28.21	319.41	178.65	2	0.899	141.61	
	14	182.4	330.9	102.4	113.41	90.0	28.21	319.35	178.73	2	0.899	141.66	
	15	465.3	798.6	375.3	113.47	90.0	28.21	319.94	178.26	2	0.899	141.56	
	16	779.2	1397.0	689.2	114.38	90.0	28.21	320.44	177.95	2	0.899	141.16	
	17	651.7	1016.2	561.7	113.76	90.0	28.21	320.25	178.34	2	0.899	141.37	
	18	505.7	761.0	415.7	113.41	90.0	28.21	320.01	178.39	2	0.899	141.44	
	19	404.1	635.2	314.1	113.20	90.0	28.21	319.52	178.42	2	0.899	141.46	
	20	379.9	606.3	289.9	113.15	90.0	28.21	319.76	178.38	2	0.899	141.44	
	21	341.7	543.9	251.7	113.57	90.0	28.21	319.78	178.00	2	0.899	141.19	
	22	330.5	523.9	440.5	113.46	90.0	28.21	320.05	178.19	3	0.899	141.31	
	23	693.7	1034.8	603.7	113.79	90.0	28.21	320.21	178.32	2	0.899	141.40	
	24	705.9	1068.7	615.9	113.81	90.0	28.21	320.31	178.32	2	0.899	141.40	
	25	585.5	946.7	495.5	113.35	90.0	28.21	320.14	178.39	2	0.899	141.44	
	26	426.5	639.4	336.5	113.20	90.0	28.21	319.87	178.43	2	0.899	141.48	
	27	369.9	603.3	279.9	113.86	90.0	28.21	319.63	178.51	2	0.899	141.54	
	28	352.9	510.9	262.9	112.62	90.0	28.21	319.51	178.67	2	0.899	141.62	
	29	214.2	330.9	134.2	112.41	90.0	28.21	319.41	178.79	2	0.899	141.70	
	30	183.9	289.7	93.9	112.34	90.0	28.21	319.33	178.86	2	0.898	141.74	
													141.49

Month	Date	Discharge Dam (cms)	Discharge P/H (cms)	R/F or Tail Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit no's	Efficie ncy	Output MW	Monthl y Ave. MW
Oct.	1	183.6	254.1	93.6	113.07	90.00	28.21	319.37	178.99	2	0.898	141.83	
	2	147.1	237.8	57.1	111.99	90.00	28.21	319.22	179.01	2	0.898	141.84	
	3	138.4	218.8	48.4	111.90	90.00	28.21	319.19	179.08	2	0.898	141.89	
	4	127.1	204.8	37.1	111.83	90.00	28.21	319.14	179.11	2	0.898	141.90	
	5	116.7	191.5	26.7	111.74	90.00	28.21	319.10	179.15	2	0.898	141.93	
	6	108.1	179.6	18.1	111.67	90.00	28.21	319.06	179.18	2	0.898	141.93	
	7	100.4	167.8	10.4	111.61	90.00	28.21	319.02	179.20	2	0.898	141.96	
	8	94.8	162.0	7.2	111.57	87.60	26.79	319.00	180.70	2	0.901	139.81	
	9	88.1	153.6	7.2	111.52	81.90	23.36	319.00	184.12	2	0.907	134.07	
	10	83.4	150.1	7.2	111.49	76.20	20.22	319.00	187.35	2	0.911	127.43	
	11	83.4	150.3	7.2	111.41	75.20	19.69	319.00	187.89	2	0.911	126.17	
	12	83.5	144.9	7.2	111.47	76.10	21.34	319.00	184.29	2	0.910	128.74	
	13	83.4	136.3	7.2	111.41	76.20	20.22	319.00	187.36	2	0.911	127.44	
	14	78.7	135.5	7.2	111.40	71.50	17.80	319.00	189.60	2	0.912	121.34	
	15	72.0	122.5	7.2	111.33	64.80	14.63	319.00	193.03	2	0.908	111.37	
	16	69.2	120.7	7.2	111.30	62.00	13.39	319.00	194.23	2	0.906	106.86	
	17	99.3	142.0	9.3	111.43	90.00	28.21	319.02	179.36	2	0.898	142.00	
	18	99.5	167.7	9.5	111.68	90.00	28.21	319.03	179.33	2	0.898	142.00	
	19	94.7	175.7	7.2	111.64	88.80	27.90	319.00	179.44	2	0.899	141.98	
	20	120.4	200.8	30.4	112.26	90.00	28.21	319.12	176.63	2	0.899	141.39	
	21	238.3	334.9	158.3	113.50	90.00	28.21	319.45	178.74	2	0.899	141.67	
	22	446.8	655.2	378.8	113.89	90.00	28.21	319.84	178.33	2	0.899	141.54	
	23	974.2	957.4	706.2	113.69	90.00	28.21	320.54	178.66	2	0.899	141.63	
	24	598.9	885.1	668.9	113.50	90.00	28.21	320.10	178.59	2	0.899	141.58	
	25	570.5	433.6	240.5	113.01	90.00	28.21	319.74	178.71	2	0.899	141.65	
	26	242.5	341.9	172.5	112.53	90.00	28.21	319.53	178.79	2	0.899	141.70	
	27	196.7	295.1	106.7	112.25	90.00	28.21	319.36	178.90	2	0.898	141.77	
	28	165.5	254.1	75.5	112.07	90.00	28.21	319.27	178.99	2	0.898	141.83	
	29	145.1	218.8	55.1	111.89	90.00	28.21	319.21	179.11	2	0.898	141.90	
	30	131.8	194.4	41.8	111.76	90.00	28.21	319.16	179.19	2	0.898	141.94	
	31	121.5	179.6	31.5	111.67	90.00	28.21	319.12	179.24	2	0.898	141.98	136.99
Nov.	1	118.5	175.7	28.5	111.64	90.00	28.21	319.11	179.26	2	0.898	142.00	
	2	114.7	169.4	24.7	111.76	90.00	28.21	319.09	179.12	2	0.898	141.91	
	3	140.0	263.5	50.0	112.10	90.00	28.21	319.23	178.91	2	0.898	141.78	
	4	117.6	237.9	27.6	111.99	90.00	28.21	319.11	178.90	2	0.898	141.77	
	5	98.3	179.6	8.3	111.67	90.00	28.21	319.02	179.13	2	0.898	141.92	
	6	98.1	152.6	7.2	111.50	83.90	23.36	319.00	184.14	2	0.907	134.09	
	7	81.5	138.1	7.2	111.43	74.30	18.23	319.00	188.34	2	0.911	124.99	
	8	89.1	150.6	7.2	111.50	81.90	23.36	319.00	184.14	2	0.907	134.09	
	9	92.9	164.9	7.2	111.59	85.70	25.58	319.00	181.83	2	0.904	137.98	
	10	111.8	187.5	21.8	111.78	90.00	28.21	319.08	179.00	2	0.898	141.89	
	11	102.3	179.6	12.3	111.67	90.00	28.21	319.03	179.13	2	0.898	141.93	
	12	83.3	156.3	7.2	111.54	76.10	21.34	319.00	186.32	2	0.910	128.78	
	13	78.6	136.9	7.2	111.41	72.40	18.26	319.00	189.73	2	0.912	122.66	
	14	83.5	135.5	7.2	111.40	76.10	21.34	319.00	186.36	2	0.910	128.79	
	15	98.6	150.6	8.6	111.50	90.00	28.21	319.01	179.30	2	0.898	141.98	
	16	83.5	142.0	7.2	111.45	76.10	21.34	319.00	186.31	2	0.910	128.76	
	17	81.5	136.3	7.2	111.41	74.30	19.23	319.00	188.36	2	0.911	125.80	
	18	88.2	136.3	7.2	111.41	81.00	23.05	319.00	184.74	2	0.908	133.15	
	19	93.8	150.6	7.2	111.50	84.60	24.13	319.00	181.38	2	0.902	138.91	
	20	93.7	144.9	7.2	111.47	88.50	27.38	319.00	180.36	2	0.903	140.71	
	21	83.3	150.6	7.2	111.50	76.10	21.34	319.00	186.33	2	0.910	128.72	
	22	82.4	136.3	7.2	111.41	75.20	19.69	319.00	187.89	2	0.911	126.17	
	23	74.0	116.9	7.2	111.28	66.80	15.56	319.00	192.17	2	0.910	114.48	
	24	63.5	106.2	7.2	111.22	56.30	11.04	319.00	196.74	2	0.896	97.26	
	25	60.7	98.7	7.2	111.17	53.50	9.97	319.00	197.84	2	0.880	92.32	
	26	54.1	91.6	7.2	111.14	44.90	7.66	319.00	200.20	2	0.870	80.85	
	27	47.3	83.9	7.2	111.07	40.30	5.66	319.00	202.27	2	0.843	67.31	
	28	46.6	81.7	7.2	111.06	39.40	5.41	319.00	202.53	1	0.900	70.70	
	29	43.8	75.1	7.2	111.01	36.60	4.67	319.00	203.33	1	0.908	66.23	
	30	42.8	73.1	7.2	111.01	33.60	4.41	319.00	203.57	1	0.910	64.64	
													120.81
Dec.	1	50.4	72.9	7.2	111.00	43.20	6.90	319.00	201.50	2	0.836	72.09	
	2	66.4	93.8	7.2	111.14	59.20	12.21	319.00	195.65	2	0.902	102.54	
	3	64.5	119.7	7.2	111.31	57.30	11.43	319.00	196.26	2	0.898	98.98	
	4	53.2	101.2	7.2	111.19	45.00	7.05	319.00	200.76	2	0.863	74.39	
	5	43.7	83.9	7.2	111.07	36.50	5.16	319.00	202.76	1	0.903	69.10	
	6	50.6	75.1	7.2	111.01	43.20	6.90	319.00	201.49	2	0.836	72.09	
	7	66.3	96.5	7.2	111.16	61.10	13.00	319.00	194.64	2	0.904	105.32	
	8	67.2	108.6	7.2	111.24	60.10	12.58	319.00	196.18	2	0.900	108.00	
	9	65.4	106.2	7.2	111.22	58.20	11.80	319.00	195.98	2	0.900	100.99	
	10	62.5	96.3	7.2	111.16	55.30	10.65	319.00	197.19	2	0.894	95.93	
	11	51.3	84.3	7.2	111.08	44.10	6.77	319.00	201.14	2	0.838	74.70	
	12	42.8	77.3	7.2	111.05	35.60	4.41	319.00	203.56	1	0.910	64.64	
	13	42.8	73.1	7.2	111.01	35.60	4.41	319.00	203.57	1	0.910	64.64	
	14	64.4	94.3	7.2	111.16	59.20	13.21	319.00	195.64	2	0.902	102.53	
	15	53.1	93.8	7.2	111.14	47.90	7.99	319.00	199.07	2	0.877	81.95	
	16	43.8	79.3	7.2	111.04	36.40	4.67	319.00	203.20	1	0.908	66.24	
	17	51.3	83.9	7.2	111.07	44.10	6.77	319.00	201.15	2	0.838	74.70	
	18	44.7	77.3	7.2	111.05	37.50	4.90	319.00	203.07	1	0.906	67.43	
	19	48.5	72.9	7.2	111.00	41.30	5.94	319.00	202.04	2	0.847	69.28	
	20	44.7	78.5	7.2	111.04	37.50	4.90	319.00	203.06	1	0.906	67.43	
	21	43.8	70.7	7.2	110.99	33.60	4.41	319.00	203.60	1	0.910	64.65	
	22	37.2	64.3	7.2	110.96	30.00	3.13	319.00	204.91	1	0.907	54.66	
	23	33.7	61.9	7.2	110.93	26.50	2.45	319.00	205.63	1	0.894	47.74	
	24	30.3	58.1	7.2	110.90	23.10	1.86	319.00	206.24	1	0.873	40.74	
	25	28.6	54.3	7.2	110.87	21.40	1.59	319.00	206.53	1	0.858	37.19	
	26	26.1	52.4	7.2	110.86	18.90	1.24	319.00	206.90	1	0.834	31.96	
	27	28.6	61.7	7.2	111.04	21.40	1.59	319.00	206.35	1	0.858	37.15	
	28	33.7	73.1	7.2	111.01	26.50	2.45	319.00	205.54	1	0.894	47.72	
	29	30.3	72.9	7.2	111.00	23.10	1.86	319.00	206.14	1	0.873	40.72	
	30	34.4	60.0	7.2	110.91	28.30	2.97	319.00	205.12	1	0.905	53.12	
	31	41.0	64.1	7.2	110.94	33.90	3.96	319.00	204.08	1	0.913	61.62	69.33

POWER GENERATION SIMULATION

Year : 1958

Dam Axis B
F.S.L. = 319.00 m

Rated Head : 179.30 m
Max. Plant Discharge : 90.00 cms

Installed Capacity : 143.0 MW

Date		Discharge Dem (cms)	Discharge Fall (cms)	RMF or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit nos	Efficie ncy	Output MW	Monthly Ave. MW
Jan.	1	43.7	66.5	7.2	110.97	35.5	5.16	319.00	203.47	1	0.905	40.13	
	2	42.8	70.7	7.2	110.99	35.6	4.41	319.00	203.60	1	0.910	64.65	
	3	57.2	66.5	7.2	110.97	30.0	3.13	319.00	204.90	1	0.927	54.65	
	4	53.7	64.3	7.2	110.96	24.5	2.45	319.00	205.60	1	0.894	47.74	
	5	57.0	56.2	7.2	110.89	19.8	1.57	319.00	206.75	1	0.843	33.04	
	6	27.0	50.5	7.2	110.83	19.8	1.57	319.00	206.79	1	0.843	33.04	
	7	23.0	44.8	7.2	110.81	15.8	0.87	319.00	207.32	1	0.797	25.58	
	8	21.4	42.9	21.4	110.79	0.0	0.70	319.00	207.30	0	0.000	0.00	
	9	21.4	54.7	21.4	110.75	0.0	0.70	319.00	207.53	0	0.000	0.00	
	10	34.9	59.7	7.2	110.77	17.3	1.04	319.00	207.19	1	0.816	23.66	
	11	25.4	43.9	7.2	110.79	18.2	1.15	319.00	207.05	1	0.826	30.52	
	12	23.0	54.7	7.2	110.75	15.8	0.87	319.00	207.38	1	0.797	25.59	
	13	21.4	33.1	21.4	110.74	0.0	0.70	319.00	207.56	0	0.000	0.00	
	14	55.1	84.3	7.2	111.09	47.9	7.99	319.00	199.92	2	0.873	61.97	
	15	44.6	72.9	7.2	111.00	39.4	5.41	319.00	202.99	1	0.900	70.45	
	16	43.8	68.5	7.2	110.97	36.6	4.67	319.00	203.36	1	0.908	66.26	
	17	84.8	143.0	7.2	111.45	87.8	26.73	319.00	180.82	2	0.901	139.99	
	18	108.9	179.6	19.9	111.67	90.0	28.21	319.07	179.19	2	0.898	141.95	
	19	87.2	147.7	7.2	111.48	90.0	22.30	319.00	185.23	2	0.909	131.97	
	20	99.8	105.7	7.2	111.21	32.6	9.64	319.00	198.16	2	0.888	90.66	
	21	56.9	84.8	7.2	111.11	48.7	8.40	319.00	199.29	2	0.879	85.35	
	22	47.5	61.7	7.2	111.04	40.3	5.66	319.00	202.28	2	0.843	67.31	
	23	57.2	70.7	7.2	110.99	30.0	3.13	319.00	204.88	1	0.907	54.65	
	24	53.7	60.0	7.2	110.91	24.5	2.45	319.00	205.64	1	0.894	47.75	
	25	41.9	60.0	7.2	110.91	34.7	4.19	319.00	203.89	1	0.911	63.18	
	26	52.2	72.9	7.2	111.00	45.0	7.05	319.00	200.95	2	0.843	76.47	
	27	38.1	70.7	7.2	110.99	30.9	3.53	319.00	204.09	1	0.903	56.36	
	28	31.3	61.9	7.2	110.93	24.0	2.01	319.00	204.07	1	0.879	43.61	
	29	32.0	54.3	7.2	110.87	24.8	2.14	319.00	203.99	1	0.255	44.28	
	30	27.0	52.4	7.2	110.86	19.8	1.57	319.00	204.57	1	0.843	33.04	
	31	28.4	48.6	7.2	110.83	21.4	1.59	319.00	204.57	1	0.859	37.20	56.33
Feb.	1	34.5	50.3	7.2	110.83	17.3	1.04	319.00	207.11	1	0.816	28.65	
	2	22.3	44.6	22.2	110.83	0.0	0.73	319.00	207.30	0	0.000	0.00	
	3	20.6	42.9	20.6	110.79	0.0	0.63	319.00	207.58	0	0.000	0.00	
	4	19.0	41.4	19.0	110.78	0.0	0.48	319.00	207.73	0	0.000	0.00	
	5	18.1	34.7	18.1	110.75	0.0	0.41	319.00	207.84	0	0.000	0.00	
	6	23.9	39.7	7.2	110.77	16.6	0.96	319.00	207.37	1	0.807	27.22	
	7	43.0	84.8	7.2	111.11	34.6	4.67	319.00	203.23	1	0.908	64.22	
	8	65.4	108.6	7.2	111.24	58.2	11.80	319.00	195.97	2	0.900	100.56	
	9	44.7	86.3	7.2	111.09	37.5	4.90	319.02	203.01	1	0.906	67.42	
	10	31.2	61.9	7.2	110.93	24.0	2.01	319.00	204.07	1	0.879	43.61	
	11	25.4	50.5	7.2	110.85	18.2	1.15	319.00	207.00	1	0.826	30.51	
	12	23.8	42.9	7.2	110.79	16.6	0.96	319.00	207.25	1	0.807	27.22	
	13	20.6	39.7	20.6	110.77	0.0	0.63	319.00	207.60	0	0.000	0.00	
	14	18.1	34.7	18.1	110.75	0.0	0.41	319.00	207.84	0	0.000	0.00	
	15	19.0	35.1	18.8	110.74	0.0	0.53	319.00	207.71	0	0.000	0.00	
	16	21.4	64.8	21.4	110.81	0.0	0.70	319.00	207.49	0	0.000	0.00	
	17	34.1	42.9	7.2	110.79	18.9	1.24	319.00	206.96	1	0.834	31.97	
	18	21.4	58.1	21.4	110.90	0.0	0.70	319.00	207.40	0	0.000	0.00	
	19	53.2	77.3	7.2	111.03	46.0	7.37	319.00	200.80	2	0.867	75.38	
	20	105.4	218.8	10.4	111.89	90.0	28.21	319.02	178.92	2	0.898	141.78	
	21	223.6	476.3	133.6	112.87	90.0	28.21	319.44	178.35	2	0.899	141.42	
	22	203.6	351.5	113.6	112.49	90.0	28.21	319.34	178.69	2	0.899	141.63	
	23	173.5	274.7	83.5	112.18	90.0	28.21	319.29	178.90	2	0.898	141.77	
	24	167.2	255.8	77.2	111.86	90.0	28.21	319.06	178.97	2	0.898	141.82	
	25	85.3	247.6	7.2	112.04	78.1	21.34	319.00	185.72	2	0.910	129.37	
	26	147.1	338.3	57.1	112.51	90.0	28.21	319.22	178.49	2	0.898	141.51	
	27	153.7	263.2	63.7	112.21	90.0	28.21	319.17	178.75	2	0.899	141.68	
	28	121.3	270.3	31.3	112.15	90.0	28.21	319.12	178.76	2	0.899	141.68	
													62.99
Mar.	1	109.0	224.9	19.0	111.92	90.0	28.21	319.07	178.93	2	0.898	141.79	
	2	159.0	183.6	19.0	111.69	90.0	28.21	319.07	179.16	2	0.898	141.94	
	3	69.1	159.1	7.2	111.55	61.9	23.36	319.00	184.09	2	0.907	134.05	
	4	84.2	136.3	7.2	111.41	78.0	21.74	319.00	185.83	2	0.909	130.85	
	5	97.7	133.5	7.2	111.40	70.5	17.31	319.00	190.29	2	0.911	119.83	
	6	71.1	111.4	7.2	111.26	63.9	14.22	319.00	193.52	2	0.908	110.00	
	7	81.5	122.3	7.2	111.33	74.3	18.23	319.00	188.45	2	0.911	125.06	
	8	74.9	122.3	7.2	111.33	67.7	13.96	319.00	191.71	2	0.910	115.81	
	9	53.1	108.6	7.2	111.24	47.9	7.99	319.00	199.77	2	0.873	81.90	
	10	48.5	88.9	7.2	111.13	41.3	5.94	319.00	201.95	2	0.847	69.25	
	11	40.0	75.1	7.2	111.01	32.8	3.75	319.00	204.24	1	0.911	59.84	
	12	34.4	68.5	7.2	110.97	29.3	2.97	319.00	205.04	1	0.905	53.11	
	13	34.7	96.3	7.2	111.16	27.5	2.63	319.00	205.21	1	0.899	49.70	
	14	208.3	499.4	118.3	112.97	90.0	28.21	319.40	178.26	2	0.899	141.36	
	15	475.8	937.5	385.8	113.68	90.0	28.21	319.96	178.07	2	0.899	141.24	
	16	540.0	1053.2	450.0	113.81	90.0	28.21	320.07	178.04	2	0.899	141.22	
	17	606.7	983.8	516.7	113.73	90.0	28.21	320.18	178.24	2	0.899	141.35	
	18	716.0	1050.1	626.0	113.78	90.0	28.21	320.35	178.36	2	0.899	141.42	
	19	718.1	1104.2	628.1	113.84	90.0	28.21	320.35	178.26	2	0.899	141.36	
	20	619.0	828.6	529.0	113.52	90.0	28.21	320.20	178.47	2	0.899	141.49	
	21	662.4	662.1	572.4	113.14	90.0	28.21	319.93	178.58	2	0.899	141.57	
	22	264.7	430.8	174.7	112.75	90.0	28.21	319.53	178.59	2	0.899	141.56	
	23	176.6	313.7	86.6	112.34	90.0	28.21	319.31	178.74	2	0.899	141.68	
	24	178.7	351.5	88.7	112.49	90.0	28.21	319.32	178.62	2	0.899	141.59	
	25	153.8	273.5	63.8	112.16	90.0	28.21	319.24	178.64	2	0.899	141.75	
	26	124.2	218.8	34.2	111.80	90.0	28.21	319.13	179.03	2	0.898	141.85	
	27	103.3	185.5	13.3	111.71	90.0	28.21	319.04	179.12	2	0.898	141.91	
	28	90.0	164.9	7.2	111.59	82.8	23.88	319.00	183.53	2	0.906	135.00	
	29	82.4	164.9	7.2	111.47	75.2	19.48	319.00	187.84	2	0.911	126.14	
	30	75.8	139.1	7.2	111.49	68.6	16.58	319.00	191.18	2	0.911	117.07	
	31	71.1	164.9	7.2	111.59	63.9	14.22	319.00	193.19	2	0.908	109.80	122.66

Date		Discharge Dem (cms)	Discharge Fall (cms)	RMF or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit nos	Efficie ncy	Output MW	Monthly Ave. MW
Apr.	1	99.3	176.7	9.3	111.66	90.00	28.21	319.02	179.15	2	0.898	141.89	
	2	105.2	143.0	15.2	111.57	90.00	28.21	319.05	179.27	2	0.898	142.00	
	3	71.1	143.0	7.2	111.45	63.90	14.22	319.00	193.53	2	0.908	109.86	
	4	75.8	114.9	7.2	111.20	52.40	9.44	319.00	198.07	2	0.847	90.42	
	5	55.1	\	7.2	111.22	47.90	7.99	319.00	199.79	2	0.873	81.91	
	6	50.4	94.3	7.2	111.16	43.30	6.50	319.00	201.34	2	0.855	72.92	
	7	48.5	93.8	7.2	111.14	41.50	5.84	319.00	201.92	2	0.847	69.23	
	8	45.7	91.3	7.2	111.13	38.50	5.16	319.00	202.71	1	0.903	69.50	
	9	74.0	139.7	7.2	111.31	66.80	15.94	319.00	192.15	2	0.910	114.47	
	10	90.6	159.1	7.2	111.43	73.40	18.76	319.00	188.81	2	0.912	123.80	
	11	74.9	153.5	7.2	111.40	67.70	15.86	319.00	191.64	2	0.910	115.76	
	12	77.7	153.7	7.2	111.38	70.50	17.31	319.00	190.31	2	0.911	119.84	
	13	68.3	122.5	7.2	111.33	61.10	13.00	319.00	194.67	2	0.904	105.43	
	14	62.7	111.4	7.2	111.26	53.90	9.97	319.00	197.78	2	0.890	92.27	
	15	53.2	99.7	7.2	111.17	45.00	7.05	319.00	200.77	2	0.843	76.39	
	16	45.7	84.8	7.2	111.11	38.50	5.16	319.00	202.73	1	0.903	69.09	
	17	41.9	81.7	7.2	111.08	34.70	4.19	319.00	203.73	1	0.911	63.13	
	18	40.0	75.1	7.2	111.01	33.85	3.75	319.00	204.24	1	0.911	59.84	
	19	39.1	72.9	7.2	111.00	30.95	3.33	319.00	204.67	1	0.908	56.25	
	20	38.1	72.9	7.2	111.00	30.95	3.33	319.00	204.67	1	0.908	54.35	
	21	34.4	70.7	7.2	110.99	29.30	2.97	319.00	205.05	1	0.905	53.10	
	22	34.4	68.5	7.2	110.97	29.30	2.97	319.00	205.04	1	0.905	53.11	
	23	33.7	64.1	7.2	110.94	26.50	2.45	319.00	205.61	1	0.894	47.74	
	24	32.0	61.9	7.2	110.93	24.80	2.14	319.00	205.93	1	0.884	44.26	
	25	29.4	65.0	7.2	110.91	22.20	1.72	319.00	206.37	1	0.865	38.06	
	26	28.4	56.1	7.2	110.90	22.20	1.72	319.00	206.39	1	0.865	38.06	
	27	29.4	58.1	7.2	110.90	22.20	1.72	319.00	206.39	1	0.865	38.06	
	28	29.4	56.1	7.2	110.90	22.20	1.72	319.00	206.39	1	0.865	38.06	
	29	25.6	54.3	7.2	110.87	21.40	1.59	319.00	206.53	1	0.859	37.19	
	30	27.8	54.3	7.2	110.87	20.60	1.48	319.00	206.65	1	0.851	35.51	
													73.22
May	1	27.0	52.4	7.2	110.86	19.80	1.37	319.00	206.77	1	0.843	33.04	
	2	28.4	61.9	7.2	110.93	22.20	1.72	319.00	206.36	1	0.865	38.05	
	3	34.7	64.3	7.2	110.94	27.50	2.62	319.00	205.61	1	0.899	49.75	
	4	32.9	64.1	7.2	110.94	25.70	2.30	319.00	205.74	1	0.890	46.11	
	5	28.4	58.1	7.2	110.90	21.40	1.59	319.00	206.51	1	0.859	37.18	
	6	28.6	60.0	7.2	110.91	21.40	1.59	319.00	206.49	1	0.859	37.18	
	7	28.6	60.0	7.2	110.91	21.40	1.59	319.00	206.49	1	0.859	37.18	
	8	27.8	58.1	7.2	110.90	20.60	1.48	319.00	206.62	1	0.851	35.51	
	9	28.4	56.2	7.2	110.89	22.20	1.72	319.00	206.40	1	0.865	38.06	
	10	28.6	54.3	7.2	110.87	21.40	1.59	319.00	206.53	1	0.859	37.19	
	11	25.4	52.4	7.2	110.86	18.20	1.15	319.00	206.99	1	0.826	30.51	
	12	24.5	48.6	7.2	110.83	17.30	1.04	319.00	207.12	1	0.816	28.65	
	13	22.3	44.8	22.3	110.81	0.00	0.78	319.00	207.41	0	0.000	0.00	
	14	25.4	44.8	7.2	110.81	18.20	1.15	319.00	207.04	1	0.826	30.52	
	15	23.8	44.7	7.2	110.82	16.60	0.96	319.00	207.22	1	0.807	27.21	
	16	22.2	43.9	22.2	110.79	0.00	0.78	319.00	207.42	0	0.000	0.00	
	17	20.6	42.9	20.6	110.79	0.00	0.63	319.00	207.58	0	0.000	0.00	
	18	19.8	41.4	19.8	110.78	0.00	0.55	319.00	207.66	0	0.000	0.00	
	19	18.0	39.7	18.0	110.77	0.00	0.48	319.00	207.74	0	0.000	0.00	
	20	18.0	39.7	18.0	110.77	0.00	0.48	319.00	207.74	0	0.000	0.00	
	21	18.8	39.7	18.8	110.77	0.00	0.55	319.00	207.68	0	0.000	0.00	
	22	25.4	39.7	7.2	110.77	18.20	1.15	319.00	207.07	1	0.826	30.52	
	23	25.4	44.8	7.2	110.81	18.20	1.15	319.00	207.04	1	0.826	30.52	
	24	21.4	44.8	21.4	110.83	0.00	0.70	319.00	207.44	0	0.000	0.00	
	25	23.0	48.6	7.2	110.93	15.80	0.87	319.00	207.30	1	0.797	25.58	
	26	53.7	58.1	7.2	110.90	24.50	2.45	319.00	205.66	1	0.894	47.75	
	27	41.0	70.7	7.2	110.99	33.40	3.90	319.00	204.84	1	0.912	61.61	
	28	62.5	108.6	7.2	111.24	53.30	10.05	319.00	197.11	2	0.894	95.51	
	29	114.7	179.6	24.7	111.67	90.00	28.21	319.09	179.21	2	0.898	141.97	
	30	63.3	136.3	7.2	111.41	54.30	11.04	319.00	196.55	2	0.898	97.17	
	31	46.6	93.8	7.2	111.14	39.40	5.61	319.00	202.45	1	0.900	70.36	35.79
Jun.	1	36.4	70.7	7.2	110.99	29.20	2.97	319.00	205.05	1	0.905	53.10	
	2	32.0	61.9	7.2	110.93	24.80	2.14	319.00	205.93	1	0.884	44.26	
	3	28.4	58.1	7.2	110.90	22.20	1.72	319.00	206.36	1	0.865	38.06	
	4	27.0	54.3	7.2	110.87	19.80	1.37	319.00	206.76	1	0.843	33.04	
	5	25.4	52.4	7.2	110.86	18.20	1.15	319.00	206.99	1	0.826	30.51	
	6	29.4	61.9	7.2	110.93	22.20	1.72	319.00	206.36	1	0.865	38.05	
	7	38.1	68.5	7.2	110.97	30.90	3.33	319.00	204.70	1	0.903	56.36	
	8	33.7	66.3	7.2	110.96	26.50	2.45	319.00	205.60	1	0.894	47.74	
	9	28.6	60.0	7.2	110.91	21.40	1.59	319.00	206.49	1	0.859	37.18	
	10	25.4	58.1	7.2	110.90	18.20	1.15	319.00	206.95	1	0.826	30.50	
	11	42.8	119.7	7.2	111.31	35.40	4.41	319.00	203.28	1	0.910	64.55	
	12	73.0	153.4	7.2	111.52	63.80	15.08	319.00	192.40	2	0.909	112.81	
	13	149.0	351.5	59.0	112.49	90.00	28.21	319.22	178.52	2	0.899	141.53	
	14	348.8	775.2	258.8	113.37	90.00	28.21	319.72	178.14	2	0.899	141.28	
	15	245.9	436.4	155.9	112.77	90.00	28.21	319.49	178.51	2	0.899	141.52	
	16	180.6	293.1	70.6	112.25	90.00	28.21	319.26	178.80	2	0.899	141.71	
	17	191.4	390.9	101.4	112.62	90.00	28.21	319.35	178.52	2	0.899	141.52	
	18	175.6	348.0	85.6	112.47	90.00	28.21	319.30	178.62	2	0.899	141.59	
	19	140.4	289.7	50.4	112.24	90.00	28.21	319.19	178.75	2	0.899	141.67	
	20	113.8	234.6	23.8	111.97	90.00	28.21	319.09	178.90	2	0.898	141.77	
	21	97.7	194.4	7.7	111.76	90.00	28.21	319.00	179.04	2	0.898	141.86	
	22	83.3	167.8	7.2	111.61	76.10	21.34	319.00	184.15	2	0.910	129.65	
	23	75.5	153.4	7.2	111.52	68.40	16.58	319.00	191.00	2	0.911	117.02	
	24	67.3	133.5	7.2	111.40	60.10	12.56	319.00	195.02	2	0.903	103.71	
	25	62.5	119.7	7.2	111.31	55.30	10.05	319.00	197.04	2	0.894	95.47	
	26	57.8	111.4	7.2	111.26	50.60	8.02	319.00	198.83	2	0.882	86.95	
	27	54.1	106.2	7.2	111.22	46.90	7.66	319.00	200.12	2	0.870	80.01	
	28	50.4	98.3	7.2	111.16	43.20	6.50	319.00	201.34	2	0.855	72.92	
	29	47.5	93.8	7.2	111.14	40.30	5.66	319.00	202.30	2	0.842	67.58	
	30	45.7	86.3	7.2	111.09	38.50	5.16	319.00	202.73	1	0.903	69.10	
													89.30

POWER GENERATION SIMULATION

Dam Axis B — Rated Head : 179.50 m — Installed Capacity : 143.0 MW

Year : 1958 — F.S.L. = 319.00 m — Max. Plant Discharge : 90.00 cms

Date		Discharge Dam (cms)	Discharge P/H (cms)	R.W.P or Spillage (cms)	T.W. water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Effic. ncy	Output MW	Monthly Ave. MW
Jul.	1	41.9	83.9	7.3	111.07	34.7	4.19	319.00	203.73	1	0.911	63.13	
	2	41.0	78.5	7.2	111.04	33.8	3.96	319.00	203.96	1	0.912	61.99	
	3	40.0	81.7	7.2	111.06	32.8	3.75	319.00	204.19	1	0.911	59.82	
	4	41.0	73.1	7.3	111.01	33.6	3.96	319.00	204.01	1	0.913	61.45	
	5	34.1	73.1	7.2	111.01	30.9	3.33	319.00	204.66	1	0.908	54.35	
	6	34.1	72.9	7.3	111.00	30.9	3.33	319.00	204.67	1	0.908	54.39	
	7	34.7	68.5	7.2	110.97	27.5	2.63	319.00	205.40	1	0.899	49.73	
	8	33.7	64.1	7.3	110.94	26.5	2.45	319.00	205.61	1	0.894	47.74	
	9	32.0	61.9	7.2	110.93	24.8	2.13	319.00	205.93	1	0.884	44.26	
	10	30.3	60.0	7.2	110.91	23.1	1.86	319.00	206.23	1	0.873	40.76	
	11	28.4	58.1	7.2	110.90	22.2	1.72	319.00	206.38	1	0.865	38.86	
	12	29.4	58.1	7.2	110.90	22.2	1.72	319.00	206.38	1	0.865	39.86	
	13	28.6	58.1	7.2	110.90	21.4	1.59	319.00	206.51	1	0.859	37.18	
	14	23.8	56.2	7.2	110.89	14.6	0.96	319.00	207.15	1	0.807	27.20	
	15	22.3	33.4	22.2	110.86	0.0	0.78	319.00	207.34	0	0.000	0.00	
	16	64.5	72.9	7.2	111.00	57.3	11.43	319.00	196.57	2	0.898	99.16	
	17	97.2	111.4	7.3	111.26	83.0	22.20	319.00	185.44	2	0.909	122.12	
	18	77.7	128.0	7.2	111.36	76.5	17.31	319.00	190.33	2	0.911	119.86	
	19	56.0	96.3	7.2	111.15	44.8	8.29	319.00	199.55	2	0.876	83.64	
	20	44.7	78.5	7.2	111.04	37.5	4.99	319.00	203.86	1	0.906	67.43	
	21	40.0	70.7	7.2	110.99	32.8	3.73	319.00	204.27	1	0.911	59.93	
	22	37.2	64.1	7.2	110.94	30.0	3.13	319.00	204.93	1	0.907	54.66	
	23	33.7	61.9	7.3	110.93	26.5	2.45	319.00	205.63	1	0.894	47.74	
	24	32.5	58.1	7.2	110.90	25.7	2.30	319.00	205.80	1	0.890	46.12	
	25	30.1	58.1	7.2	110.90	23.1	1.86	319.00	206.24	1	0.873	40.74	
	26	32.9	54.3	7.2	110.87	25.7	2.30	319.00	205.83	1	0.890	46.13	
	27	41.0	54.3	7.2	110.87	33.8	3.96	319.00	204.15	1	0.913	61.64	
	28	85.3	103.7	7.2	111.21	78.1	21.34	319.00	186.55	2	0.910	129.82	
	29	140.4	185.5	38.6	111.71	90.0	34.21	319.19	179.27	2	0.898	143.00	
	30	123.3	194.4	33.3	111.76	90.0	29.21	319.13	179.16	2	0.898	141.94	
	31	89.1	130.6	7.2	111.30	81.9	23.36	319.00	184.14	2	0.907	134.09	67.44
Aug.	1	71.1	139.7	7.2	111.31	63.9	14.22	319.00	195.47	2	0.926	108.97	
	2	61.7	101.2	7.2	111.19	54.5	10.34	319.00	197.47	2	0.903	94.11	
	3	54.1	93.8	7.2	111.14	46.9	7.66	319.00	200.20	2	0.870	80.05	
	4	48.6	83.9	7.2	111.07	42.2	6.20	319.00	201.72	2	0.851	71.03	
	5	44.7	70.7	7.2	110.99	37.5	4.99	319.00	203.12	1	0.906	67.05	
	6	41.9	77.3	7.2	111.03	34.7	4.19	319.00	203.78	1	0.911	63.14	
	7	1313.8	167.6	41.8	111.41	90.0	28.21	319.16	179.35	2	0.898	143.00	
	8	660.3	635.2	390.3	113.20	90.0	28.21	319.94	179.56	2	0.899	141.53	
	9	492.2	664.1	402.3	113.25	90.0	28.21	319.99	179.53	2	0.899	141.57	
	10	305.8	513.3	213.8	112.96	90.0	28.21	319.63	179.45	2	0.899	141.49	
	11	192.4	344.6	102.4	112.46	90.0	28.21	319.35	179.46	2	0.899	141.63	
	12	166.5	257.3	76.5	112.09	90.0	28.21	319.26	179.38	2	0.898	141.83	
	13	139.4	212.7	49.4	111.86	90.0	28.21	319.19	179.12	2	0.898	141.91	
	14	117.6	182.6	27.6	111.69	90.0	28.21	319.11	179.20	2	0.898	141.96	
	15	101.4	162.0	11.4	111.57	90.0	28.21	319.03	179.23	2	0.898	141.99	
	16	99.1	159.1	7.2	111.43	81.9	23.36	319.00	184.21	2	0.907	134.13	
	17	80.6	128.0	7.2	111.36	72.4	18.76	319.00	188.87	2	0.912	123.83	
	18	71.1	114.2	7.2	111.27	63.9	14.22	319.00	189.51	2	0.908	109.99	
	19	64.4	106.2	7.2	111.22	59.2	12.53	319.00	189.57	2	0.902	102.29	
	20	61.7	96.7	7.2	111.17	54.5	10.34	319.00	197.48	2	0.892	94.12	
	21	57.8	93.8	7.2	111.14	50.6	8.92	319.00	198.94	2	0.882	87.01	
	22	52.2	86.3	7.2	111.09	45.0	7.05	319.00	200.86	2	0.843	76.43	
	23	48.5	83.9	7.2	111.07	41.3	5.84	319.00	201.99	2	0.847	69.26	
	24	44.6	70.5	7.2	111.04	39.4	5.41	319.00	202.53	1	0.902	70.98	
	25	43.7	57.3	7.2	111.03	36.5	5.16	319.00	202.81	1	0.900	69.12	
	26	41.8	72.9	7.2	111.00	34.6	4.67	319.00	203.33	1	0.908	64.25	
	27	41.9	70.7	7.2	110.99	34.7	4.19	319.00	203.82	1	0.911	63.15	
	28	52.2	72.9	7.2	111.00	45.0	7.05	319.00	200.95	2	0.843	74.47	
	29	138.7	167.8	44.7	111.41	90.0	28.21	319.25	179.44	2	0.896	142.00	
	30	153.7	234.9	45.7	111.92	90.0	28.21	319.24	179.11	2	0.898	141.90	
	31	107.2	164.9	17.2	111.39	90.0	28.21	319.04	179.24	2	0.898	142.00	107.43
Sep.	1	80.6	122.5	7.2	111.33	73.4	18.76	319.00	188.91	2	0.913	123.87	
	2	71.1	108.6	7.2	111.24	63.9	14.22	319.00	193.54	2	0.908	110.01	
	3	64.4	98.7	7.2	111.17	59.2	12.21	319.00	195.62	2	0.902	102.32	
	4	61.7	96.3	7.2	111.16	54.5	10.34	319.00	197.50	2	0.892	94.13	
	5	56.5	86.8	7.2	111.11	48.8	8.39	319.00	199.40	2	0.876	83.86	
	6	54.9	83.9	7.2	111.07	47.7	8.00	319.00	199.32	2	0.879	83.57	
	7	109.0	139.7	19.0	111.31	90.0	28.21	319.07	179.35	2	0.898	142.00	
	8	256.5	269.7	146.5	112.34	90.0	28.21	319.47	179.02	2	0.898	141.83	
	9	182.8	277.3	93.8	112.09	90.0	28.21	319.33	179.05	2	0.898	141.83	
	10	337.7	441.2	247.7	112.83	90.0	28.21	319.98	178.65	2	0.899	141.61	
	11	445.3	451.7	373.3	113.23	90.0	28.21	319.94	178.50	2	0.899	141.52	
	12	345.5	441.2	250.5	112.83	90.0	28.21	319.70	178.66	2	0.899	141.62	
	13	234.1	360.9	164.1	112.62	90.0	28.21	319.51	178.87	2	0.898	141.63	
	14	318.3	503.2	228.3	112.95	90.0	28.21	319.65	178.51	2	0.899	141.52	
	15	495.2	676.5	405.2	113.27	90.0	28.21	319.99	178.51	2	0.899	141.52	
	16	538.5	748.1	438.5	113.39	90.0	28.21	320.05	178.45	2	0.899	141.48	
	17	425.0	564.9	335.0	113.07	90.0	28.21	319.86	178.59	2	0.899	141.57	
	18	378.4	590.9	288.4	113.42	90.0	28.21	319.56	178.73	2	0.899	141.66	
	19	192.4	293.1	102.4	112.23	90.0	28.21	319.33	179.09	2	0.898	141.74	
	20	153.6	228.1	63.6	111.94	90.0	28.21	319.24	179.09	2	0.898	141.89	
	21	139.0	197.5	39.9	111.78	90.0	28.21	319.15	179.17	2	0.898	141.94	
	22	116.7	179.6	34.7	111.67	90.0	28.21	319.10	179.32	2	0.898	141.97	
	23	109.0	169.8	19.0	111.59	90.0	28.21	319.07	179.37	2	0.898	142.00	
	24	144.2	153.5	54.2	111.71	90.0	28.21	319.21	179.29	2	0.898	142.00	
	25	256.5	334.3	146.5	112.41	90.0	28.21	319.53	178.88	2	0.898	141.78	
	26	328.6	495.4	236.6	112.67	90.0	28.21	319.67	178.79	2	0.898	141.70	
	27	228.3	303.4	136.3	112.30	90.0	28.21	319.45	178.94	2	0.898	141.80	
	28	180.6	241.1	70.6	112.01	90.0	28.21	319.26	179.04	2	0.898	141.86	
	29	133.7	200.5	43.7	111.79	90.0	28.21	319.17	179.17	2	0.898	141.94	
	30	118.5	179.6	28.5	111.67	90.0	28.21	319.11	179.22	2	0.898	141.94	
													131.39

Date		Discharge Dam (cms)	Discharge P/H (cms)	R.W.P or Spillage (cms)	T.W. water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Effic. ncy	Output MW	Monthly Ave. MW
Oct.	1	162.2	162.0	15.2	111.57	90.00	28.21	319.03	179.37	2	0.898	142.00	
	2	99.5	144.8	9.5	111.47	90.00	28.21	319.02	179.34	2	0.898	142.00	
	3	94.8	142.8	7.2	111.45	87.60	26.79	319.00	180.82	2	0.901	139.89	
	4	101.3	147.7	14.3	111.48	90.00	28.21	319.04	179.35	2	0.898	142.00	
	5	158.9	179.6	30.9	111.67	90.00	28.21	319.15	179.37	2	0.898	142.00	
	6	471.0	548.3	341.0	113.03	90.00	28.21	319.88	178.83	2	0.899	141.60	
	7	536.8	752.3	446.8	113.44	90.00	28.21	320.06	178.79	2	0.899	141.64	
	8	456.8	548.7	378.8	113.11	90.00	28.21	319.94	178.62	2	0.899	141.59	
	9	295.0	548.3	205.0	112.65	90.00	28.21	319.60	178.74	2	0.899	141.67	
	10	362.6	388.1	122.6	112.25	90.00	28.21	319.38	178.82	2	0.898	141.78	
	11	191.4	274.7	101.4	112.18	90.00	28.21	319.35	178.94	2	0.898	141.81	
	12	198.1	294.6	108.1	112.27	90.00	28.21	319.37	178.89	2	0.898	141.76	
	13	171.5	260.5	81.5	112.10	90.00	28.21	319.28	178.96	2	0.898	141.82	
	14	142.3	213.7	52.3	111.86	90.00	28.21	319.20	179.13	2	0.898	141.82	
	15	123.3	186.3	52.3	111.72	90.00	28.21	319.12	179.19	2	0.898	141.93	
	16	104.3	167.6	14.3	111.61	90.00	28.21	319.04	179.33	2	0.898	141.98	
	17	104.3	153.4	14.3	111.52	90.00	28.21	319.04	179.31	2	0.898	142.00	
	18	108.0	167.7	19.0	111.65	90.00	28.21	319.07	179.37	2	0.898	142.00	
	19	93.9	138.1	7.2	111.45	86.60	26.12	319.00	181.43	2	0.903	136.94	
	20	81.5	125.2	7.2	111.34	74.30	19.32	319.00	188.43	2	0.911	125.05	
	21	74.0	114.2	7.2	111.27	66.60	15.54	319.00	193.19	2	0.910	114.49	
	22	67.9	104.2	7.2	111.22	60.50	13.38	319.00	196.30	2	0.908	103.81	
	23	74.9	108.6	7.2	111.24	67.70	15.96	319.00	191.80	2	0.911	115.86	
	24	141.3	176.7	51.3	111.66	90.00	28.21	319.20	179.33	2	0.898	142.00	
	25	110.8	163.6	30.9	111.49	90.00	28.21	319.08	179.17	2	0.898	141.84	
	26	137.5	206.6	47.5	111.83	90.00	28.21	319.18	179.15	2	0.898	141.85	
	27	161.6	194.4	71.6	111.76	90.00	28.21	319.26	179.29	2	0.898	142.00	
	28	118.5	175.7	28.5	111.64	90.00	28.21	319.11	179.26	2	0.898	142.00	
	29	95.7	144.9	7.2	111.47	88.50	27.28	319.00	180.26	2	0.900	140.71	
	30	83.4	125.2	7.2	111.34	76.20	20.32	319.00	187.43	2	0.911	127.49	
	31	108.5	153.4	28.5	111.52	90.00	28.21	319.29	179.56	2	0.898	142.00	137.72
Nov.	1	122.3	179.6	32.3	111.67	90.00	28.21	319.12	179.24	2	0.898	141.99	
	2	80.6	130.7	7.2	111.35	73.40	18.76	319.00	188.86	2	0.912	123.84	
	3	70.1	104.2	7.2	111.23	62.80	13.78	319.00	194.00	2	0.907	108.42	
	4	63.5	94.3	7.2	111.16	56.50	11.04	319.00	196.00	2	0.886	97.32	
	5	54.9	83.9	7.2	111.07	49.70	8.80	319.00	198.32	2	0.879	85.37	
	6	51.3	63.9	7.2	111.07	44.10	6.77	319.00	201.15	2	0.839	74.78	
	7	44.6	73.1	7.2	111.01	39.40	5.41	319.00	202.58	1	0.900	70.38	
	8	42.8	70.7	7.2	110.99	35.60	4.41	319.00	203.60	1	0.910	64.65	
	9	41.9	61.9	7.2	110.93	33.80	3.96	319.00	204.10	1	0.912	61.68	
	10	30.4	70.7	7.2	110.99	43.20	6.30	319.00	201.32	2	0.854	73.80	
	11	105.0	179.7	95.0	111.64	90.00	28.21	319.33	179.48	2	0.898	142.00	
	12	198.1	254.1	108.1	112.07	90.00	28.21	319.57	179.08	2	0.898	141.88	
	13	148.0	208.7	54.0	111.84	90.00	28.21	319.32	179.17	2	0.898	141.94	
	14	113.8	170.5	23.8	111.62	90.00	28.21	319.09	179.26	2	0.898	142.00	
	15	91.9	136.3	7.2	111.41	84.70	24.98	319.00	182.60	2	0.904	137.08	
	16	157.5	153.4	47.5	111.52	90.00	28.21	319.18	179.45	2	0.898	142.00	
	17	348.8	573.1	498.8	113.08	90.00	28.21	320.14	178.85	2	0.899	141.76	
	18	308.0	367.3	218.0	112.61	90.00	28.21	319.62	178.98	2	0.898	141.70	
	19	195.5	250.5	105.5	112.06	90.00	28.21	319.56	179.09	2	0.898	141.89	
	20	234.1	313.7	186.1	112.34	90.00	28.21	319.51	178.84	2	0.898	141.81	
	21	208.6	289.7	133.6	112.24	90.00	28.21	319.38	178.84	2	0.898	141.78	
	22	180.5	226.1	78.5	111.94	90.00	28.21	319.23	179.13	2	0.898	141.92	
	23	153.7	186.5	43.7	111.73	90.00	28.21	319.17	179.23	2	0.898	141.98	
	24	137.5	179.6	47.5	111.67	90.00	28.21	319.13	179.20	2	0.898	142.00	
	25	163.6	218.8	73.6	111.89	90.00	28.21	319.27	179.17	2	0.898	141.94	
	26	149.0	208.6	59.0	111.81	90.00	28.21	319.27	179.30	2	0.898	141.96	
	27	136.6	182.6	46.6	111.69	90.00	28.21	319.18	179.28	2	0.898	142.00	
	28	115.7	170.6	26.7	111.50	90.00	28.21	319.10	179.39	2	0.898	142.00	
	29	102.3	130.7	12.3	111.39	90.00	28.21	319.03	179.44	2	0.898	142.00	
	30	93.8	132.7	7.2	111.34	86.60	26.12	319.00	181.50	2	0.902	138.99	
													134.40
Dec.	1	93.9	125.2	7.2	111.34	83.70	25.96	319.00	182.66	2	0.903	138.14	
	2	105.3	133.5	13.3	111.39	90.00	28.21	319.04	179.30	2	0.898	142.00	
	3	128.0	147.7	34.0	111.48	90.00	28.21	319.15	179.43	2	0.898	142.00	
	4	121.3	163.0	31.3	111.57	90.00	28.21	319.12	179.34	2	0.898	142.00	
	5	109.8	167.8	19.8	111.61	90.00	28.21	319.07	179.35	2	0.898	142.00	
	6	96.7	164.9	7.2	111.59	89.30	27.80	319.00	179.51	2	0.898	141.73	
	7	158.2	154.3	16.2	111.54	90.00	28.21	319.05	179.31	2	0.898	142.00	
	8	134.7	176.7	34.7	111.66	90.00	28.21	319.19	179.23	2	0.898	141.96	
	9	97.7	228.1	7.7	111.94	90.00	28.21	319.00	178.85	2	0.899	141.74	
	10	90.0	224.9	7.2	111.92	82.80	23.88	319.00	183.50	2	0.907	134.78	
	11	72.1	170.6	7.2	111.67	65.00	14.22	319.00	188.10	2	0.908	108.74	
	12	107.2	176.7	17.2	111.66	90.00	28.21	319.06	179.19	2	0.898	141.95	
	13	87.3	153.4	7.2	111.52	80.00	23.38	319.00	185.19	2	0.898	131.94	
	14	117.6	191.5	27.6	111.74	90.00	28.21	319.11	179.13	2	0.898	141.85	
	15	147.6	190.9	77.6	111.62	90.00	28.21	319.28	178.45	2	0.899	141.48	
	16	134.8	372.8	64.8	112.54	90.00	28.21	319.24	178.47	2	0.899	141.49	
	17	143.3	247.6	52.9	112.04	90.00	28.21	319.20	178.95	2	0.898	141.80	
	18	195.7	405.4	105.7	112.67	90.00	28.21	319.34	178.48	2	0.899	141.50	
	19	181.8	196.5	91.8	112.31	90.00	28.21	319.32	178.60	2	0.898	141.58	
	20	173.5	317.2	83.5	112.35	90.00	28.21	319.30	178.73	2	0.899	141.66	
	21	176.6	289.7	86.6	112.24	90.00	28.21	319.31	178.86	2	0.899	141.75	
	22	166.5	370.5	76.5	112.15	90.00	28.21	319.26	178.93	2	0.899	141.78	
	23	151.9	237.9	61.9	111.99	90.00	28.21	319.23	179.05	2	0.898	141.85	
	24	138.0	202.3	34.0	111.79	90.00	28.21	319.13	179.14	2	0.898	141.93	
	25	106.2	173.7	16.2	111.64	90.00	28.21	319.05	179.20	2	0.898	141.96	
	26	93.8	153.4	7.2	111.52	86.60	26.12	319.00	181.36	2	0.902	138.90	
	27	86.2	139.1	7.2	111.43	79.00	21.74	319.00	185.82	2	0.908	120.84	
	28	77.7	128.0	7.2	111.36	70.50	17.31	319.00	190.53	2	0.911	119.86	
	29	70.1	111.4	7.2	111.26	62.90	13.78	319.00	193.97	2	0.907	108.49	
	30	63.5	105.7	7.2	111.21	55.30	10.85	319.00	197.14	2	0.904	95.52	
	31	70.1	101.5	7.2	111.74	62.90	13.78	319.00	193.48	2	0.906	108.10	135.30

POWER GENERATION SIMULATION

Dam Axis 0 — Rated Head : 179.30 m — Installed Capacity : 162.0 MW

Year : 1959 — F.S.L. = 319.00 m — Max. Plant Discharge : 90.00 cms

Date		Discharge Dam (cms)	Discharge P/H (cms)	RMP or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Efficie ncy	Output MW	Monthl y Ave. MW
Jan.	1	69.2	162.0	7.2	111.57	62.0	13.39	319.00	194.04	2	0.905	106.75	
	2	79.6	130.7	7.2	111.58	72.4	18.26	319.00	188.57	3	0.912	123.49	
	3	69.2	135.5	7.2	111.60	62.0	13.39	319.00	194.21	2	0.905	106.85	
	4	80.6	138.1	7.2	111.43	73.4	18.76	319.00	188.61	3	0.913	123.90	
	5	119.4	208.7	29.4	111.84	90.0	28.21	319.11	179.04	2	0.828	141.87	
	6	99.5	197.5	9.5	111.78	90.0	28.21	319.02	179.03	2	0.898	141.83	
	7	63.9	123.4	7.2	111.52	78.1	21.24	319.00	184.34	2	0.910	129.71	
	8	95.8	130.1	7.2	111.55	66.6	26.12	319.00	181.33	2	0.902	138.68	
	9	90.0	147.7	7.2	111.48	82.8	23.98	319.00	183.64	2	0.906	125.07	
	10	68.2	122.5	7.2	111.55	61.0	13.29	319.00	194.29	2	0.904	106.90	
	11	99.8	105.7	7.3	111.21	53.6	9.64	319.00	198.16	2	0.838	93.66	
	12	60.7	103.7	7.2	111.21	53.5	9.97	319.00	197.83	2	0.890	92.30	
	13	57.8	106.2	7.2	111.32	50.6	8.82	319.00	198.86	2	0.882	86.97	
	14	55.1	93.6	7.2	111.14	47.9	7.99	319.00	199.67	2	0.873	81.93	
	15	48.5	84.3	7.2	111.09	41.3	5.94	319.00	201.97	2	0.847	69.25	
	16	43.8	78.5	7.2	111.05	36.6	4.67	319.00	203.29	1	0.908	64.36	
	17	53.3	91.9	7.2	111.12	46.0	7.37	319.00	200.51	2	0.867	78.34	
	18	71.1	130.3	7.2	111.40	63.9	14.32	319.00	193.34	2	0.908	120.91	
	19	53.1	125.2	7.2	111.34	47.9	7.99	319.00	199.67	2	0.873	81.85	
	20	44.7	91.3	7.2	111.12	37.5	4.90	319.00	202.98	1	0.906	67.61	
	21	54.1	81.7	7.2	111.06	30.9	3.33	319.00	204.62	1	0.920	54.35	
	22	38.1	79.5	7.2	111.04	30.9	3.33	319.00	204.63	1	0.909	54.34	
	23	62.5	108.6	7.2	111.34	55.3	10.65	319.00	197.11	2	0.894	93.51	
	24	73.0	114.2	7.2	111.27	65.8	15.08	319.00	192.65	2	0.909	112.96	
	25	54.0	94.9	7.2	111.16	48.8	8.39	319.00	199.35	2	0.878	83.64	
	26	42.8	79.5	7.2	111.04	33.6	4.41	319.00	203.54	1	0.910	64.63	
	27	37.2	64.5	7.2	110.97	30.0	3.13	319.00	204.90	1	0.907	54.48	
	28	34.7	61.9	7.2	110.93	27.5	2.63	319.00	205.44	1	0.889	49.76	
	29	34.7	61.9	7.2	110.93	27.5	2.63	319.00	205.44	1	0.889	49.76	
	30	31.2	60.0	7.2	110.91	24.0	2.01	319.00	206.06	1	0.879	43.61	
	31	37.7	54.3	7.2	110.87	24.5	2.45	319.00	205.68	1	0.894	47.76	90.10
Feb.	1	92.0	54.9	7.2	110.87	24.0	2.14	319.00	205.99	1	0.884	44.38	
	2	41.9	54.2	7.2	110.88	34.7	4.19	319.00	203.92	1	0.911	63.18	
	3	54.1	64.1	7.2	110.94	30.9	3.33	319.00	204.79	1	0.909	54.37	
	4	37.7	54.2	7.2	110.89	24.5	2.45	319.00	205.67	1	0.894	47.72	
	5	39.1	60.0	7.2	110.91	31.9	3.54	319.00	204.54	1	0.911	58.23	
	6	42.8	72.9	7.2	111.00	33.6	4.41	319.00	203.59	1	0.910	64.63	
	7	47.5	75.1	7.2	111.01	40.3	5.66	319.00	202.33	2	0.843	67.33	
	8	67.9	93.8	7.2	111.14	60.1	12.38	319.00	195.28	2	0.900	109.86	
	9	157.8	200.5	67.8	111.78	90.0	28.31	319.25	179.35	2	0.898	141.99	
	10	154.8	218.8	64.8	111.89	90.0	28.21	319.34	179.14	2	0.898	141.82	
	11	119.5	179.6	29.5	111.67	90.0	28.21	319.11	179.22	2	0.898	141.98	
	12	104.3	162.0	14.3	111.57	90.0	28.21	319.04	179.28	2	0.898	142.00	
	13	81.5	130.7	7.2	111.38	74.3	19.23	319.00	186.39	2	0.911	125.03	
	14	80.6	132.6	7.2	111.49	73.4	18.76	319.00	186.54	2	0.912	123.63	
	15	108.1	164.9	18.1	111.59	90.0	28.21	319.04	179.26	2	0.898	142.00	
	16	93.9	153.4	7.2	111.52	83.7	25.38	319.00	181.80	2	0.903	138.03	
	17	84.3	133.5	7.2	111.40	77.1	20.70	319.00	186.90	2	0.910	128.57	
	18	71.1	132.5	7.2	111.33	63.9	14.32	319.00	193.45	2	0.908	120.94	
	19	62.5	114.2	7.2	111.27	55.3	10.65	319.00	197.08	2	0.894	93.49	
	20	83.4	159.7	7.2	111.51	76.2	20.22	319.00	187.47	2	0.911	127.51	
	21	132.8	150.6	42.8	111.50	90.0	28.31	319.17	179.45	2	0.898	142.00	
	22	211.9	313.7	121.9	112.34	90.0	28.21	319.41	178.86	2	0.899	141.74	
	23	234.5	289.7	146.5	112.34	90.0	28.21	319.47	178.82	2	0.898	141.85	
	24	189.2	228.3	99.2	111.94	90.0	28.21	319.34	178.19	2	0.898	141.96	
	25	189.2	234.9	99.2	111.92	90.0	28.21	319.34	179.21	2	0.898	141.97	
	26	177.7	218.8	87.7	111.89	90.0	28.21	319.31	179.21	2	0.898	141.97	
	27	183.6	194.4	70.6	111.76	90.0	28.21	319.26	179.29	2	0.898	142.00	
	28	141.3	162.0	51.3	111.57	90.0	28.21	319.20	179.41	2	0.898	142.00	
													114.26
Mar.	1	117.6	139.1	27.6	111.43	90.0	28.21	319.11	179.44	2	0.898	142.00	
	2	97.2	125.2	7.2	111.34	80.0	22.28	319.00	185.37	2	0.908	132.06	
	3	70.1	98.7	7.2	111.17	62.9	13.78	319.00	194.05	2	0.907	108.45	
	4	61.7	86.3	7.2	111.09	54.5	10.34	319.00	197.57	2	0.892	94.16	
	5	54.1	77.3	7.2	111.03	46.9	7.66	319.00	200.31	2	0.870	80.30	
	6	48.5	72.9	7.2	111.00	41.3	5.94	319.00	202.06	2	0.847	69.29	
	7	52.2	68.5	7.2	110.97	45.0	7.05	319.00	200.94	2	0.865	76.49	
	8	46.6	64.1	7.2	110.94	39.4	5.41	319.00	202.65	1	0.900	70.41	
	9	41.9	61.9	7.2	110.93	34.7	4.19	319.00	203.86	1	0.911	63.17	
	10	39.1	61.9	7.2	110.93	30.9	3.33	319.00	204.75	1	0.909	54.37	
	11	34.7	54.2	7.2	110.89	27.5	2.63	319.00	205.44	1	0.889	49.77	
	12	32.9	50.5	7.2	110.85	25.7	2.30	319.00	205.85	1	0.890	44.13	
	13	34.1	58.1	7.2	110.90	30.9	3.33	319.00	204.78	1	0.908	54.38	
	14	41.9	70.7	7.2	110.99	34.7	4.19	319.00	203.82	1	0.911	63.15	
	15	39.1	79.5	7.2	111.04	31.9	3.54	319.00	204.41	1	0.911	58.20	
	16	32.0	61.9	7.2	110.93	24.8	2.14	319.00	205.93	1	0.884	44.26	
	17	55.1	64.3	7.2	110.94	47.9	7.99	319.00	200.05	2	0.874	82.04	
	18	98.6	136.3	8.6	111.41	90.0	28.21	319.01	179.39	2	0.898	142.00	
	19	73.0	125.2	7.2	111.34	65.8	15.08	319.00	192.56	2	0.909	112.92	
	20	44.6	81.7	7.2	111.06	39.4	5.41	319.00	202.53	1	0.900	70.38	
	21	37.2	64.1	7.2	110.94	30.0	3.13	319.00	204.93	1	0.907	54.46	
	22	33.7	58.1	7.2	110.90	26.5	2.45	319.00	205.66	1	0.894	47.75	
	23	37.2	58.1	7.2	110.90	30.0	3.13	319.00	204.97	1	0.907	54.47	
	24	50.4	72.7	7.2	110.99	43.3	6.50	319.00	201.52	2	0.856	73.00	
	25	48.5	72.9	7.2	111.00	41.3	5.94	319.00	202.06	2	0.847	69.29	
	26	41.0	64.1	7.2	110.94	32.8	3.96	319.00	204.08	1	0.912	61.42	
	27	34.7	54.2	7.2	110.89	27.5	2.63	319.00	205.48	1	0.899	49.77	
	28	30.3	52.4	7.2	110.86	23.1	1.86	319.00	206.28	1	0.872	40.75	
	29	29.4	48.6	7.2	110.83	22.2	1.72	319.00	206.45	1	0.866	38.87	
	30	26.1	44.8	7.2	110.81	18.9	1.24	319.00	206.95	1	0.831	31.97	
	31	25.4	42.8	7.2	110.79	18.2	1.15	319.00	207.05	1	0.826	30.52	70.03

Date		Discharge Dam (cms)	Discharge P/H (cms)	RMP or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Efficie ncy	Output MW	Monthl y Ave. MW
Apr.	1	24.5	59.7	7.2	110.77	17.30	1.04	319.00	207.19	1	0.816	28.46	
	2	25.0	59.7	7.2	110.77	13.80	0.67	319.00	207.56	1	0.797	25.59	
	3	23.8	59.7	7.2	110.77	16.40	0.86	319.00	207.27	1	0.807	27.22	
	4	63.4	98.7	7.2	111.17	56.20	11.80	319.00	194.05	2	0.900	100.62	
	5	74.0	125.2	7.2	111.34	66.80	15.54	319.00	192.13	2	0.910	114.44	
	6	153.5	170.8	53.5	111.62	90.00	28.21	319.13	179.30	2	0.898	142.00	
	7	80.6	147.7	7.2	111.48	73.40	18.76	319.00	186.75	2	0.912	123.77	
	8	75.8	116.9	7.2	111.29	68.60	16.39	319.00	191.32	2	0.911	117.16	
	9	64.5	105.7	7.2	111.21	57.30	11.43	319.00	196.36	2	0.898	99.04	
	10	48.5	83.9	7.2	111.07	41.30	5.94	319.00	201.99	2	0.847	69.26	
	11	41.9	70.7	7.2	110.99	34.70	4.19	319.00	203.82	1	0.911	63.15	
	12	37.2	61.9	7.2	110.93	30.00	3.13	319.00	204.84	1	0.907	54.46	
	13	34.7	58.1	7.2	110.90	27.50	2.63	319.00	205.47	1	0.889	49.77	
	14	31.2	52.4	7.2	110.84	24.00	2.01	319.00	206.13	1	0.879	43.62	
	15	30.3	50.5	7.2	110.85	23.10	1.86	319.00	206.29	1	0.873	40.79	
	16	28.6	44.0	7.2	110.81	21.40	1.59	319.00	206.80	1	0.859	37.30	
	17	26.1	43.9	7.2	110.79	18.80	1.24	319.00	206.96	1	0.834	31.97	
	18	23.8	59.7	7.2	110.77	16.40	0.86	319.00	207.27	1	0.807	27.22	
	19	23.2	38.3	23.2	110.76	0.00	0.78	319.00	207.44	0	0.000	0.00	
	20	23.0	36.7	7.2	110.75	13.80	0.67	319.00	207.38	1	0.797	25.59	
	21	42.8	42.8	7.2	110.78	33.60	4.41	319.00	203.79	1	0.910	64.71	
	22	90.0	81.7	7.2	111.06	82.80	23.98	319.00	184.04	2	0.906	135.35	
	23	96.7	130.7	7.2	111.34	89.50	27.80	319.00	179.72	2	0.893	141.66	
	24	73.0	122.5	7.2	111.33	64.80	14.93	319.00	193.05	2	0.908	111.37	
	25	53.2	88.8	7.2	111.11	46.00	7.37	319.00	200.52	2	0.867	78.34	
	26	328.0	253.8	238.0	112.06	90.00	28.21	319.67	179.41	2	0.898	142.00	
	27	448.3	435.2	378.3	113.20	90.00	28.21	319.94	178.54	2	0.899	141.54	
	28	227.1	354.3	137.1	112.42	90.00	28.21	319.44	178.81	2	0.899	141.71	
	29	141.3	206.6	51.3	111.83	90.00	28.21	319.20	179.16	2	0.898	141.94	
	30	104.3	153.4	14.3	111.53	90.00	28.21	319.04	179.31	2	0.898	142.00	
													92.04
May	1	83.4	125.2	7.2	111.34	76.20	20.32	319.00	187.43	2	0.911	127.49	
	2	71.1	106.2	7.2	111.23	63.90	14.22	319.00	193.56	2	0.908	110.02	
	3	113.8	150.6	23.8	111.50	90.00	28.21	319.08	179.37	2	0.898	142.00	
	4	90.0	136.9	7.2	111.41	82.80	23.98	319.00	183.71	2	0.906	135.13	
	5	74.0	114.9	7.2	111.25	66.80	15.54	319.00	192.17	2	0.910	114.48	
	6	53.1	101.2	7.2	111.19	47.89	7.90	319.00	199.62	2	0.873	81.92	
	7	56.0	86.3	7.2	111.09	43.80	8.29	319.00	199.62	2	0.876	83.67	
	8	30.4	78.3	7.2	111.04	43.20	6.50	319.00	201.44	2	0.856	72.97	
	9	44.6	72.9	7.2	111.00	39.40	5.41	319.00	202.59	1	0.900	70.40	
	10	43.8	70.7	7.2	110.99	36.60	4.67	319.00	203.35	1	0.908	64.26	
	11	45.7	64.3	7.2	110.94	38.50	5.16	319.00	202.88	1	0.905	68.14	
	12	42.8	61.9	7.2	110.93	35.60	4.41	319.00	203.66	1	0.910	64.47	
	13	37.2	58.1	7.2	110.90	30.00	3.13	319.00	204.97	1	0.907	54.47	
	14	34.7	54.3	7.2	110.87	27.50	2.63	319.00	205.49	1	0.895	49.77	
	15	32.9	52.4	7.2	110.86	25.70	2.30	319.00	205.84	1	0.890	46.13	
	16	32.9	50.5	7.2	110.85	25.70	2.30	319.00	205.85	1	0.890	46.13	
	17	32.0	48.6	7.2	110.83	24.80	2.14	319.00	206.02	1	0.884	44.28	
	18	44.6	66.5	7.2	110.97	39.40	5.41	319.00	202.62	1	0.900	70.41	
	19	74.0	103.7	7.2	111.21	66.80	15.54	319.00	192.25	2	0.910	114.53	
	20	64.5	106.2	7.2	111.22	57.30	11.43	319.00	196.34	2	0.898	99.03	
	21	99.5	136.9	9.5	111.41	90.00	28.21	319.02	179.39	2	0.898	142.00	
	22	260.0	383.7	170.0	112.60	90.00	28.21	319.52	178.71	2	0.899	141.65	
	23	199.2	327.4	109.2	112.60	90.00	28.21	319.37	178.77	2	0.900	141.68	
	24	183.8	221.9	43.8	111.91	90.00	28.21	319.17	179.05	2	0.898	141.96	
	25	96.6	162.0	6.6	111.57	90.00	28.21	319.01	179.23	2	0.898	141.98	
	26	80.8	130.7	7.2	111.38	73.40	18.76	319.00	186.86	2	0.912	123.94	
	27	70.1	114.2	7.2	111.27	62.90	13.78	319.00	193.95	2	0.907	108.39	
	28	62.5	103.7	7.2	111.21	55.30	10.65	319.00	197.14	2	0.894	93.53	
	29	57.8	93.9	7.2	111.14	50.60	8.82	319.00	198.94	2	0.882	87.01	
	30	52.2	83.9	7.2	111.07	45.00	7.05	319.00	200.87	2	0.863	76.44	
	31	48.5	81.7	7.2	111.06	41.30	5.94	319.00	202.00	2	0.847	69.27	94.40
Jun.	1	46.6	73.1	7.2	111.01	39.40	5.41	319.00	202.58	1	0.900	70.39	
	2	43.8	72.9	7.2	111.00	36.60	4.67	319.00	203.33	1	0.908	64.25	
	3	41.0	68.5	7.2	110.97	33.80	3.96	319.00	204.05	1	0.912	61.42	
	4	37.2	61.9	7.2	110.93	30.00	3.13	319.00	204.84	1	0.907	54.46	
	5	34.4	58.1	7.2	110.90	29.20	2.97	319.00	205.13	1	0.905	53.13	
	6	41.0	60.0	7.2	110.91	33.80	3.96	319.00	204.11	1	0.912	61.43	
	7	39.1	61.9	7.2	110.93	31.90	3.54	319.00	204.53	1	0.911	58.23	
	8	34.7	58.1	7.2	110.90	27.50	2.63	319.00	205.47	1	0.889	49.77	
	9	32.9	54.3	7.2	110.87	25.70	2.30	319.00	205.83	1	0.890	46.13	
	10	31.2	52.4	7.2	110.86	24.00	2.01	319.00	206.13	1	0.879	42.62	
	11	29.4	48.6	7.2	110.83	22.20	1.72	319.00	206.45	1	0.866	38.87	
	12	28.6	48.6	7.2	110.83	21.40	1.59	319.00	206.57	1	0.859	37.30	
	13	27.8	44.7	7.2	110.82	20.60	1.48	319.00	206.70	1	0.851	35.59	
	14	27.8	44.8	7.2	110.81	20.60	1.48	319.00	206.71	1	0.851	35.53	
	15	27.8	44.8	7.2	110.81	20.60	1.48	319.00	206.71	1	0.851	35.53	
	16	24.1	42.9	7.2	110.79	16.90	1.24	319.00	206.96	1	0.834	31.97	
	17	23.4	42.9	7.2	110.79	18.20	1.15	319.00	207.05	1	0.826	30.52	
	18	23.4	43.9	7.2	110.79	18.20	1.15	319.00	207.05	1	0.826	30.52	
	19	24.5	42.9	7.2	110.79	17.30	1.04	319.00	207.16	1	0.816	28.66	
	20	24.5	41.4	7.2	110.78	17.30	1.04	319.00	207.17	1	0.816	28.66	
	21	23.8	39.7	7.2	110.77	16.40	0.86	319.00	207.27	1	0.807	27.22	
	22	31.2	41.4	7.2	110.78	24.00	2.01	319.00	206.21	1	0.879	42.66	
	23	61.7	64.5	7.2	110.97	54.50	10.34	319.00	197.69	2	0.892	94.23	
	24	74.9	116.9	7.2	111.29	67.70	15.96	319.00	191.75	2	0.910	115.83	
	25	88.2	141.9	7.2	111.47	81.00	22.85	319.00	184.68	2	0.908	133.11	
	26	67.3	122.5	7.2	111.33	60.10	12.98	319.00	195.09	2	0.903	105.73	
	27	51.3	96.3	7.2	111.16	44.10	6.77	319.00	201.07	2	0.859	74.67	
	28	42.8	79.5	7.2	111.04	35.60	4.41	319.00	203.54	1	0.910	64.63	
	29	39.1	70.7	7.2	110.99	31.90	3.54	319.00	204.47	1	0.911	58.21	
	30	34.4	61.9	7.2	110.93	29.20	2.97	319.00	205.11	1	0.905	53.12	
													55.45

POWER GENERATION SIMULATION

Year : 1959

Dam Axis B
F.S.L. = 319.00 m

Rated Head : 179.50 m
Max. Plant Discharge : 90.00 cms

Installed Capacity : 143.0 MW

Date		Discharge Dam (cms)	Discharge P/H (cms)	R/F w Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Units	Efficiency	Output MW	Monthly Ave. MW
Jul.	1	34.7	60.9	7.3	110.31	27.5	2.47	319.00	205.43	1	0.898	49.76	
	2	33.9	58.1	7.2	110.90	25.7	2.35	319.00	205.80	1	0.893	44.12	
	3	30.3	56.2	7.2	110.99	23.1	1.86	319.00	206.36	1	0.879	40.76	
	4	29.4	54.3	7.2	110.87	22.3	1.72	319.00	206.41	1	0.885	38.87	
	5	32.9	50.5	7.2	110.63	25.7	2.30	319.00	205.85	1	0.900	44.13	
	6	47.5	68.5	7.2	110.97	40.3	5.66	319.00	202.97	2	0.843	47.35	
	7	41.0	73.9	7.2	111.00	33.8	3.90	319.00	204.02	1	0.913	51.41	
	8	34.7	64.1	7.2	110.94	27.5	2.63	319.00	205.43	1	0.899	49.76	
	9	33.7	61.8	7.2	110.93	26.5	2.43	319.00	205.63	1	0.894	47.74	
	10	33.9	60.0	7.2	110.91	25.7	2.30	319.00	205.79	1	0.900	44.12	
	11	30.3	54.3	7.2	110.87	23.1	1.86	319.00	206.27	1	0.873	40.75	
	12	29.4	52.4	7.2	110.86	22.3	1.72	319.00	206.42	1	0.865	38.87	
	13	27.8	48.6	7.2	110.83	20.6	1.48	319.00	206.69	1	0.851	34.52	
	14	27.0	44.8	7.2	110.81	19.8	1.37	319.00	206.83	1	0.844	33.05	
	15	26.1	44.8	7.2	110.81	18.9	1.24	319.00	206.95	1	0.834	31.97	
	16	26.1	42.9	7.2	110.79	18.9	1.24	319.00	206.94	1	0.834	31.97	
	17	23.4	42.9	7.2	110.79	16.2	1.15	319.00	207.05	1	0.826	30.52	
	18	24.3	39.7	7.2	110.77	17.3	1.04	319.00	207.19	1	0.816	28.66	
	19	23.8	39.7	7.2	110.77	16.6	0.96	319.00	207.27	1	0.807	27.22	
	20	24.3	39.7	7.2	110.77	17.3	1.04	319.00	207.19	1	0.816	28.66	
	21	24.3	41.4	7.2	110.78	17.3	1.04	319.00	207.17	1	0.816	28.66	
	22	26.1	44.6	7.2	110.83	18.9	1.24	319.00	206.92	1	0.834	31.97	
	23	23.8	41.4	7.2	110.78	16.6	0.96	319.00	207.24	1	0.807	27.22	
	24	22.2	39.7	22.2	110.77	0.0	0.78	319.00	207.44	0	0.000	0.00	
	25	21.4	34.7	21.4	110.75	0.0	0.70	319.00	207.53	0	0.000	0.00	
	26	19.8	34.7	19.8	110.75	0.0	0.55	319.00	207.70	0	0.000	0.00	
	27	19.8	34.7	19.8	110.75	0.0	0.55	319.00	207.70	0	0.000	0.00	
	28	19.8	35.1	19.8	110.74	0.0	0.55	319.00	207.71	0	0.000	0.00	
	29	19.3	35.1	19.8	110.74	0.0	0.55	319.00	207.71	0	0.000	0.00	
	30	22.2	34.7	22.2	110.75	0.0	0.78	319.00	207.47	0	0.000	0.00	
	31	23.4	41.4	7.2	110.78	16.2	1.15	319.00	207.06	1	0.826	30.52	30.34
Aug.	1	41.0	60.0	7.2	110.91	33.8	3.90	319.00	204.11	1	0.912	51.03	
	2	34.8	51.3	7.2	111.12	27.6	26.75	319.00	181.15	2	0.901	140.10	
	3	72.0	135.5	7.2	111.40	68.6	14.39	319.00	191.21	2	0.911	117.09	
	4	47.5	94.3	7.2	111.18	40.3	5.66	319.00	202.19	2	0.842	67.27	
	5	37.2	70.7	7.2	110.99	30.0	3.13	319.00	204.88	1	0.907	54.45	
	6	33.7	61.8	7.2	110.93	26.5	2.43	319.00	205.63	1	0.894	47.74	
	7	34.7	52.4	7.2	110.86	27.5	2.63	319.00	205.51	1	0.898	49.78	
	8	33.7	50.5	7.2	110.85	26.5	2.43	319.00	205.71	1	0.894	47.77	
	9	28.4	48.6	7.2	110.83	22.2	1.72	319.00	206.43	1	0.866	38.87	
	10	26.1	44.7	7.2	110.82	18.9	1.24	319.00	206.94	1	0.834	31.97	
	11	24.5	44.8	7.2	110.81	17.3	1.04	319.00	207.15	1	0.816	28.65	
	12	27.8	43.0	7.2	110.79	20.6	1.48	319.00	206.73	1	0.851	35.53	
	13	52.2	52.4	7.2	110.86	45.0	7.05	319.00	201.09	2	0.863	74.54	
	14	110.4	208.7	28.4	111.84	96.0	26.21	319.11	179.06	2	0.898	141.87	
	15	195.9	377.7	106.9	112.44	90.0	26.21	319.37	178.72	2	0.899	141.66	
	16	128.0	254.6	38.0	111.57	90.0	26.21	319.15	178.94	2	0.899	141.81	
	17	84.2	159.1	7.2	111.35	81.0	23.05	319.00	184.60	2	0.908	133.06	
	18	67.3	132.5	7.2	111.33	60.1	12.58	319.00	195.09	2	0.903	103.75	
	19	54.0	98.7	7.2	111.17	44.8	8.29	319.00	199.53	2	0.876	83.67	
	20	48.5	84.3	7.2	111.09	41.3	5.84	319.00	201.97	2	0.847	69.25	
	21	44.7	77.3	7.2	111.03	37.5	4.90	319.00	203.07	1	0.906	67.65	
	22	41.9	72.9	7.3	111.00	34.7	4.19	319.00	203.81	1	0.911	63.15	
	23	34.1	61.9	7.3	110.93	30.9	3.33	319.00	204.75	1	0.908	56.57	
	24	34.9	60.0	7.2	110.91	29.2	3.97	319.00	205.12	1	0.905	53.12	
	25	33.7	58.1	7.2	110.90	26.5	2.43	319.00	205.66	1	0.894	47.75	
	26	32.9	54.3	7.2	110.87	25.7	2.30	319.00	205.83	1	0.890	44.13	
	27	30.3	52.4	7.2	110.86	23.1	1.86	319.00	206.28	1	0.873	40.75	
	28	29.4	50.5	7.2	110.85	22.2	1.72	319.00	206.44	1	0.866	38.87	
	29	37.2	50.3	7.2	110.85	30.0	3.13	319.00	205.02	1	0.907	54.49	
	30	64.4	107.8	7.2	111.61	59.2	12.21	319.00	195.19	2	0.901	102.07	
	31	99.1	419.9	9.1	112.72	90.0	26.21	319.02	178.02	2	0.899	141.21	74.98
Sep.	1	93.9	377.7	7.3	112.44	85.7	23.98	319.00	180.99	2	0.904	137.43	
	2	401.1	806.1	311.1	113.43	90.0	28.21	319.82	178.13	2	0.899	141.27	
	3	390.6	672.4	300.6	113.36	90.0	28.21	319.80	178.35	2	0.899	141.40	
	4	277.1	660.0	247.1	113.24	90.0	28.21	319.73	178.28	2	0.899	141.38	
	5	480.3	748.5	390.3	113.42	90.0	28.21	319.96	178.35	2	0.899	141.41	
	6	300.2	517.3	210.2	112.96	90.0	28.21	319.61	178.64	2	0.899	141.48	
	7	209.0	354.8	116.0	112.50	90.0	28.21	319.39	178.68	2	0.899	141.63	
	8	153.8	243.8	63.8	112.12	90.0	28.21	319.24	178.91	2	0.898	141.78	
	9	134.2	213.8	34.2	111.88	90.0	28.21	319.13	179.05	2	0.898	141.86	
	10	127.1	197.5	37.1	111.79	90.0	28.21	319.14	179.16	2	0.898	141.93	
	11	107.2	176.7	17.2	111.65	90.0	28.21	319.04	179.19	2	0.898	141.95	
	12	180.2	347.6	99.2	112.04	90.0	28.21	319.34	179.09	2	0.898	141.89	
	13	223.6	289.7	133.6	112.24	90.0	28.21	319.44	178.99	2	0.898	141.83	
	14	173.5	250.8	83.1	112.06	90.0	28.21	319.30	179.03	2	0.898	141.86	
	15	148.0	208.7	58.0	111.84	90.0	28.21	319.32	179.17	2	0.898	141.84	
	16	138.4	191.5	48.4	111.74	90.0	28.21	319.19	179.23	2	0.898	141.58	
	17	126.2	179.8	36.2	111.67	90.0	28.21	319.14	179.26	2	0.898	143.00	
	18	107.2	159.1	17.2	111.55	90.0	28.21	319.06	179.29	2	0.898	143.00	
	19	90.9	142.0	7.3	111.43	83.7	24.40	319.00	183.15	2	0.906	136.04	
	20	84.2	138.0	7.3	111.36	79.0	21.74	319.00	185.80	2	0.902	130.86	
	21	53.9	128.0	7.3	111.36	63.7	25.58	319.00	182.66	2	0.902	128.13	
	22	83.5	125.2	7.3	111.34	78.1	21.26	319.00	186.41	2	0.910	130.82	
	23	77.7	104.3	7.3	111.22	70.5	17.31	319.00	190.47	2	0.911	133.95	
	24	80.6	114.3	7.3	111.27	73.4	18.76	319.00	188.84	2	0.913	133.90	
	25	75.8	116.9	7.2	111.29	68.6	16.39	319.00	191.32	2	0.911	117.16	
	26	143.1	176.7	53.1	111.66	90.0	28.21	319.31	179.34	2	0.898	142.00	
	27	186.0	267.0	96.0	112.13	90.0	28.21	319.33	178.96	2	0.898	141.83	
	28	180.7	344.3	90.7	112.02	90.0	28.21	319.32	179.08	2	0.898	141.89	
	29	128.4	228.1	48.4	111.94	90.0	28.21	319.19	179.04	2	0.898	141.86	
	30	109.9	170.8	19.9	111.62	90.0	28.21	319.07	179.24	2	0.898	141.98	
													139.43

Date		Discharge Dam (cms)	Discharge P/H (cms)	R/F w Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Units	Efficiency	Output MW	Monthly Ave. MW
Oct.	1	91.9	147.7	7.3	111.48	84.70	34.98	319.20	182.53	2	0.905	137.05	
	2	81.5	130.7	7.3	111.38	74.30	10.23	319.00	186.39	2	0.911	125.03	
	3	74.0	118.9	7.2	111.29	66.90	13.56	319.00	190.17	2	0.910	114.45	
	4	74.0	111.4	7.3	111.26	66.90	15.56	319.00	190.20	3	0.932	114.50	
	5	67.3	106.2	7.2	111.23	60.10	12.58	319.00	193.20	2	0.903	103.81	
	6	56.9	94.3	7.2	111.16	49.70	8.80	319.00	199.34	2	0.879	83.33	
	7	98.8	96.3	7.3	111.16	51.40	9.27	319.00	198.57	2	0.885	89.05	
	8	54.9	91.3	7.2	111.12	49.70	8.80	319.00	199.27	2	0.879	83.54	
	9	53.2	83.9	7.3	111.07	45.00	7.05	319.00	202.87	2	0.843	74.44	
	10	47.3	79.5	7.2	111.04	40.30	5.66	319.00	202.70	2	0.843	67.32	
	11	48.4	77.3	7.3	111.05	43.20	6.20	319.00	203.77	2	0.851	71.03	
	12	71.1	88.7	7.2	111.17	63.90	14.32	319.00	195.61	2	0.908	110.05	
	13	104.3	176.7	14.3	111.66	80.00	28.21	319.04	179.17	2	0.898	141.95	
	14	97.7	150.1	7.7	111.55	90.00	28.21	319.00	179.24	2	0.898	141.99	
	15	80.6	126.3	7.3	111.41	73.40	18.76	319.00	189.82	2	0.912	123.81	
	16	73.8	126.3	7.3	111.41	66.60	16.39	319.00	191.30	2	0.911	117.08	
	17	99.3	111.4	7.2	111.26	52.80	9.64	319.00	198.11	2	0.898	90.64	
	18	52.3	93.8	7.2	111.14	45.00	7.05	319.00	200.61	2	0.843	74.41	
	19	48.4	91.7	7.2	111.06	43.20	6.20	319.00	201.74	2	0.851	71.02	
	20	53.2	93.8	7.2	111.14	46.00	7.37	319.00	200.49	2	0.847	78.33	
	21	66.4	98.7	7.3	111.17	59.20	12.21	319.00	199.42	2	0.902	102.52	
	22	54.1	91.3	7.3	111.12	46.80	7.66	319.00	200.22	2	0.870	80.04	
	23	45.7	81.7	7.2	111.06	38.50	5.16	319.00	202.78	1	0.863	69.11	
	24	41.9	78.7	7.2	110.93	33.95	3.95	319.00	204.64	1	0.913	61.61	
	25	33.5	61.9	7.2	110.93	26.30	2.79	319.00	205.29	1	0.902	51.35	
	26	33.7	61.9	7.2	110.93	26.50	2.45	319.00	205.63	1	0.894	47.74	
	27	33.7	58.1	7.2	110.90	26.50	2.63	319.00	205.66	1	0.894	47.75	
	28	33.5	56.2	7.2	110.89	26.30	2.79	319.00	205.32	1	0.902	51.36	
	29	33.7	58.1	7.2	110.90	26.50	2.63	319.00	205.66	1	0.894	47.75	
	30	30.3	58.1	7.3	110.90	23.10	1.86	319.00	206.24	1	0.873	40.74	
	31	27.8	52.4	7.2	110.86	20.60	1.48	319.00	206.66	1	0.851	35.52	35.67
Nov.	1	25.4	48.6	7.3	110.83	18.20	1.15	319.00	207.01	1	0.826	30.51	
	2	25.4	44.8	7.2	110.81	18.20	1.15	319.00	207.04	1	0.826	30.52	
	3	25.4	42.9	7.3	110.79	18.20	1.15	319.00	207.05	1	0.826	30.52	
	4	26.1	42.5	7.2	110.79	18.90	1.24	319.00	206.96	1	0.834	31.97	
	5	25.4	44.8	7.2	110.81	18.20	1.15	319.00	207.04	1	0.826	30.52	
	6	28.4	42.9	7.2	110.79	22.20	1.72	319.00	206.49	1	0.866	38.88	
	7	40.0	66.3	7.2	110.96	32.80	3.75	319.00	204.20	1	0.911	59.85	
	8	33.7	64.1	7.2	110.94	26.50	2.45	319.00	205.61	1	0.894	47.76	
	9	36.6	52.4	7.2	110.86	21.40	1.59	319.00	206.53	1	0.859	37.39	
	10	37.0	50.5	7.2	110.85	19.80	1.37	319.00	206.79	1	0.845	33.84	
	11	37.2	64.1	7.2	110.94	30.00	3.13	319.00	204.93	1	0.907	54.44	
	12	43.8	88.8	7.2	111.11	36.40	4.67	319.00	203.23	1	0.908	66.22	
	13	42.8	91.3	7.2	111.12	35.40	4.41	319.00	203.46	1	0.910	64.61	
	14	37.2	72.0	7.2	111.00	30.00	3.13	319.00	204.87	1	0.907	54.44	
	15	30.3	61.9	7.2	110.93	23.10	1.86	319.00	206.22	1	0.873	40.73	
	16	26.1	52.4	7.2	110.86	18.90	1.24	319.00	206.90	1	0.834	31.96	
	17	23.8	46.7	7.2	110.82	16.60	0.96	319.00	207.22	1	0.807	27.21	
	18	24.5	46.7	7.2	110.82	17.30	1.04	319.00	207.14	1	0.816	28.65	
	19	24.5	44.8	7.2	110.81	17.30	1.04	319.00	207.15	1	0.816	28.65	
	20	32.2	42.9	7.2	110.79	15.02	0.78	319.00	207.43	0	0.000	0.00	
	21	30.6	41.4	7.2	110.78	13.40	0.63	319.00	207.59	0	0.000	0.00	
	22	19.3	39.2	7.2	110.76	13.40	0.55	319.00	207.49	0	0.000	0.00	
	23	17.4	35.1	7.2	110.74	10.20	0.36	319.00	207.80	0	0.000	0.00	
	24	17.4	33.5	7.2	110.73	10.20	0.36	319.00	207.81	0	0.000	0.00	
	25	18.1	33.5	7.2	110.73	10.90	0.41	319.00	207.86	0	0.000	0.00	
	26	18.1	35.1	7.2	110.74	10.90	0.41	319.00	207.85	0	0.000	0.00	
	27	17.4	35.1	7.2	110.74	10.20	0.36	319.00	207.80	0	0.000	0.00	
	28	15.8	33.5	7.2	110.73	8.60	0.26	319.00	208.01	0	0.000	0.00	
	29	14.2	33.5	7.2	110.73	7.00	0.17	319.00	208.10	0	0.000	0.00	
	30	15.8	30.5	7.2	110.71	8.60	0.26	319.00	208.05	0	0.000	0.00	
													23.63
Dec.	1	24.5	35.1	7.2	110.74	17.30	1.04	319.00	207.22	1	0.816	28.67	
	2	44.7	30.5	7.2	110.85	37.50	4.90	319.00	203.26	1	0.906	67.68	
	3	34.7	72.9	7.2	111.00	27.50	2.63	319.00	205.37	1	0.899	49.76	
	4	33.7	56.1	7.2	110.90	26.50	2.45	319.00	205.66	1	0.894	47.75	
	5	37.0	30.5	7.2	110.85	19.80	1.37	319.00	206.79	1	0.845	33.84	
	6	21.4	41.4	7.2	110.78	14.20	0.70	319.00	207.51	0	0.000	0.00	
	7	19.8	36.7	7.2	110.75	12.60	0.55	319.00	207.70	0	0.000	0.00	
	8	51.2	39.7	7.2	110.77	34.00	2.01	319.00	206.22	1	0.879	42.65	
	9	90.9	93.8	7.2	111.14	83.70	24.40	319.00	183.44	2	0.905	136.24	
	10	61.7	106.2	7.3	111.23	54.35	10.36	319.00	197.43	2	0.862	94.89	
	11	37.2	70.7	7.2	110.99	30.00	3.13	319.00	204.88	1	0.907	54.45	
	12	27.8	52.4	7.2	110.86	20.60	1.48	319.00	206.66	1	0.851	35.52	
	13	24.5	41.4	7.2	110.78	17.30	1.04	319.00	207.17	1	0.816	28.66	
	14	19.0	35.1	7.2	110.74	11.80	0.48	319.00	207.78	0	0.000	0.00	
	15	17.4	33.0	7.2	110.72	10.20	0.36	319.00	207.92	0	0.000	0.00	
	16	17.4	30.5	7.2	110.71	10.20	0.36	319.00	207.93	0	0.000	0.00	
	17	20.6	35.1	7.2	110.74	13.40	0.63	319.00	207.63	0	0.000	0.00	
	18	25.4	41.4	7.2	110.78	18.20	1.15	319.00	207.06	1	0.826	30.52	
	19	23.8	52.6	7.2	110.86	16.60	0.86	319.00	207.18	1	0.807	27.21	
	20	20.6	43.8	7.2	110.79	13.40	0.63	319.00	207.58	0	0.000	0.00	
	21	41.0	39.7	7.2	110.77	33.80	3.90	319.00	204.25	1	0.913	61.67	
	22	53.2	61.9	7.2	110.93	46.00	7.37	319.00	200.71	2	0.847	78.43	
	23	37.2	61.9	7.2	110.93	30.00	3.13	319.00	204.94	1	0.907	54.46	
	24	32.9	58.1	7.2	110.90	25.70	2.39	319.00	205.82	1	0.890	44.12	
	25	28.6	50.5	7.2	110.85	21.40	1.59	319.00	206.56	1	0.859	37.20	
	26	21.4	41.4	7.2	110.78	14.20	0.70	319.00	207.51	0	0.000	0.00	
	27	17.4	33.1	7.2	110.74	10.20	0.36	319.00	207.90	0	0.000	0.00	
	28	16.3	30.5	7.2	110.71	9.30	0.30	319.00	207.99	0	0.000	0.00	
	29	14.9	27.4	7.2	110.69	7.70	0.21	319.00	208.11	0	0.000	0.00	
	30	13.3	26.1	7.2	110.68	6.10	0.13	319.00	208.19	0	0.000	0.00	
	31	19.8	30.5	7.2	110.71	12.60	0.55	319.00	207.74	0	0.000	0.00	30.92

POWER GENERATION SIMULATION

Year : 1960 | Dam Axis B | F.S.L. = 319.00 m | Rated Head : 179.30 m | Max. Plant Discharge : 90.00 cms | Installed Capacity : 143.0 MW

Date		Discharge Dam (cms)	Discharge P/H (cms)	Spillway (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Effcis ncy	Output MW	Monthly Ave. MW
Jan.	1	29.4	33.5	7.2	110.73	32.3	1.72	319.00	206.55	1	0.866	58.50	
	2	21.4	23.5	21.4	110.73	0.0	0.70	319.00	207.57	0	0.000	0.00	
	3	14.2	28.9	14.2	110.70	0.0	0.17	319.00	208.13	0	0.000	0.00	
	4	13.3	24.9	13.3	110.67	0.0	0.13	319.00	208.20	0	0.000	0.00	
	5	11.9	23.5	11.9	110.65	0.0	0.08	319.00	208.27	0	0.000	0.00	
	6	10.3	21.5	10.3	110.64	0.0	0.05	319.00	208.33	0	0.000	0.00	
	7	14.9	22.5	14.9	110.65	0.0	0.21	319.00	208.14	0	0.000	0.00	
	8	23.8	73.1	7.2	111.01	14.6	0.86	319.00	207.03	1	0.807	27.18	
	9	136.2	193.7	56.2	111.21	90.0	28.21	319.14	179.72	2	0.998	142.00	
	10	80.6	156.3	7.2	111.41	72.4	18.76	319.00	188.52	2	0.912	123.81	
	11	63.5	84.3	7.2	111.16	56.3	11.04	319.00	196.80	2	0.896	97.52	
	12	74.0	103.7	7.2	111.21	66.8	13.54	319.00	192.25	2	0.910	114.53	
	13	49.4	93.8	7.2	111.14	43.2	6.30	319.00	201.66	2	0.851	70.59	
	14	54.7	61.9	7.2	110.93	27.5	2.43	319.00	205.44	1	0.889	49.78	
	15	37.8	44.7	7.2	110.82	20.6	1.46	319.00	206.70	1	0.851	35.53	
	16	19.8	34.7	19.8	110.75	0.0	0.55	319.00	207.70	0	0.000	0.00	
	17	18.1	32.0	18.1	110.72	0.0	0.41	319.00	207.87	0	0.000	0.00	
	18	15.8	28.9	15.8	110.70	0.0	0.26	319.00	208.05	0	0.000	0.00	
	19	17.4	32.0	17.4	110.72	0.0	0.36	319.00	207.93	0	0.000	0.00	
	20	21.4	34.7	21.4	110.75	0.0	0.70	319.00	207.35	0	0.000	0.00	
	21	24.5	39.7	7.2	110.77	17.3	1.04	319.00	207.19	1	0.816	28.66	
	22	18.0	39.7	18.0	110.77	0.0	0.48	319.00	207.74	0	0.000	0.00	
	23	14.9	32.0	14.9	110.72	0.0	0.21	319.00	208.08	0	0.000	0.00	
	24	15.8	28.9	15.8	110.70	0.0	0.26	319.00	208.05	0	0.000	0.00	
	25	16.5	27.4	16.5	110.69	0.0	0.30	319.00	208.01	0	0.000	0.00	
	26	17.4	27.4	17.4	110.69	0.0	0.36	319.00	207.95	0	0.000	0.00	
	27	14.2	26.1	14.2	110.68	0.0	0.17	319.00	208.15	0	0.000	0.00	
	28	23.8	30.5	7.2	110.85	16.6	0.86	319.00	207.19	1	0.807	27.21	
	29	21.4	48.6	21.4	110.83	0.0	0.70	319.00	207.46	0	0.000	0.00	
	30	17.4	34.7	17.4	110.75	0.0	0.36	319.00	207.89	0	0.000	0.00	
	31	19.0	44.7	19.0	110.92	0.0	0.48	319.00	207.69	0	0.000	0.00	24.38
Feb.	1	52.2	60.0	7.2	110.91	45.0	7.05	319.00	201.04	2	0.843	76.51	
	2	37.2	72.9	7.2	111.00	30.0	3.13	319.00	204.87	1	0.807	54.46	
	3	62.5	122.5	7.2	111.53	55.3	10.65	319.00	197.02	2	0.899	93.46	
	4	193.4	286.5	103.4	112.22	90.0	28.21	319.33	179.92	2	0.998	141.78	
	5	185.0	360.5	95.0	113.10	90.0	28.21	319.33	179.02	2	0.998	141.85	
	6	104.3	173.7	14.3	111.64	90.0	28.21	319.04	179.19	2	0.998	141.96	
	7	57.8	151.2	7.2	111.19	50.6	8.92	319.00	198.98	2	0.882	86.99	
	8	41.0	70.7	7.2	110.98	33.8	3.98	319.00	204.04	1	0.912	61.61	
	9	53.7	59.1	7.2	110.90	24.5	2.43	319.00	205.66	1	0.889	47.75	
	10	28.4	48.6	7.2	110.83	22.3	1.72	319.00	206.45	1	0.866	38.87	
	11	26.1	43.6	7.2	110.83	18.9	1.24	319.00	206.92	1	0.834	31.97	
	12	34.7	70.7	7.2	110.99	27.5	2.43	319.00	205.58	1	0.899	49.74	
	13	42.8	60.8	7.2	110.97	35.6	4.41	319.00	203.82	1	0.910	64.66	
	14	197.2	170.5	17.2	111.40	90.0	28.21	319.04	179.45	2	0.998	142.00	
	15	88.1	157.8	7.2	111.41	81.9	23.36	319.00	184.03	2	0.907	134.02	
	16	188.3	159.1	18.3	111.43	90.0	28.21	319.04	179.40	2	0.998	142.00	
	17	116.7	164.8	26.7	111.59	90.0	28.21	319.10	179.30	2	0.998	142.00	
	18	128.9	203.6	38.9	111.81	90.0	28.21	319.13	179.13	2	0.998	141.92	
	19	154.8	244.3	64.8	112.02	90.0	28.21	319.24	179.01	2	0.998	141.84	
	20	132.8	218.8	42.8	111.89	90.0	28.21	319.17	179.06	2	0.998	141.87	
	21	109.0	194.4	19.0	111.76	90.0	28.21	319.07	179.19	2	0.998	141.90	
	22	86.2	147.9	7.2	111.48	78.0	21.74	319.00	183.78	2	0.969	130.80	
	23	73.8	122.5	7.2	111.33	64.6	14.39	319.00	191.28	2	0.911	117.14	
	24	61.7	103.7	7.2	111.21	54.5	10.34	319.00	197.45	2	0.882	94.50	
	25	48.5	86.3	7.2	111.09	41.3	5.94	319.00	201.97	2	0.847	69.25	
	26	40.0	70.7	7.2	110.99	32.8	3.75	319.00	204.27	1	0.911	59.85	
	27	33.5	60.9	7.2	110.91	26.3	2.79	319.00	205.30	1	0.868	51.36	
	28	32.9	56.2	7.2	110.89	25.7	2.30	319.00	205.91	1	0.890	46.12	
	29	30.0	54.2	7.2	110.89	22.8	1.81	319.00	206.30	1	0.870	40.12	
													93.52
Mar.	1	33.7	60.0	7.2	110.91	26.5	2.43	319.00	205.64	1	0.894	47.75	
	2	142.3	152.0	52.3	111.57	90.0	28.21	319.30	179.43	2	0.998	142.00	
	3	323.8	380.1	233.8	112.99	90.0	28.21	319.66	178.87	2	0.999	141.75	
	4	198.1	306.9	108.1	112.51	90.0	28.21	319.37	178.85	2	0.998	141.74	
	5	134.7	212.7	24.7	111.86	90.0	28.21	319.09	179.02	2	0.998	141.85	
	6	83.5	143.0	7.2	111.45	78.1	21.24	319.00	184.51	2	0.919	128.74	
	7	65.4	106.3	7.2	111.22	58.2	11.80	319.00	195.98	2	0.900	100.59	
	8	54.1	64.8	7.2	111.11	44.9	7.66	319.00	200.23	2	0.870	80.06	
	9	44.6	72.9	7.2	111.00	34.4	5.41	319.00	202.39	1	0.900	70.40	
	10	103.3	150.6	13.3	111.30	90.0	28.21	319.04	179.32	2	0.998	142.00	
	11	70.1	125.2	7.2	111.34	62.9	13.78	319.00	193.88	2	0.907	108.35	
	12	62.5	101.2	7.2	111.19	53.3	10.65	319.00	197.16	2	0.894	95.33	
	13	47.5	83.9	7.2	111.07	40.3	5.66	319.00	202.27	2	0.843	67.31	
	14	74.0	91.3	7.2	111.12	66.8	13.54	319.00	192.34	2	0.910	114.58	
	15	61.7	98.7	7.2	111.17	54.5	10.34	319.00	197.48	2	0.882	94.12	
	16	63.5	86.3	7.2	111.09	56.3	11.04	319.00	196.87	2	0.896	97.36	
	17	54.0	86.3	7.2	111.09	44.9	8.20	319.00	199.62	2	0.876	83.67	
	18	45.7	72.9	7.2	111.00	38.5	5.16	319.00	202.84	1	0.903	69.12	
	19	39.1	61.9	7.2	110.93	31.9	3.54	319.00	204.53	1	0.911	54.33	
	20	61.7	80.0	7.2	110.91	54.5	10.34	319.00	197.74	2	0.892	94.36	
	21	103.6	125.2	10.4	111.34	90.0	28.21	319.02	179.47	2	0.998	142.00	
	22	104.3	136.3	14.3	111.56	90.0	28.21	319.04	179.30	2	0.998	142.00	
	23	94.8	136.3	7.2	111.41	87.6	26.73	319.00	180.84	2	0.901	139.92	
	24	64.5	101.2	7.2	111.19	57.3	11.43	319.00	196.38	2	0.898	99.05	
	25	53.2	61.7	7.2	111.06	46.0	7.37	319.00	200.57	2	0.867	78.57	
	26	42.8	68.5	7.2	110.97	35.6	4.41	319.00	203.62	1	0.910	64.66	
	27	37.2	60.0	7.2	110.91	30.0	3.13	319.00	204.95	1	0.907	54.47	
	28	34.7	52.4	7.2	110.86	27.5	2.63	319.00	205.51	1	0.899	49.78	
	29	32.0	50.5	7.2	110.85	24.8	2.14	319.00	206.01	1	0.884	44.28	
	30	30.3	48.6	7.2	110.83	23.1	1.86	319.00	206.31	1	0.873	40.76	
	31	28.6	43.9	7.2	110.79	21.4	1.29	319.00	206.61	1	0.859	37.31	91.97

Date		Discharge Dam (cms)	Discharge P/H (cms)	Spillway (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Effcis ncy	Output MW	Monthly Ave. MW
Apr.	1	25.4	43.9	7.2	110.79	18.30	1.15	319.00	207.05	1	0.836	30.52	
	2	32.0	58.7	7.2	110.77	24.80	2.14	319.00	206.09	1	0.865	44.30	
	3	54.1	68.6	7.2	110.83	45.90	7.66	319.00	200.51	2	0.870	80.30	
	4	66.4	93.8	7.2	111.14	59.20	12.21	319.00	185.65	2	0.932	102.34	
	5	54.1	63.9	7.2	111.07	46.90	7.66	319.00	200.27	2	0.870	80.08	
	6	61.7	86.7	7.2	111.17	54.30	10.34	319.00	197.48	2	0.882	94.12	
	7	219.7	306.9	220.7	112.51	90.00	28.21	319.66	179.13	2	0.998	141.93	
	8	298.6	365.6	198.6	112.54	90.00	28.21	319.59	179.84	2	0.969	141.73	
	9	173.5	254.1	83.5	112.07	90.00	28.21	319.30	179.02	2	0.998	141.85	
	10	114.7	176.7	24.7	111.66	90.00	28.21	319.09	179.22	2	0.998	141.98	
	11	83.4	133.5	7.2	111.40	74.30	20.22	319.00	187.36	2	0.911	127.43	
	12	63.4	108.4	7.2	111.24	58.30	11.80	319.00	195.97	2	0.900	100.58	
	13	54.0	86.3	7.2	111.09	48.80	8.20	319.00	199.63	2	0.876	83.67	
	14	48.5	77.5	7.2	111.03	41.30	5.94	319.00	202.03	2	0.847	69.28	
	15	42.8	68.5	7.2	110.97	35.60	4.41	319.00	203.63	1	0.910	64.66	
	16	40.0	61.9	7.2	110.93	32.80	3.75	319.00	204.33	1	0.911	59.86	
	17	38.1	60.0	7.2	110.91	30.90	3.33	319.00	204.76	1	0.909	56.38	
	18	38.1	58.1	7.2	110.90	30.90	3.33	319.00	204.78	1	0.909	56.38	
	19	37.2	58.1	7.2	110.90	30.00	3.15	319.00	204.97	1	0.907	54.47	
	20	33.7	54.3	7.2	110.87	26.50	2.45	319.00	205.68	1	0.886	47.76	
	21	28.4	50.5	7.2	110.85	22.20	1.72	319.00	206.44	1	0.866	38.87	
	22	27.8	44.8	7.2	110.81	20.60	1.48	319.00	206.71	1	0.851	33.33	
	23	24.5	42.9	7.2	110.79	17.30	1.04	319.00	207.16	1	0.816	25.66	
	24	23.8	39.7	7.2	110.77	16.60	0.86	319.00	207.27	1	0.807	27.22	
	25	24.5	34.7	7.2	110.75	17.30	1.04	319.00	207.21	1	0.816	28.66	
	26	23.8	32.1	7.2	110.74	16.60	0.86	319.00	207.30	1	0.807	27.39	
	27	23.0	35.1	7.2	110.74	15.80	0.87	319.00	207.39	1	0.797	25.59	
	28	21.4	33.5	21.4	110.73	0.00	0.70	319.00	207.57	0	0.000	0.00	
	29	20.6	33.5	20.6	110.73	0.00	0.63	319.00	207.65	0	0.000	0.00	
	30	19.8	32.0	19.8	110.72	0.00	0.55	319.00	207.73	0	0.000	0.00	
													64.38
May	1	19.8	32.0	19.8	110.72	0.00	0.55	319.00	207.73	0	0.000	0.00	
	2	19.8	33.5	19.8	110.73	0.00	0.55	319.00	207.72	0	0.000	0.00	
	3	19.0	34.7	19.0	110.73	0.00	0.48	319.00	207.76	0	0.000	0.00	
	4	19.0	33.5	19.0	110.73	0.00	0.48	319.00	207.79	0	0.000	0.00	
	5	18.1	32.0	18.1	110.73	0.00	0.41	319.00	207.87	0	0.000	0.00	
	6	18.1	30.5	18.1	110.71	0.00	0.41	319.00	207.88	0	0.000	0.00	
	7	17.4	28.9	17.4	110.70	0.00	0.36	319.00	207.94	0	0.000	0.00	
	8	14.9	27.4	14.9	110.69	0.00	0.21	319.00	208.11	0	0.000	0.00	
	9	15.8	26.1	15.8	110.68	0.00	0.26	319.00	208.07	0	0.000	0.00	
	10	15.8	26.1	15.8	110.68	0.00	0.26	319.00	208.07	0	0.000	0.00	
	11	14.9	24.1	14.9	110.66	0.00	0.21	319.00	208.12	0	0.000	0.00	
	12	14.2	24.1	14.2	110.66	0.00	0.17	319.00	208.15	0	0.000	0.00	
	13	13.3	24.9	13.3	110.67	0.00	0.13	319.00	208.20	0	0.000	0.00	
	14	13.3	24.9	13.3	110.67	0.00	0.13	319.00	208.20	0	0.000	0.00	
	15	14.9	27.4	14.9	110.69	0.00	0.21	319.00	208.11	0	0.000	0.00	
	16	45.7	34.7	7.2	110.75	36.30	5.16	319.00	203.89	1	0.903	69.30	
	17	81.5	108.6	7.2	111.24	74.30	19.23	319.00	188.54	2	0.911	125.12	
	18	43.8	88.8	7.2	111.31	34.60	4.67	319.00	203.23	1	0.904	64.22	
	19	34.7	60.0	7.2	110.91	27.50	2.63	319.00	205.45	1	0.899	49.76	
	20	53.1	81.7	7.2	111.06	47.90	7.99	319.00	199.95	2	0.874	81.99	
	21	100.4	178.7	10.4	111.66	90.00	28.21	319.02	179.15	2	0.998	141.93	
	22	74.9	164.9	7.5	111.59	67.70	15.96	319.00	191.45	2	0.910	115.64	
	23	53.2	111.4	7.2	111.34	46.00	7.37	319.00	200.37	2	0.867	78.57	
	24	40.0	77.3	7.2	111.03	32.80	3.75	319.00	204.22	1	0.911	59.83	
	25	32.0	61.9	7.2	110.93	24.80	2.14	319.00	205.93	1	0.884	44.26	
	26	28.6	54.3	7.2	110.87	21.40	1.39	319.00	206.53	1	0.859	37.19	
	27	24.5	52.5	7.2	110.85	17.30	1.04	319.00	207.11	1	0.816	28.65	
	28	23.8	44.7	7.2	110.82	16.60	0.86	319.00	207.22	1	0.807	27.21	
	29	22.2	42.9	22.2	110.79	0.00	0.78	319.00	207.42	0	0.000	0.00	
	30	21.4	39.7	21.4	110.77	0.00	0.70	319.00	207.57	0	0.000	0.00	
	31	20.6	38.2	20.6	110.76	0.00	0.63	319.00	207.61	0	0.000	0.00	29.83
Jun.	1	21.4	38.2	21.4	110.76	0.00	0.70	319.00	207.54	0	0.000	0.00	
	2	19.8	34.7	19.8	110.75	0.00	0.55	319.00	207.70	0	0.000	0.00	
	3	19.0	33.1	19.0	110.74	0.00	0.48	319.00	207.78	0	0.000	0.00	
	4	18.1	33.5	18.1	110.75	0.00	0.41	319.00	207.86	0	0.000	0.00	
	5	16.5	32.0	16.5	110.72	0.00	0.30	319.00	207.98	0	0.000	0.00	
	6	17.4	30.5	17.4	110.71	0.00	0.36	319.00	207.93	0	0.000	0.00	
	7	17.4	28.9	17.4	110.70	0.00	0.36	319.00	207.94	0	0.000	0.00	
	8	16.5	30.5	16.5	110.71	0.00	0.30	319.00	207.99	0	0.000	0.00	
	9	16.5	28.9	16.5	110.70	0.00	0.30	319.00	208.00	0	0.000	0.00	
	10	14.9	28.9	14.9	110.70	0.00	0.21	319.00	208.10	0	0.000	0.00	
	11	14.9	27.4	14.9	110.69	0.00	0.21	319.00	208.11	0	0.000	0.00	
	12	13.3	27.4	13.3	110.69	0.00	0.13	319.00	208.18	0	0.000	0.00	
	13	14.2	26.1	14.2	110.68	0.00	0.17	319.00	208.15	0	0.000	0.00	
	14	13.3	26.1	13.3	110.68	0.00	0.13	319.00	208.19	0	0.000	0.00	
	15	13.3	24.9	13.3	110.67	0.00	0.13	319.00	208.20	0	0.000	0.00	
	16	14.2	24.9	14.2	110.67	0.00	0.17	319.00	208.16	0	0.000	0.00	
	17	14.2	24.9	14.2	110.67	0.00	0.17	319.00	208.16	0	0.000	0.00	
	18	14.2	27.4	14.2	110.69	0.00	0.17	319.00	208.14	0	0.000	0.00	
	19	14.2	27.4	14.2	110.69	0.00	0.17	319.00	208.14	0	0.000	0.00	
	20	14.2	23.9	14.2	110.70	0.00	0.17	319.00	208.13	0	0.000	0.00	
	21	14.9	23.9	14.9	110.70	0.00	0.21	319.00	208.10	0	0.000	0.00	
	22	22.2	35.1	22.2	110.74	0.00	0.78	319.00	207.48	0	0.000	0.00	
	23	61.7	58.1	7.2	110.90	54.30	10.34	319.00	197.76	2	0.893	94.27	
	24	95.5	167.8	9.5	111.61	90.00	28.21	319.02	179.20	2	0.998	141.96	
	25	92.9	221.9	7.2	111.91	85.70	25.38	319.00	181.51	2	0.904	137.77	
	26	54.9	133.5	7.2	111.40	46.70	8.60	319.00	199.00	2	0.878	83.21	
	27	40.0	86.3	7.2	111.09	32.80	3.75	319.00	204.16	1	0.911	59.81	
	28	32.9	72.9	7.2	111.00	25.70	2.30	319.00	205.70	1	0.890	46.09	
	29	29.4	60.0	7.2	110.91	22.20	1.72	319.00	206.37	1	0.865	38.86	
	30	23.4	30.5	7.2	110.85	18.20	1.15	319.00	207.00	1	0.826	30.51	
													21.15

POWER GENERATION SIMULATION

Year : 1960 | Dam At h B | F.S.L.= 319.00 m | Rated Head : 179.30 m | Max. Plant Discharge : 90.00 cms | Installed Capacity : 142.0 MW

Date		Discharge Dam (cms)	Discharge PH (cms)	RMF or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit nos	Efficie ncy	Output MW	Monthl y Ave. MW
Jul.	1	24.5	44.7	7.3	110.82	17.3	1.04	319.00	207.14	1	0.816	28.69	
	2	23.0	44.8	7.2	110.81	13.8	0.87	319.00	207.32	1	0.797	25.98	
	3	21.4	42.9	21.4	110.79	0.0	0.79	319.00	207.50	0	0.000	0.00	
	4	20.6	34.7	20.6	110.73	0.0	0.83	319.00	207.42	0	0.000	0.00	
	5	19.8	34.7	19.8	110.75	0.0	0.93	319.00	207.70	0	0.000	0.00	
	6	18.1	32.1	18.1	110.74	0.0	0.41	319.00	207.85	0	0.000	0.00	
	7	17.4	33.5	17.4	110.73	0.0	0.34	319.00	207.91	0	0.000	0.00	
	8	16.5	32.0	16.5	110.72	0.0	0.30	319.00	207.98	0	0.000	0.00	
	9	16.5	28.9	16.5	110.70	0.0	0.30	319.00	208.00	0	0.000	0.00	
	10	14.9	28.9	14.9	110.70	0.0	0.21	319.00	208.10	0	0.000	0.00	
	11	14.9	28.9	14.9	110.70	0.0	0.21	319.00	208.10	0	0.000	0.00	
	12	14.3	28.9	14.3	110.70	0.0	0.17	319.00	208.13	0	0.000	0.00	
	13	14.9	28.9	14.9	110.70	0.0	0.21	319.00	208.10	0	0.000	0.00	
	14	13.3	27.4	13.3	110.69	0.0	0.13	319.00	208.18	0	0.000	0.00	
	15	13.3	27.4	13.3	110.69	0.0	0.13	319.00	208.18	0	0.000	0.00	
	16	13.3	27.4	13.3	110.69	0.0	0.13	319.00	208.18	0	0.000	0.00	
	17	13.3	26.1	13.3	110.68	0.0	0.13	319.00	208.19	0	0.000	0.00	
	18	13.3	26.1	13.3	110.68	0.0	0.13	319.00	208.19	0	0.000	0.00	
	19	13.3	26.1	13.3	110.68	0.0	0.13	319.00	208.19	0	0.000	0.00	
	20	13.3	27.4	13.3	110.69	0.0	0.13	319.00	208.18	0	0.000	0.00	
	21	13.3	27.4	13.3	110.69	0.0	0.13	319.00	208.18	0	0.000	0.00	
	22	13.4	27.4	13.4	110.69	0.0	0.19	319.00	208.21	0	0.000	0.00	
	23	11.9	27.4	11.9	110.69	0.0	0.08	319.00	208.34	0	0.000	0.00	
	24	10.2	26.1	10.2	110.68	0.0	0.03	319.00	208.28	0	0.000	0.00	
	25	11.5	24.9	11.9	110.67	0.0	0.06	319.00	208.35	0	0.000	0.00	
	26	10.2	24.9	10.2	110.67	0.0	0.03	319.00	208.30	0	0.000	0.00	
	27	10.2	23.7	10.2	110.66	0.0	0.03	319.00	208.31	0	0.000	0.00	
	28	10.2	23.7	10.2	110.66	0.0	0.03	319.00	208.31	0	0.000	0.00	
	29	10.2	23.7	10.2	110.66	0.0	0.03	319.00	208.31	0	0.000	0.00	
	30	11.0	23.7	11.0	110.66	0.0	0.05	319.00	208.28	0	0.000	0.00	
	31	22.2	27.4	22.2	110.69	0.0	0.78	319.00	207.53	0	0.000	0.00	1.73
Aug.	1	156.7	185.5	64.7	111.71	90.0	28.21	319.25	179.33	2	0.898	142.00	
	2	195.5	272.8	105.8	112.56	90.0	28.21	319.56	178.58	2	0.899	141.97	
	3	215.4	477.4	125.4	112.82	90.0	28.21	319.41	178.38	2	0.898	141.64	
	4	217.7	476.4	127.7	113.77	90.0	28.21	319.43	178.44	2	0.899	141.68	
	5	162.6	306.9	72.6	113.31	90.0	28.21	319.27	178.74	2	0.898	141.67	
	6	152.8	238.8	22.8	111.89	90.0	28.21	319.06	178.98	2	0.898	141.82	
	7	84.3	142.6	7.3	111.45	77.1	26.70	319.00	184.45	2	0.910	138.54	
	8	66.4	125.2	7.3	111.34	59.2	13.21	319.00	189.45	2	0.901	102.22	
	9	53.1	106.2	7.3	111.22	47.9	7.99	319.00	190.79	2	0.875	81.91	
	10	47.5	91.3	7.3	111.13	40.3	5.66	319.00	202.23	2	0.842	67.20	
	11	43.8	78.5	7.3	111.04	33.6	4.41	319.00	203.54	1	0.910	64.40	
	12	39.1	70.7	7.3	110.99	30.9	3.53	319.00	204.09	1	0.908	54.56	
	13	34.7	64.1	7.3	110.94	27.5	2.63	319.00	203.63	1	0.905	49.78	
	14	49.4	72.9	7.2	111.00	42.2	6.20	319.00	201.80	2	0.851	71.05	
	15	94.7	218.8	7.3	111.80	80.5	27.80	319.00	179.21	2	0.909	141.33	
	16	81.5	162.0	7.2	111.57	74.3	19.23	319.00	186.30	2	0.911	134.90	
	17	104.3	203.6	14.5	111.91	90.0	28.21	319.04	179.02	2	0.898	141.85	
	18	684.1	938.2	594.1	113.64	90.0	28.21	320.30	179.42	2	0.899	141.47	
	19	525.7	939.6	435.7	113.57	90.0	28.21	320.04	178.27	2	0.899	141.37	
	20	259.5	457.4	159.5	112.82	90.0	28.21	319.43	178.42	2	0.899	141.46	
	21	156.7	294.6	66.7	112.27	90.0	28.21	319.25	178.77	2	0.898	141.69	
	22	130.8	218.8	40.9	111.89	90.0	28.21	319.16	179.06	2	0.898	141.67	
	23	109.9	162.6	18.9	111.69	90.0	28.21	319.07	179.17	2	0.898	141.84	
	24	94.7	162.0	7.2	111.57	80.5	27.80	319.00	179.53	2	0.898	141.54	
	25	90.9	144.9	7.2	111.47	82.8	23.68	319.00	182.66	2	0.906	135.08	
	26	136.2	180.6	36.2	111.50	90.0	28.21	319.14	179.43	2	0.898	142.00	
	27	206.0	294.5	116.0	113.22	90.0	28.21	319.39	178.96	2	0.898	141.81	
	28	174.6	270.3	84.6	112.15	90.0	28.21	319.30	178.94	2	0.898	141.80	
	29	153.6	213.7	63.6	111.86	90.0	28.21	319.18	179.11	2	0.898	141.90	
	30	111.8	179.6	21.8	111.67	90.0	28.21	319.08	179.19	2	0.898	141.94	
	31	162.6	179.6	72.6	111.67	90.0	21.21	319.27	179.34	2	0.898	142.00	134.44
Sep.	1	462.4	464.1	372.4	112.89	90.0	28.21	319.93	178.83	2	0.899	141.73	
	2	318.9	423.5	228.9	112.73	90.0	28.21	319.63	178.71	2	0.900	141.65	
	3	206.0	300.0	116.0	113.28	90.0	28.21	319.39	178.90	2	0.898	141.77	
	4	151.9	234.6	61.9	111.97	90.0	28.21	319.23	179.05	2	0.898	141.86	
	5	138.9	191.5	54.9	111.74	90.0	28.21	319.15	179.20	2	0.898	141.96	
	6	109.0	153.4	19.0	111.53	90.0	28.21	319.07	179.34	2	0.898	142.00	
	7	94.8	136.3	7.3	111.41	87.6	26.75	319.00	180.86	2	0.901	139.92	
	8	84.3	120.0	7.3	111.36	77.1	20.70	319.00	184.94	2	0.910	138.80	
	9	76.7	116.8	7.3	111.29	69.5	14.82	319.00	190.09	2	0.911	118.47	
	10	68.4	106.2	7.2	111.22	59.2	13.21	319.00	191.57	2	0.902	102.29	
	11	60.7	96.3	7.2	111.14	53.5	9.97	319.00	197.87	2	0.890	90.32	
	12	54.9	84.3	7.2	111.09	49.7	8.60	319.00	199.31	2	0.879	83.96	
	13	53.1	86.3	7.2	111.09	47.9	7.99	319.00	199.91	2	0.875	81.97	
	14	59.8	94.3	7.2	111.14	52.6	9.44	319.00	198.21	2	0.888	92.49	
	15	66.4	106.2	7.2	111.22	59.2	13.21	319.00	195.57	2	0.902	102.29	
	16	59.8	93.8	7.2	111.14	52.6	9.64	319.00	198.22	2	0.888	90.70	
	17	53.2	84.8	7.2	111.11	43.0	7.05	319.00	200.84	2	0.863	76.42	
	18	78.6	98.7	7.2	111.17	72.4	18.36	319.00	188.57	2	0.912	122.82	
	19	90.0	139.7	7.2	111.31	82.9	23.68	319.00	183.81	2	0.904	133.18	
	20	70.1	98.7	7.2	111.17	63.9	13.78	319.00	194.05	2	0.897	109.43	
	21	55.1	83.9	7.2	111.07	47.9	7.99	319.00	198.94	2	0.875	81.98	
	22	49.4	75.1	7.2	111.01	43.2	6.20	319.00	201.78	2	0.851	71.04	
	23	47.5	72.9	7.2	111.00	40.3	5.64	319.00	202.34	2	0.843	67.34	
	24	53.2	73.1	7.2	111.01	43.0	7.05	319.00	200.93	2	0.863	74.47	
	25	69.2	94.3	7.2	111.09	62.0	13.39	319.00	194.52	2	0.906	107.04	
	26	82.4	105.7	7.2	111.21	75.2	18.48	319.00	188.10	2	0.911	126.31	
	27	64.5	98.7	7.2	111.17	57.5	11.43	319.00	196.39	2	0.898	99.06	
	28	52.2	84.3	7.2	111.09	43.0	7.01	319.00	200.84	2	0.863	74.43	
	29	46.6	73.1	7.2	111.01	39.4	5.41	319.00	202.58	1	0.900	70.39	
	30	44.7	72.9	7.2	111.00	37.5	4.90	319.00	203.10	1	0.904	67.64	
													105.67

Date		Discharge Dam (cms)	Discharge PH (cms)	RMF or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit nos	Efficie ncy	Output MW	Monthl y Ave. MW
Oct.	1	42.6	72.9	7.2	111.00	35.40	4.41	319.00	203.59	1	0.910	64.65	
	2	41.9	66.3	7.2	110.96	34.70	4.19	319.00	203.85	1	0.911	63.16	
	3	38.1	60.0	7.2	110.91	30.90	3.53	319.00	204.76	1	0.909	56.38	
	4	34.4	54.2	7.2	110.99	29.20	2.97	319.00	205.14	1	0.905	53.13	
	5	34.7	54.3	7.2	110.87	27.50	2.63	319.00	205.49	1	0.899	48.77	
	6	33.8	53.4	7.2	110.86	25.70	2.30	319.00	205.84	1	0.890	44.15	
	7	33.0	50.3	7.3	110.85	24.80	2.14	319.00	206.01	1	0.884	44.26	
	8	44.6	108.6	7.3	111.34	39.40	5.41	319.00	202.56	1	0.900	70.53	
	9	84.2	203.6	7.3	111.81	77.00	21.79	319.00	183.43	2	0.910	130.99	
	10	85.3	247.6	7.2	112.04	78.10	21.36	319.00	185.72	2	0.910	139.37	
	11	68.2	203.3	7.2	111.79	62.00	13.39	319.00	193.82	2	0.905	104.81	
	12	52.2	133.5	7.3	111.40	45.00	7.05	319.00	200.55	2	0.863	74.39	
	13	44.6	106.2	7.2	111.22	39.40	5.41	319.00	202.37	1	0.900	70.53	
	14	43.8	91.3	7.2	111.12	35.60	4.41	319.00	203.66	1	0.910	64.41	
	15	47.5	111.4	7.2	111.24	40.30	5.66	319.00	202.09	2	0.842	67.25	
	16	103.4	176.7	10.4	111.66	90.00	28.21	319.02	179.15	2	0.898	141.93	
	17	134.7	227.9	44.7	111.99	90.00	28.21	319.17	178.97	2	0.898	141.82	
	18	225.5	283.2	143.5	112.21	90.00	28.21	319.46	179.05	2	0.898	141.86	
	19	196.0	313.7	96.0	112.34	90.00	28.21	319.33	178.79	2	0.899	141.79	
	20	148.8	237.8	58.8	111.89	90.00	28.21	319.12	179.02	2	0.898	141.85	
	21	164.2	226.9	54.2	111.82	90.00	28.21	319.21	179.07	2	0.898	141.88	
	22	101.4	152.6	11.4	111.60	90.00	28.21	319.03	179.13	2	0.898	141.91	
	23	61.5	147.7	7.2	111.48	74.30	18.25	319.00	188.29	2	0.911	134.96	
	24	90.9	136.3	7.2	111.41	83.70	24.49	319.00	185.19	2	0.906	136.07	
	25	132.1	176.7	42.1	111.66	90.00	28.21	319.17	178.50	2	0.898	142.00	
	26	249.8	327.4	179.8	112.40	90.00	28.21	319.54	178.93	2	0.898	141.79	
	27	519.2	928.2	429.2	113.66	90.00	28.23	320.03	178.16	2	0.899	141.29	
	28	496.7	604.8	406.7	113.20	90.00	28.21	319.99	178.50	2	0.899	141.83	
	29	401.1	540.1	311.1	113.02	90.00	28.21	319.82	178.50	2	0.899	141.57	
	30	253.3	340.2	163.3	112.55	90.00	28.21	319.51	178.73	2	0.899	141.68	
	31	177.3	272.2	81.3	112.16	90.00	28.21	319.29	178.92	2	0.898	141.78	107.89
Nov.	1	165.6	241.1	73.6	112.01	90.00	28.21	319.27	179.05	2	0.898	141.87	
	2	179.7	253.3	89.7	112.06	90.00	28.21	319.32	179.05	2	0.898	141.87	
	3	183.5	257.3	105.5	112.09	90.00	28.21	319.36	179.06	2	0.898	141.87	
	4	175.6	241.1	85.6	112.01	90.00	28.21	319.30	179.09	2	0.898	141.90	
	5	173.5	237.8	83.5	111.99	90.00	28.21	319.30	179.10	2	0.898	141.90	
	6	153.8	234.6	63.8	111.97	90.00	28.21	319.24	179.05	2	0.898	141.87	
	7	136.2	191.5	54.2	111.74	99.99	28.21	319.13	179.18	2	0.898	141.95	
	8	108.1	162.0	18.1	111.57	90.00	28.21	319.04	179.28	2	0.898	142.00	
	9	99.5	150.4	9.5	111.50	90.00	28.21	319.02	179.30	2	0.898	142.00	
	10	91.9	135.2	7.2	111.52	84.78	24.90	319.00	182.99	2	0.905	137.02	
	11	240.3	433.6	172.3	112.81	90.00	28.21	319.53	178.31	2	0.898	141.52	
	12	377.2	772.8	287.2	115.43	90.00	28.22	319.77	178.13	2	0.899	141.28	
	13	384.6	743.8	294.6	113.50	90.00	28.21	319.79	178.20	2	0.898	141.33	
	14	336.5	540.0	246.5	113.07	90.00	28.21	319.69	178.41	2	0.898	141.43	
	15	241.2	423.5	151.2	112.73	90.00	28.21	319.46	178.54	2	0.898	141.54	
	16	166.5	303.4	76.5	112.30	90.00	28.21	319.28	178.77	2	0.898	141.69	
	17	131.8	241.1	41.8	112.01	90.00	28.21	319.16	178.94	2	0.898	141.80	
	18	134.2	203.5	34.2	111.79	90.00	28.21	319.13	179.13	2	0.898	141.93	
	19	100.4	179.6	10.4	111.67	90.00	28.21	319.02	179.14	2	0.898	141.92	
	20	93.0	162.0	7.2	111.57	82.80	23.88	319.00	183.55	2	0.906	135.01	
	21	86.2	147.7	7.2	111.46	79.00	21.79	319.00	185.78	2	0.909	130.80	
	22	82.4	136.3	7.2	111.41	75.20	19.69	319.00	187.89	1	0.911	126.17	
	23	76.7	128.0	7.2	111.36	68.50	14.82	319.00	190.82	2	0.911	118.43	
	24	64.3	114.3	7.2	111.27	57.30	11.43	319.00	194.29	2	0.895	99.09	
	25	59.8	106.2	7.2	111.22	52.65	9.64	319.00	198.14	2	0.868	90.65	
	26	55.1	106.2	7.2	111.22	47.90	7.99	319.00	199.79	2	0.873	81.95	
	27	60.3	110.7	7.2	111.31	61.10	13.60	319.00	194.69	2	0.904	109.43	
	28	225.9	295.1	135.9	112.35	90.00	28.21	319.44	178.96	2	0.898	141.82	
	29	221.0	344.3	131.0	113.02	90.00	28.21	319.44	178.62	2	0.899	141.47	
	30	193.5	427.1	103.5	112.74	90.00	28.21	319.36	178.61	2	0.898	141.46	
													133.56
Dec.	1	134.7	234.1	44.7	112.07	90.00	28.21	319.25	178.97	2	0.898	141.81	
	2	132.8	206.6	42.8	111.83	90.00	28.21	319.17	179.13	2	0.898	141.92	
	3	104.3	173.7	14.3	111.64	90.00	28.21	319.04	179.19	2	0.898	141.96	
	4	84.3	144.9	7.2	111.47	77.10	20.70	319.00	186.03	2	0.910	138.53	
	5	74.0	122.5	7.2	111.33	66.80	13.54	319.00	192.13	2	0.910	134.44	
	6	70.1	111.4	7.2	111.24	62.90	13.78	319.00	193.97	2	0.907	108.60	
	7	68.3	106.2	7.2	111.22	61.10	13.00	319.00	194.70	2	0.904	105.48	
	8	73.1	103.7	7.2	111.21	63.90	14.22	319.00	193.37	2	0.908	136.80	
	9	54.9	95.3	7.2	111.14	49.70	8.60	319.00	199.24	2	0.879	83.32	
	10	48.5	83.9	7.2	111.07	41.30	5.94	319.00	201.99	2	0.847	69.26	
	11	51.3	79.5	7.2	111.04	44.10	6.77	319.00	201.19	2	0.859	74.72	
	12	148.0	177.7	58.0	111.64	90.00	28.21	319.21	179.37	2	0.898	142.00	
	13	127.1	176.7	37.1	111.66	90.00	28.21	319.14	179.28	2	0.898	142.00	
	14	117.6	158.6	27.6	111.50	90.00	28.21	319.11	179.29	2	0.898	142.00	
	15	130.9	158.1	40.9	111.55	90.00	28.21	319.16	179.29	2	0.898	142.00	
	16	152.8	185.3	62.9	111.71	90.00	28.21	319.23	179.32	2	0.898	142.00	
	17	126.2	176.7	36.2	111.66	90.00	28.21	319.14	179.27	2	0.898	142.00	
	18	130.9	173.7	40.9	111.64	90.00	28.21	319.16	179.31	2	0.898	142.00	
	19	109.3	155.6	13.3	111.50	90.00	28.21	319.04	179.32	2	0.898	142.00	
	20	81.5	119.7	7.2	111.31	74.30	19.20	319.00	188.44	2	0.911	135.67	
	21	65.4	98.7	7.2	111.17	58.20	11.80	319.00	196.03	2	0.900	103.62	
	22	54.0	83.9	7.2	111.07	46.80	8.39	319.00	199.63	2	0.878	83.68	
	23	48.5	79.1	7.2	111.01	41.30	5.94	319.00	202.04	2	0.847	69.28	
	24	53.2	72.9	7.2	111.00	45.00	7.05	319.00	200.95	2	0.863	74.47	
	25	44.6	70.7	7.2	110.99	39.40	5.41	319.00	202.61	1	0.900	70.40	
	26	63.5	73.1	7.2	111.01	54.20	11.04	319.00	196.95	2	0.886	97.40	
	27	93.6	93.8	7.2	111.14	43.20	6.50	319.00	201.36	2	0.856	72.90	
	28	42.8	73.1	7.2	111.01	35.60	4.41	319.00	203.57	1	0.910	64.44	
	29	44.7	84.8	7.2	111.31	37.50	4.90	319.00	203.00	1	0.904	67.61	
	30	62.5	101.2	7.2	111.19	53.30	10.45	319.00	197.16	2	0.894	93.53	
	31	99.8	96.3	7.2	111.16	72.60	9.64	319.00	198.21	2	0.898	90.89	108.78

POWER GENERATION SIMULATION

Data Axis B — Rated Head : 179.30 m — Installed Capacity : 162.0 MW

Year : 1961 — F.S.L. : 319.00 m — Max. Plant Discharge : 90.00 cms

Date		Dischargo Dam (cms)	Discharge P/H (cms)	RMP or Spillage (mm)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Effiicie ncy	Output kW	Monthly Ave. kW
Jan.	1	52.2	79.5	7.2	111.04	45.0	7.05	319.00	200.90	2	0.843	74.45	
	2	64.4	103.7	7.2	111.31	90.2	13.31	319.00	185.79	2	0.892	150.30	
	3	54.1	93.8	7.2	111.14	66.5	7.86	319.00	200.20	2	0.870	80.05	
	4	74.0	96.5	7.2	111.09	64.8	13.54	319.00	190.37	2	0.910	114.80	
	5	157.2	150.4	17.3	111.30	90.0	29.31	319.06	179.35	2	0.888	143.00	
	6	98.6	144.9	8.6	111.47	90.0	29.31	319.01	179.35	2	0.888	143.00	
	7	73.0	108.6	7.2	111.24	65.8	13.09	319.00	192.68	2	0.909	132.96	
	8	61.7	91.3	7.2	111.12	54.5	10.34	319.00	197.53	2	0.893	94.34	
	9	47.5	77.3	7.2	111.03	40.3	5.66	319.00	202.31	2	0.843	67.32	
	10	42.8	66.9	7.2	110.96	35.6	4.41	319.00	209.63	1	0.910	64.66	
	11	42.8	62.0	7.2	110.91	35.6	4.41	319.00	203.67	1	0.910	64.67	
	12	38.1	56.2	7.2	110.80	30.9	3.35	319.00	204.79	1	0.903	54.38	
	13	33.7	54.3	7.2	110.87	26.5	2.45	319.00	209.68	1	0.894	47.76	
	14	38.4	52.5	7.2	110.85	23.2	1.72	319.00	205.44	1	0.866	38.87	
	15	27.8	44.8	7.2	110.81	20.5	1.48	319.00	206.71	1	0.851	33.53	
	16	40.0	58.1	7.2	110.90	32.8	3.75	319.00	204.35	1	0.911	59.87	
	17	65.4	75.1	7.2	111.01	58.2	11.80	319.00	194.19	2	0.900	100.71	
	18	90.0	98.7	7.2	111.17	82.8	23.88	319.00	183.95	2	0.906	135.27	
	19	118.5	200.5	33.5	111.79	90.0	28.31	319.11	179.11	2	0.888	141.90	
	20	182.6	218.8	70.6	111.89	90.0	28.31	319.26	179.16	2	0.888	141.93	
	21	156.7	212.7	66.7	111.86	90.0	28.31	319.25	179.15	2	0.888	141.85	
	22	106.2	164.9	14.2	111.59	90.0	28.21	319.05	179.25	2	0.898	142.00	
	23	91.9	133.5	7.2	111.40	84.7	24.98	319.00	182.62	2	0.904	137.10	
	24	74.0	108.6	7.2	111.24	64.8	13.54	319.00	192.22	2	0.910	134.51	
	25	57.8	86.8	7.2	111.11	50.6	8.83	319.00	198.98	2	0.882	87.03	
	26	51.3	73.1	7.2	111.01	44.1	6.77	319.00	201.21	2	0.879	74.75	
	27	64.4	91.3	7.2	111.12	58.2	12.31	319.00	190.67	2	0.902	102.35	
	28	56.9	96.3	7.2	111.16	49.7	8.60	319.00	199.24	2	0.879	85.33	
	29	47.5	108.6	7.2	111.24	40.3	5.66	319.00	202.11	2	0.842	67.24	
	30	46.6	91.3	7.2	111.12	39.4	5.41	319.00	202.47	1	0.900	70.56	
	31	45.7	83.9	7.2	111.07	38.5	5.16	319.00	202.76	1	0.900	69.10	93.91
Feb.	1	39.1	72.9	7.2	111.00	31.9	3.54	319.00	204.44	1	0.811	58.21	
	2	38.1	61.9	7.2	110.93	30.9	3.35	319.00	204.75	1	0.909	56.37	
	3	38.1	58.1	7.2	110.90	30.9	3.35	319.00	204.78	1	0.909	56.38	
	4	80.0	83.9	7.2	111.07	82.8	23.88	319.00	184.05	2	0.906	135.34	
	5	236.5	237.9	146.5	111.99	90.0	28.31	319.47	179.27	2	0.898	142.00	
	6	179.6	259.8	85.6	112.06	90.0	28.21	319.30	179.04	2	0.898	141.86	
	7	122.3	179.6	32.3	111.67	90.0	28.21	319.12	179.24	2	0.898	141.99	
	8	130.9	158.1	40.9	111.53	90.0	28.21	319.16	179.29	2	0.898	142.00	
	9	145.1	179.6	55.1	111.67	90.0	28.21	319.21	179.32	2	0.898	142.00	
	10	192.4	238.1	102.4	111.94	90.0	28.21	319.35	179.20	2	0.898	141.94	
	11	130.9	212.7	40.9	111.86	90.0	28.21	319.23	179.16	2	0.898	141.94	
	12	111.8	158.1	21.8	111.53	90.0	28.21	319.08	179.32	2	0.898	142.00	
	13	74.9	122.5	7.2	111.33	67.7	15.06	319.00	191.71	2	0.910	115.81	
	14	77.7	105.7	7.2	111.21	70.5	17.31	319.00	190.48	2	0.911	119.86	
	15	66.4	88.8	7.2	111.11	59.2	12.71	319.00	195.40	2	0.902	102.36	
	16	54.1	91.3	7.2	111.12	44.9	7.86	319.00	200.22	2	0.870	80.06	
	17	48.4	103.7	7.2	111.21	42.3	6.20	319.00	201.59	3	0.851	70.96	
	18	60.7	147.7	7.2	111.48	53.5	9.97	319.00	197.35	2	0.900	92.15	
	19	74.0	134.2	7.2	111.37	66.5	13.54	319.00	192.19	2	0.910	114.49	
	20	109.0	136.3	19.0	111.41	90.0	28.31	319.07	179.44	3	0.898	142.00	
	21	158.7	182.6	68.7	111.69	90.0	28.21	319.25	179.35	2	0.898	142.00	
	22	151.9	197.5	61.9	111.78	90.0	28.21	319.33	179.25	2	0.898	141.99	
	23	141.6	234.9	71.6	111.92	90.0	28.21	319.26	179.13	2	0.898	141.92	
	24	164.6	247.6	74.6	112.04	90.0	28.21	319.27	179.02	2	0.898	141.85	
	25	147.1	237.9	57.1	111.99	90.0	28.21	319.22	179.01	2	0.898	141.84	
	26	139.4	194.4	49.4	111.76	90.0	28.21	319.19	179.22	2	0.898	141.97	
	27	235.5	315.7	145.3	112.34	90.0	28.21	319.46	178.91	2	0.898	141.78	
	28	174.6	300.9	84.6	112.28	90.0	28.21	319.30	178.81	2	0.899	141.71	
													121.96
Mar.	1	163.6	283.2	73.6	112.21	90.0	28.21	319.27	178.85	2	0.899	141.74	
	2	126.2	268.7	36.2	111.84	90.0	28.21	319.14	179.09	2	0.898	141.89	
	3	95.7	142.0	7.2	111.37	88.5	27.28	319.00	180.15	2	0.900	140.64	
	4	74.0	130.7	7.2	111.36	66.8	13.54	319.00	192.08	2	0.910	114.42	
	5	64.5	106.2	7.2	111.22	57.3	11.43	319.00	196.34	2	0.898	99.03	
	6	63.5	103.7	7.2	111.21	56.3	11.06	319.00	196.76	2	0.896	97.29	
	7	74.8	134.2	7.2	111.37	67.7	13.96	319.00	191.76	2	0.911	115.84	
	8	62.5	122.5	7.2	111.33	55.3	10.65	319.00	197.02	2	0.894	95.46	
	9	59.8	96.3	7.2	111.16	52.6	9.84	319.00	198.21	2	0.888	90.49	
	10	55.1	86.8	7.2	111.11	47.9	7.99	319.00	199.90	2	0.873	81.98	
	11	48.5	83.9	7.2	111.07	41.3	5.94	319.00	201.99	2	0.847	69.26	
	12	44.6	79.5	7.2	111.04	39.4	5.41	319.00	202.53	1	0.900	70.58	
	13	63.4	94.3	7.2	111.18	58.2	11.80	319.00	196.05	2	0.900	100.62	
	14	100.4	139.1	10.4	111.43	90.0	28.21	319.02	179.38	2	0.898	142.00	
	15	95.7	144.9	7.2	111.47	88.5	27.28	319.00	180.26	2	0.900	140.71	
	16	70.1	114.8	7.2	111.29	62.9	13.78	319.00	193.95	2	0.907	108.54	
	17	64.4	102.7	7.2	111.21	59.2	12.31	319.00	195.59	2	0.902	102.30	
	18	138.6	215.8	48.4	111.86	90.0	28.21	319.19	179.10	2	0.898	141.90	
	19	247.1	412.6	157.1	112.69	90.0	28.21	319.49	178.99	2	0.899	141.97	
	20	413.0	802.1	320.0	113.14	90.0	28.21	319.84	178.49	2	0.899	141.51	
	21	742.8	980.2	652.8	113.66	90.0	28.21	320.39	178.31	2	0.898	141.52	
	22	577.0	841.0	487.0	113.50	90.0	28.21	320.13	178.52	2	0.899	141.60	
	23	592.6	544.3	502.6	113.02	90.0	28.21	319.80	178.56	2	0.899	141.56	
	24	243.9	331.5	153.9	112.49	90.0	28.21	319.49	178.79	2	0.899	141.70	
	25	168.5	247.6	78.5	112.04	90.0	28.21	319.28	179.03	2	0.898	141.86	
	26	142.3	218.8	52.3	111.89	90.0	28.21	319.20	179.10	2	0.898	141.90	
	27	118.5	179.6	28.5	111.67	90.0	28.21	319.11	179.22	2	0.898	141.98	
	28	95.7	147.7	7.2	111.48	88.5	27.28	319.00	180.24	2	0.900	140.70	
	29	83.4	128.0	7.2	111.34	76.2	20.22	319.00	187.42	2	0.911	127.48	
	30	74.7	114.8	7.2	111.29	68.5	14.82	319.00	190.89	2	0.911	118.47	
	31	70.1	106.2	7.2	111.22	62.9	13.78	319.00	191.00	2	0.907	108.42	121.44

Date		Discharge Dam (cms)	Discharge P/H (cms)	RMP or Spillage (mm)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Unit	Effiicie ncy	Output kW	Monthly Ave. kW
Apr.	1	61.7	94.3	7.2	111.16	54.50	10.34	319.00	197.30	2	0.892	94.13	
	2	57.8	91.3	7.2	111.13	50.60	8.82	319.00	198.96	2	0.892	87.02	
	3	78.7	103.7	7.2	111.21	71.50	17.80	319.00	188.99	2	0.912	121.36	
	4	70.6	122.5	7.2	111.33	72.40	18.36	319.00	189.43	2	0.913	122.52	
	5	74.9	111.6	7.2	111.26	67.70	15.96	319.00	191.78	2	0.911	115.85	
	6	54.9	93.8	7.2	111.14	49.70	8.60	319.00	199.26	2	0.879	83.54	
	7	50.4	79.5	7.2	111.04	43.30	6.50	319.00	201.46	2	0.836	72.07	
	8	47.5	75.1	7.2	111.01	40.30	5.66	319.00	202.33	2	0.843	67.33	
	9	44.7	70.7	7.2	110.99	37.50	4.90	319.00	203.13	1	0.906	67.65	
	10	42.8	66.9	7.2	110.97	35.60	4.41	319.00	203.62	1	0.910	64.66	
	11	41.9	64.1	7.2	110.94	34.70	4.19	319.00	203.87	1	0.911	63.17	
	12	41.9	64.1	7.2	110.94	34.70	4.19	319.00	203.87	1	0.911	63.17	
	13	41.0	66.9	7.2	110.96	33.80	3.98	319.00	204.07	1	0.912	61.62	
	14	38.1	64.1	7.2	110.94	30.90	3.33	319.00	204.73	1	0.908	56.37	
	15	67.3	86.3	7.2	111.09	60.10	12.98	319.00	195.33	2	0.903	103.89	
	16	194.7	191.5	104.7	111.74	90.00	28.21	319.36	179.41	2	0.898	142.00	
	17	195.5	234.9	103.5	111.92	90.00	28.21	319.36	179.32	2	0.898	141.98	
	18	150.0	198.3	60.0	111.73	90.00	28.21	319.23	179.29	2	0.898	142.00	
	19	185.7	176.7	65.7	111.66	90.00	28.21	319.34	179.30	2	0.898	142.00	
	20	125.2	142.0	35.2	111.43	90.00	28.21	319.14	179.48	2	0.898	142.00	
	21	94.7	125.2	7.2	111.34	88.50	27.80	319.00	179.74	2	0.898	141.66	
	22	80.6	115.9	7.2	111.29	73.40	18.76	319.00	188.85	2	0.913	133.80	
	23	74.0	108.6	7.2	111.24	66.80	13.54	319.00	192.22	2	0.910	134.51	
	24	69.2	101.2	7.2	111.19	62.00	13.39	319.00	194.42	2	0.906	106.96	
	25	54.8	94.3	7.2	111.16	51.60	9.27	319.00	198.37	2	0.845	84.85	
	26	60.7	83.9	7.2	111.07	53.50	9.97	319.00	197.96	2	0.900	92.37	
	27	60.7	84.3	7.2	111.08	53.50	9.97	319.00	197.94	2	0.900	92.36	
	28	55.1	83.9	7.2	111.07	47.90	7.99	319.00	199.94	2	0.873	81.98	
	29	47.5	79.5	7.2	111.04	40.30	5.66	319.00	202.50	2	0.843	67.53	
	30	42.8	70.7	7.2	110.99	35.60	4.41	319.00	203.60	1	0.910	64.65	
													97.77
May	1	46.0	61.9	7.2	110.93	32.80	3.75	319.00	204.35	1	0.911	59.86	
	2	34.1	60.0	7.2	110.91	30.80	3.33	319.00	204.76	1	0.909	56.38	
	3	37.2	58.1	7.2	110.90	30.00	3.13	319.00	204.97	1	0.907	54.47	
	4	37.2	58.1	7.2	110.90	30.00	3.13	319.00	204.97	1	0.907	54.47	
	5	44.5	70.7	7.2	110.99	41.30	5.94	319.00	202.07	2	0.847	69.30	
	6	44.5	75.1	7.2	111.01	41.30	5.94	319.00	202.04	2	0.847	69.30	
	7	37.2	70.7	7.2	110.99	30.00	3.13	319.00	204.88	1	0.907	54.45	
	8	51.3	73.9	7.2	111.00	44.10	6.77	319.00	201.23	2	0.839	74.74	
	9	62.9	83.9	7.2	111.07	55.30	10.65	319.00	197.38	2	0.894	95.40	
	10	47.5	81.7	7.2	111.06	40.30	5.66	319.00	202.28	2	0.843	67.31	
	11	36.1	70.7	7.2	110.99	30.90	3.33	319.00	204.89	1	0.908	54.56	
	12	33.5	60.0	7.2	110.91	28.30	2.79	319.00	205.50	1	0.903	51.36	
	13	33.7	54.3	7.2	110.89	26.50	2.45	319.00	205.67	1	0.894	47.73	
	14	33.7	52.4	7.2	110.86	26.50	2.45	319.00	205.69	1	0.894	47.76	
	15	32.0	52.4	7.2	110.86	24.80	2.14	319.00	206.03	1	0.884	44.28	
	16	31.2	50.5	7.2	110.85	24.00	2.01	319.00	206.15	1	0.879	42.63	
	17	33.7	54.3	7.2	110.87	26.50	2.45	319.00	205.68	1	0.894	47.76	
	18	42.8	61.9	7.2	110.93	35.60	4.41	319.00	203.66	1	0.910	64.67	
	19	73.0	237.9	7.2	111.99	65.90	15.08	319.00	191.95	2	0.908	132.51	
	20	60.7	104.2	7.2	111.32	53.50	9.97	319.00	197.81	2	0.900	92.39	
	21	43.8	79.5	7.2	111.04	36.40	6.67	319.00	203.20	1	0.908	66.24	
	22	38.1	61.9	7.2	110.93	30.90	3.33	319.00	204.75	1	0.909	56.37	
	23	36.4	58.1	7.2	110.90	29.20	2.97	319.00	205.13	1	0.905	53.15	
	24	33.7	54.3	7.2	110.87	26.50	2.45	319.00	205.68	1	0.894	47.76	
	25	31.2	52.4	7.2	110.86	24.00	2.01	319.00	206.13	1	0.879	42.63	
	26	31.2	50.5	7.2	110.85	24.00	2.01	319.00	206.13	1	0.879	42.63	
	27	29.4	50.5	7.2	110.85	22.20	1.72	319.00	206.44	1	0.866	38.87	
	28	28.6	46.7	7.2	110.82	21.40	1.59	319.00	206.58	1	0.859	37.20	
	29	27.8	44.8	7.2	110.81	20.60	1.48	319.00	206.71	1	0.851	35.53	
	30	27.8	44.8	7.2	110.81	20.60	1.48	319.00	206.71	1	0.851	35.53	
	31	24.1	42.9	7.2	110.79	18.90	1.24	319.00	208.96	1	0.834	31.97	56.91
Jun.	1	24.5	41.9	7.2	110.79	17.30	1.04	319.00	207.19	1	0.816	28.66	
	2	24.5	39.7	7.2	110.77	17.30	1.04	319.00	207.19	1	0.816	28.66	
	3	24.5	39.7	7.2	110.77	17.30	1.04	319.00	207.19	1	0.816	28.66	
	4	23.8	34.2	7.2	110.76	16.60	0.96	319.00	207.25	1	0.807	27.22	
	5	23.8	38.2	7.2	110.76	16.60	0.96	319.00	207.25	1	0.807	27.22	
	6	23.4	44.8	7.2	110.81	18.20	1.15	319.00	207.04	1	0.826	30.32	
	7	27.8	34.2	7.2	110.87	20.60	1.48	319.00	206.65	1	0.851	33.51	
	8	28.4	32.4	7.2	110.86	22.20	1.72	319.00	206.42	1	0.845	34.87	
	9	25.4	43.6	7.2	110.85	18.20	1.15	319.00	207.01	1	0.826	30.51	
	10	23.8	42.9	7.2	110.79	16.60	0.96	319.00	207.25	1	0.807	27.22	
	11	27.0	44.8	7.2	110.81	19.80	1.37	319.00	206.83	1	0.844	33.65	
	12	36.4	84.3	7.2	111.09	29.20	2.97	319.00	204.94	1	0.905	53.07	
	13	99.1	208.7	7.2	111.84	81.90	23.36	319.00	183.80	2	0.907	133.84	
	14	154.8	203.4	64.8	112.30	90.00	28.21	319.24	178.73	2	0.898	141.66	
	15	113.8	228.1	23.8	111.94	90.00	28.21	319.09	178.94	2	0.898	141.79	
	16	73.0	164.9	7.2	111.39	65.90	15.08	319.00	192.33	2	0.909	132.76	
	17	55.1	122.5	7.2	111.33	47.90	7.99	319.00	199.68	2	0.873	81.96	
	18	44.6	96.3	7.2	111.16	39.40	5.41	319.00	202.44	1	0.900	70.35	
	19	41.9	83.9	7.2	111.07	34.70	4.19	319.00	203.73	1	0.911	63.13	
	20	48.5	83.9	7.2	111.07	41.30	5.94	319.00	201.99	2	0.847	69.26	
	21	55.1	93.8	7.2	111.14	47.90	7.99	319.00	199.87	2	0.873	81.95	
	22	67.3	98.7	7.2	111.17	60.10	12.98	319.00	195.25	2	0.903	103.64	
	23	54.9	96.7	7.2	111.17	49.70	8.60	319.00	199.22	2	0.879	83.52	
	24	47.5	83.9	7.2	111.07	40.30	5.66	319.00	202.27	2	0.843	67.31	
	25	42.8	75.1	7.2	111.01	35.60	4.41	319.00	203.57	1	0.910	64.64	
	26	40.0	68.5	7.2	110.97	32.80	3.75	319.00	204.28	1	0.911	59.83	
	27	38.1	64.5	7.2	110.94	30.90	3.33	319.00	204.72	1	0.909	56.36	
	28	36.4	61.9	7.2	110.93	29.20	2.97	319.00	205.11	1	0.905	53.12	
	29	34.7	60.0	7.2	110.91	27.50	2.63	319.00	205.45	1	0.899	49.76	
	30	32.9	58.1	7.2	110.90	23.70	2.30	319.00	205.80	1	0.850	44.12	
													62.43

POWER GENERATION SIMULATION

Year : 1961 | Dam Axis B | F.S.L. = 319.00 m | Rated Head : 179.30 m | Max. Plant Discharge : 90.00 cms | Installed Capacity : 142.0 MW

Date		Discharge Dem (cms)	Discharge Pdl (cms)	RMF or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Units	Effcie ncy	Output MW	Monthl y Ave. MW
Jul.	1	51.3	52.4	7.2	110.86	54.0	2.61	319.00	206.13	1	0.870	42.92	
	2	50.4	52.4	7.2	110.86	52.2	1.72	319.00	206.42	1	0.865	36.87	
	3	50.4	50.5	7.2	110.85	52.2	1.73	319.00	206.44	1	0.865	36.87	
	4	50.6	50.5	7.2	110.85	51.4	1.99	319.00	206.56	1	0.859	37.20	
	5	37.8	48.6	7.2	110.83	20.6	1.68	319.00	206.69	1	0.871	35.52	
	6	36.1	46.7	7.2	110.82	18.9	1.24	319.00	206.94	1	0.854	31.97	
	7	36.1	44.8	7.2	110.81	18.9	1.24	319.00	206.95	1	0.854	31.97	
	8	93.8	103.7	7.2	111.31	86.6	26.12	319.00	181.68	2	0.902	139.10	
	9	125.3	185.5	35.2	111.71	90.0	28.53	319.14	179.22	2	0.899	141.97	
	10	88.2	120.6	7.2	111.30	81.0	22.85	319.00	184.45	2	0.908	139.69	
	11	68.2	114.3	7.2	111.27	61.1	13.60	319.00	194.72	2	0.904	105.45	
	12	37.8	96.3	7.2	111.16	30.6	4.82	319.00	198.93	2	0.882	97.01	
	13	52.2	83.9	7.2	111.07	43.6	7.05	319.00	200.87	2	0.883	76.44	
	14	46.6	72.9	7.2	111.00	39.4	5.41	319.00	202.59	1	0.905	70.40	
	15	74.9	81.7	7.2	111.06	67.7	13.86	319.00	191.88	2	0.911	113.98	
	16	104.5	162.0	14.3	111.57	90.0	28.21	319.04	179.36	2	0.898	142.09	
	17	80.6	119.7	7.2	111.31	73.4	18.76	319.00	186.93	2	0.912	123.86	
	18	67.3	98.7	7.2	111.17	60.1	13.98	319.00	195.25	2	0.905	107.84	
	19	54.9	86.5	7.2	111.09	48.7	8.80	319.00	199.31	2	0.879	83.96	
	20	53.2	77.3	7.2	111.05	46.0	7.37	319.00	200.40	2	0.867	78.38	
	21	46.6	72.9	7.2	111.00	39.4	5.41	319.00	202.59	1	0.905	70.40	
	22	43.8	68.8	7.2	110.97	36.6	4.67	319.00	203.34	1	0.908	66.26	
	23	70.1	61.9	7.2	110.93	31.9	3.34	319.00	204.53	1	0.911	50.23	
	24	35.5	58.1	7.2	110.90	28.3	2.79	319.00	205.31	1	0.902	51.36	
	25	33.7	54.3	7.2	110.87	24.5	2.43	319.00	205.68	1	0.894	47.76	
	26	32.9	52.4	7.2	110.86	25.7	2.35	319.00	205.84	1	0.860	44.13	
	27	32.0	52.4	7.2	110.86	24.8	2.14	319.00	206.00	1	0.844	44.38	
	28	29.4	52.4	7.2	110.86	22.2	1.72	319.00	206.42	1	0.865	38.87	
	29	23.4	48.6	7.2	110.83	18.2	1.15	319.00	207.01	1	0.836	30.51	
	30	24.5	44.8	7.2	110.81	17.3	1.04	319.00	207.15	1	0.816	28.65	
	31	23.0	43.9	7.2	110.79	16.6	0.96	319.00	207.25	1	0.807	27.22	69.99
Aug.	1	23.0	43.9	7.2	110.79	15.8	0.87	319.00	207.34	1	0.797	25.99	
	2	23.8	42.9	7.2	110.79	16.6	0.96	319.00	207.25	1	0.807	27.22	
	3	24.5	41.4	7.2	110.78	17.3	1.04	319.00	207.17	1	0.816	28.46	
	4	24.5	39.7	7.2	110.77	17.3	1.04	319.00	207.19	1	0.816	28.46	
	5	23.8	39.7	7.2	110.77	16.6	0.96	319.00	207.27	1	0.807	27.22	
	6	23.0	39.7	7.2	110.77	15.8	0.87	319.00	207.36	1	0.797	25.99	
	7	21.4	36.7	21.4	110.75	0.0	0.70	319.00	207.55	0	0.000	0.00	
	8	21.4	36.7	21.4	110.75	0.0	0.70	319.00	207.55	0	0.000	0.00	
	9	20.6	35.1	20.6	110.74	0.0	0.63	319.00	207.63	0	0.000	0.00	
	10	19.8	35.1	19.8	110.74	0.0	0.55	319.00	207.71	0	0.000	0.00	
	11	19.0	33.5	19.0	110.73	0.0	0.48	319.00	207.78	0	0.000	0.00	
	12	19.0	33.5	19.0	110.73	0.0	0.44	319.00	207.79	0	0.000	0.00	
	13	18.1	33.5	18.1	110.73	0.0	0.41	319.00	207.86	0	0.000	0.00	
	14	18.1	32.0	18.1	110.72	0.0	0.41	319.00	207.87	0	0.000	0.00	
	15	19.8	33.5	19.8	110.73	0.0	0.55	319.00	207.72	0	0.000	0.00	
	16	22.2	33.9	22.2	110.73	0.0	0.78	319.00	207.49	0	0.000	0.00	
	17	23.8	42.9	7.2	110.79	23.7	2.30	319.00	205.91	1	0.890	44.15	
	18	43.8	54.3	7.2	110.87	36.6	4.67	319.00	203.46	1	0.908	66.28	
	19	31.2	44.6	7.2	110.81	24.0	2.61	319.00	206.19	1	0.870	42.64	
	20	20.6	38.7	20.6	110.77	0.0	0.63	319.00	207.80	0	0.000	0.00	
	21	23.8	33.1	7.2	110.74	16.6	0.96	319.00	207.30	1	0.807	27.23	
	22	24.5	34.7	7.2	110.75	17.3	1.04	319.00	207.21	1	0.816	28.46	
	23	21.4	35.1	21.4	110.74	0.0	0.70	319.00	207.56	0	0.000	0.00	
	24	18.8	35.1	18.8	110.74	0.0	0.55	319.00	207.71	0	0.000	0.00	
	25	18.1	32.0	18.1	110.73	0.0	0.41	319.00	207.87	0	0.000	0.00	
	26	18.1	32.0	18.1	110.72	0.0	0.41	319.00	207.87	0	0.000	0.00	
	27	16.5	28.9	16.5	110.70	0.0	0.30	319.00	208.00	0	0.000	0.00	
	28	16.5	30.5	16.5	110.71	0.0	0.30	319.00	207.99	0	0.000	0.00	
	29	14.9	28.5	14.9	110.70	0.0	0.21	319.00	208.10	0	0.000	0.00	
	30	17.4	32.0	17.4	110.72	0.0	0.36	319.00	207.93	0	0.000	0.00	
	31	20.4	34.2	20.6	110.76	0.0	0.63	319.00	207.61	0	0.000	0.00	14.06
Sep.	1	21.4	36.2	21.4	110.76	0.0	0.70	319.00	207.54	0	0.000	0.00	
	2	24.5	41.4	7.2	110.78	17.3	1.04	319.00	207.17	1	0.816	28.46	
	3	26.1	44.8	7.2	110.81	18.9	1.24	319.00	206.95	1	0.834	31.97	
	4	22.2	38.2	22.2	110.76	0.0	0.78	319.00	207.46	0	0.000	0.00	
	5	19.8	35.1	19.8	110.74	0.0	0.55	319.00	207.71	0	0.000	0.00	
	6	67.3	68.5	7.2	110.97	46.1	12.58	319.00	193.45	2	0.903	105.96	
	7	244.7	310.3	154.7	112.53	90.0	28.21	319.49	178.95	2	0.898	141.80	
	8	224.8	360.9	134.8	112.62	90.0	28.21	319.44	178.60	2	0.899	141.54	
	9	242.2	417.8	282.2	112.80	90.0	28.21	319.78	178.68	2	0.899	141.63	
	10	603.7	915.3	603.7	113.65	90.0	28.21	320.51	178.46	2	0.899	141.49	
	11	1024.6	1534.1	934.6	114.19	90.0	28.21	320.78	178.38	2	0.899	141.44	
	12	1029.9	1644.4	939.9	114.61	90.0	28.21	320.79	177.97	2	0.899	141.17	
	13	979.2	1521.5	889.2	114.44	90.0	28.21	320.72	178.07	2	0.899	141.24	
	14	828.9	1098.7	738.9	113.79	90.0	28.21	320.51	178.31	2	0.899	141.53	
	15	657.2	799.4	567.2	113.47	90.0	28.21	320.23	178.53	2	0.898	141.54	
	16	635.5	596.6	545.5	113.05	90.0	28.21	320.14	178.63	2	0.899	141.99	
	17	390.6	361.9	180.6	112.53	90.0	28.21	319.30	178.77	2	0.899	141.68	
	18	187.1	276.7	97.1	112.18	90.0	28.21	319.34	178.95	2	0.898	141.80	
	19	175.8	237.9	85.8	111.99	90.0	28.21	319.30	179.10	2	0.898	141.90	
	20	167.6	228.1	77.6	111.94	90.0	28.21	319.28	179.13	2	0.898	141.92	
	21	171.5	224.9	81.5	111.93	90.0	28.21	319.29	179.16	2	0.898	141.94	
	22	159.7	219.7	69.7	112.24	90.0	28.21	319.26	178.81	2	0.899	141.71	
	23	165.5	224.0	75.5	112.38	90.0	25.31	319.27	178.68	2	0.899	141.63	
	24	163.6	213.7	73.6	112.34	90.0	28.21	319.27	178.72	2	0.899	141.65	
	25	305.8	484.1	215.8	112.89	90.0	28.21	319.63	178.53	2	0.899	141.53	
	26	398.1	552.4	308.1	113.04	90.0	28.21	319.81	178.54	2	0.899	141.55	
	27	341.9	472.7	251.9	112.86	90.0	28.21	319.70	178.63	2	0.899	141.60	
	28	319.7	457.6	229.7	112.82	90.0	28.21	319.66	178.62	2	0.899	141.59	
	29	734.3	1237.1	644.3	114.06	90.0	28.21	320.38	178.10	2	0.899	141.26	
	30	799.4	1363.2	709.4	114.23	90.0	28.21	320.47	178.03	2	0.899	141.21	
													111.73

Date		Discharge Dem (cms)	Discharge Pdl (cms)	RMF or Spillage (cms)	Tail water level m	Plant Q (cms)	Loss	Rsrv level	Effect. Head h	Units	Effcie ncy	Output MW	Monthl y Ave. MW
Oct.	1	604.1	976.5	504.1	113.72	90.00	28.21	320.50	178.37	2	0.899	141.43	
	2	514.7	775.2	424.7	113.57	90.00	28.21	320.02	178.45	2	0.899	141.48	
	3	520.4	491.7	259.4	113.91	90.00	28.21	319.68	178.56	2	0.900	141.55	
	4	317.7	377.7	137.7	113.44	90.00	28.21	319.43	178.77	2	0.903	141.89	
	5	153.8	270.3	63.8	113.15	90.00	28.21	319.24	178.86	2	0.898	141.76	
	6	145.1	228.1	55.1	111.94	90.00	28.21	319.31	179.04	2	0.898	141.87	
	7	132.8	205.6	42.8	111.81	90.00	28.21	319.17	179.13	2	0.898	141.93	
	8	113.7	179.6	25.7	111.67	90.00	28.21	319.10	179.21	2	0.898	141.97	
	9	137.5	241.1	47.5	113.01	90.00	28.21	319.18	178.97	2	0.898	141.81	
	10	119.8	194.4	23.5	111.76	90.00	28.21	319.09	179.13	2	0.898	141.91	
	11	170.6	243.5	80.6	112.10	90.00	28.21	319.29	178.98	2	0.898	141.82	
	12	208.6	398.2	218.6	113.65	90.00	28.21	319.63	178.77	2	0.899	141.69	
	13	208.5	313.7	139.5	112.54	90.00	28.21	319.40	178.85	2	0.899	141.74	
	14	191.8	491.7	261.6	112.91	90.00	28.21	319.72	178.80	2	0.899	141.56	
	15	788.3	1377.6	698.3	114.25	90.00	28.21	320.45	177.99	2	0.899	141.19	
	15	546.7	782.6	476.7	113.44	90.00	28.21	320.11	178.46	2	0.899	141.49	
	17	372.7	511.1	282.7	112.95	90.00	28.21	319.77	178.61	2	0.899	141.58	
	18	266.0	367.9	196.0	112.61	90.00	28.21	319.58	178.76	2	0.898	141.68	
	19	217.7	304.9	127.7	112.51	90.00	28.21	319.42	178.80	2	0.898	141.71	
	20	178.7	234.1	88.7	112.07	90.00	28.21	319.31	179.03	2	0.898	141.85	
	21	240.6	366.5	150.6	112.32	90.00	28.21	319.58	179.07	2	0.898	141.88	
	22	554.3	437.9	364.3	112.90	90.00	28.21	319.72	178.62	2	0.898	141.59	
	23	308.0	418.4	213.0	112.77	90.00	28.21	319.62	178.64	2	0.899	141.60	
	24	202.6	358.3	113.6	113.51	90.00	28.21	319.58	178.66	3	0.899	141.62	
	25	432.4	598.0	340.4	113.13	90.00	28.21	319.91	178.57	2	0.899	141.56	
	26	905.6	1280.8	815.6	114.12	90.00	28.21	320.63	178.39	2	0.899	141.39	
	27	610.3	851.0	520.3	113.55	90.00	28.21	320.18	178.42	2	0.899	141.46	
	28	390.6	602.1	300.6	113.14	90.00	28.21	319.80	178.65	2	0.899	141.68	
	29	282.6	405.8	192.6	112.66	90.00	28.21	319.57	178.70	2	0.899	141.65	
	30	222.4	327.4	152.4	112.63	90.00	28.21	319.43	178.83	2	0.899	141.73	
	31	205.8	448.0	215.8	113.28	90.00	28.21	319.63	178.13	2	0.899	141.29	141.63
Nov.	1	1312.7	1663.0	1022.7	114.63	90.00	28.21	320.90	178.05	2	0.899	141.23	
	2	1278.1	1983.8	1188.1	115.07	90.00	28.21	321.09	177.82	2	0.900	141.07	
	3	1331.5	1826.7	1241.5	114.45	90.00	28.21	321.17	178.51	2	0.900	141.52	
	4	1193.9	1537.3	1060.0	114.06	90.00	28.21	320.94	178.67	2	0.899	141.63	
	5	1131.3	1155.1	964.3	113.85	90.00	28.21	320.83	178.79	2	0.899	141.66	
	6	988.9	1363.7	888.9	114.13	90.00	28.21	320.74	178.40	2	0.899	141.45	
	7	874.5	812.4	594.5	113.49	90.00	28.21	320.38	178.58	2	0.899	141.57	
	8	608.6	935.6	318.6	113.11	90.00	28.21	319.83	178.52	2	0.899	141.53	
	9	282.1	416.3	190.1	112.79	90.00	28.21	319.57	178.66	2	0.899	141.61	
	10	225.9	334.3	133.9	112.62	90.00	28.21	319.44	178.81	2	0.899	141.71	
	11	194.7	308.0	104.7	112.38	90.00	28.21	319.36	178.87	2	0.899	141.75	
	12	189.5	263.8	79.5	112.12	90.00	28.21	319.28	178.96	2	0.898	141.81	
	13	165.5	254.1	75.5	112.07	90.00	28.21	319.27	178.99	2	0.898	141.83	
	14	150.0	226.1	60.0	111.94	90.00	28.21	319.23	179.07	2	0.898	141.88	
	15	151.9	228.1	61.9	111.94	90.00	28.21	319.23	179.06	2	0.898	141.88	
	16	128.0	197.5	38.0	111.78	90.00	28.21	319.15	179.16	2	0.898	141.94	
	17	108.1	167.8	18.1	111.61	90.00	28.21	319.06	179.25	2	0.898	141.99	
	18	94.7	153.4	7.2	111.52	86.50	27.50	319.00	179.34	2	0.898	141.57	
	19	89.1	139.1	7.2	111.43	81.90	23.96	319.00	184.31	2	0.907	134.19	
	20	87.2	134.9	7.2	111.39	80.00	22.28	319.00	185.12	2	0.909	131.90	
	21	93.8	145.5	7.2	111.71	86.60	26.12	319.00	181.17	2	0.905	138.78	
	22	109.3	197.5	15.3	111.78	90.00	28.21	319.04	179.05	2	0.898	141.87	
	23	164.8	300.0	104.9	113.28	90.00	28.21	319.37	178.87	2	0.899	141.75	
	24	154.7	240.5	64.7	112.10	90.00	28.21	319.25	178.93	2	0.898	141.79	
	25	109.0	194.4	19.0	111.76	90.00	28.21	319.07	179.10	2	0.898	141.90	
	26	97.7	176.7	7.7	111.66	90.00	28.21	319.00	179.14	2	0.898	141.92	
	27	114.7	215.8	24.7	111.86	90.00	28.21	319.10	179.02	2	0.898	141.84	
	28	142.8	254.1	54.8	113.07	90.00	28.21	319.23	178.84	2	0.898	141.79	
	29	177.7	276.7	87.7	112.18	90.00	28.21	319.31	178.92	2	0.898	141.78	
	30	134.7	213.7	44.7	111.86	90.00	28.21	319.17	179.10	2	0.898	141.90	
													141.83
Dec.	1	177.7	308.4	87.7	112.30	90.00	28.21	319.51	178.80	2	0.899	141.71	
	2	465.6	577.3	315.6	113.09	90.00	28.21	319.83	178.53	2	0.899	141.53	
	3	466.8	833.9	376.8	113.53	90.00	28.21	319.84	178.20	2	0.899	141.33	
	4	389.9	573.1	269.9	113.08	90.00	28.21	319.74	178.65	2	0.899	141.60	
	5	231.8	385.7	141.8	112.65	90.00	28.21	319.46	178.84	2	0.899	141.61	
	6	177.7	280.0	87.7	112.19	90.00	28.21	319.31	178.91	2	0.898	141.78	
	7	142.3	234.6	52.3	111.97	90.00	28.21	319.20	179.02	2	0.898	141.84	
	8	123.3	200.3	33.3	111.79	90.00	28.21	319.13	179.15	2	0.898	141.91	
	9	111.8	182.6	21.8	111.69	90.00	28.21	319.08	179.18	2	0.898	141.95	
	10	102.3	167.8	12.3	111.61	90.00	28.21	319.05	179.23	2	0.898	141.97	
	11	115.7	167.8	25.7	111.61	90.00	28.21	319.10	179.20	2	0.898	142.00	
	12	130.8	198.3	39.9	111.73	90.00	28.21	319.15	179.22	2	0.898	141.97	
	13	113.8	174.7	23.8	111.66	90.00	28.21	319.08	179.23	2	0.898	141.97	
	14	97.7	147.7	7.7	111.48	90.00	28.21	318.99	179.31	2	0.898	142.00	
	15	83.4	133.9	7.2	111.40	76.30	20.22	319.00	187.96	2	0.911	137.45	
	16	73.8	125.2	7.2	111.34	66.60	14.39	319.00	191.27	2	0.911	117.15	
	17	92.9	185.3	7.2	111.71	85.70	25.58	319.00	181.71	2	0.904	137.80	
	18	98.6	182.6	8.6	111.69	90.00	28.21	318.81	179.11	2	0.898	141.90	
	19	76.7	144.9	7.2	111.47	69.50	16.82	319.00	190.71	2	0.911	118.56	
	20	66.4	119.7	7.2	111.31	59.30	13.21	319.00	193.49	2	0.903	103.24	
	21	96.7	144.9	7.2	111.38	88.50	27.90	319.00	179.31	2	0.898	141.53	
	22	176.6	257.3	84.6	112.09	90.00	28.21	319.31	179.01	2	0.898	141.84	
	23	249.4	313.7	179.4	112.54	90.00	28.21	319.53	179.00	2	0.898	141.83	
	24	195.7	296.6	105.7	112.27	90.00	28.21	319.36	178.86	2	0.898	141.76	
	25	154.8	209.7	64.8	111.84	90.00	28.21	319.24	179.19	2	0.898	141.95	
	26	117.6	162.6	27.6	111.49	90.00	28.21	319.11	179.20	2	0.898	141.96	
	27	107.2	156.3	17.2	111.34	90.00	28.21	319.06	179.31	2	0.898	142.00	
	28	102.3	150.6	12.3	111.30	90.00	28.21	319.05	179.32	2	0.898	142.00	
	29	98.5	142.0	9.5	111.43	90.00	28.21	319.02	179.34	2	0.898	142.00	
	30	167.6	221.9	77.6	111.91	90.00	28.21	319.28	179.16	2	0.898	141.94	
	31	189.3	232.7	79.3	111.96	90.00	28.21	319.29	179.22	2	0.898	141.97	138.41