

Appendix 6.2-2 Electricity of the projects along the Da River

Case	Project Name	P	Electricity Unit	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL	Remarks			
1	Hoa Binh	10%	Energy GWh	432.81	299.46	331.59	1,189.04	696.54	849.59	987.35	1,281.59	1,299.48	1,053.00	778.36	434.42	9,633.23				
		50%	Capacity MW	581.73	445.63	445.68	1,651.45	936.21	1,179.98	1,327.09	1,327.09	1,327.09	1,722.57	1,804.83	1,415.32	1,081.85	583.90	9,037.36		
		90%	Energy GWh	332.37	296.76	319.96	802.45	539.38	739.31	963.54	930.31	963.54	1,281.59	1,299.48	1,247.12	663.59	1,163.82	7,692.45		
		50%	Capacity MW	446.74	441.60	430.06	1,114.51	724.97	1,292.10	1,295.08	1,295.08	1,295.08	1,722.57	1,804.83	1,415.32	1,081.85	583.90	9,037.36		
		90%	Energy GWh	326.85	289.29	310.25	637.95	233.70	724.97	963.54	930.31	963.54	1,281.59	1,299.48	1,247.12	663.59	1,163.82	7,692.45		
		50%	Capacity MW	439.31	430.49	417.07	886.04	314.11	1,194.94	1,292.10	1,295.08	1,295.08	1,722.57	1,804.83	1,415.32	1,081.85	583.90	9,037.36		
	2	Son La (L)	10%	Energy GWh	1,148.70	1,043.94	1,073.97	998.05	997.09	1,027.06	2,471.83	2,509.28	2,332.81	2,668.98	1,799.29	1,591.47	18,067.99			
			50%	Capacity MW	1,543.95	1,499.91	1,443.51	1,386.17	1,340.17	1,426.48	3,322.36	3,322.36	3,322.36	3,322.36	3,322.36	3,322.36	3,322.36	3,322.36	3,322.36	3,322.36
			90%	Energy GWh	1,154.55	1,009.46	1,072.06	990.08	975.34	1,284.27	1,971.64	1,466.90	2,509.28	2,064.43	2,668.98	1,799.29	1,591.47	15,443.31		
			50%	Capacity MW	1,551.82	1,502.18	1,440.94	1,375.11	1,310.95	1,284.27	1,971.64	1,466.90	2,509.28	2,064.43	2,668.98	1,799.29	1,591.47	15,443.31		
			90%	Energy GWh	1,102.48	951.62	998.54	904.38	851.93	774.77	865.15	1,001.68	1,041.30	1,092.59	1,076.08	1,110.42	1,110.42	11,770.94		
			50%	Capacity MW	1,481.83	1,416.10	1,342.13	1,236.08	1,145.07	1,076.07	1,162.84	1,346.35	1,446.25	1,468.53	1,494.56	1,492.50	1,492.50	12,121.83		
3		Hoa Binh	10%	Energy GWh	828.47	771.93	818.99	1,007.23	790.21	729.54	1,013.25	1,696.29	1,845.95	1,907.05	1,907.05	1,326.52	1,119.66	10,026.07		
			50%	Capacity MW	1,113.54	1,109.10	1,100.79	1,398.93	1,008.35	1,013.25	1,013.25	1,013.25	1,696.29	1,845.95	1,907.05	1,907.05	1,326.52	1,119.66	10,026.07	
			90%	Energy GWh	828.05	742.27	813.44	943.42	734.26	776.00	1,127.82	1,373.39	1,373.39	1,373.39	1,373.39	1,373.39	1,373.39	1,373.39	1,373.39	1,373.39
			50%	Capacity MW	1,112.97	1,045.57	1,093.33	1,310.30	1,013.79	1,077.77	1,515.89	1,845.95	1,765.44	1,484.94	1,203.31	1,160.99	864.55	834.61	10,026.07	
			90%	Energy GWh	830.66	744.61	816.92	959.83	757.47	726.86	916.33	773.56	876.67	924.00	924.00	924.00	864.55	834.61	10,026.07	
			50%	Capacity MW	1,116.48	1,108.04	1,098.01	1,333.09	1,018.11	1,009.53	1,231.63	1,039.73	1,217.59	1,217.59	1,217.59	1,217.59	1,217.59	1,217.59	1,217.59	1,217.59
	4	Son La (S)	10%	Energy GWh	563.40	494.40	527.64	490.99	529.70	1,324.37	1,630.52	1,676.11	1,622.05	1,622.05	983.35	767.42	563.86	11,193.81		
			50%	Capacity MW	757.26	735.72	709.19	681.93	711.96	1,839.40	2,218.45	2,252.84	2,252.84	2,252.84	2,252.84	2,252.84	2,252.84	2,252.84	2,252.84	2,252.84
			90%	Energy GWh	551.01	479.33	502.71	454.76	443.64	432.92	794.82	949.35	1,191.94	1,489.18	1,318.08	1,485.17	758.83	8,923.39		
			50%	Capacity MW	740.61	717.29	675.68	631.60	616.68	555.31	534.66	676.71	2,191.94	1,489.18	1,318.08	1,485.17	758.83	8,923.39		
			90%	Energy GWh	554.05	473.47	497.74	444.01	413.15	384.95	503.47	1,630.80	1,072.21	980.65	1,069.32	1,069.32	564.57	564.57	8,923.39	
			50%	Capacity MW	744.70	710.53	669.01	616.68	555.31	534.66	676.71	2,191.94	1,489.18	1,318.08	1,485.17	758.83	8,923.39			
5		Huoi Quan	10%	Energy GWh	590.73	519.28	552.17	499.58	490.07	1,263.32	1,590.88	1,676.11	1,622.05	1,622.05	924.63	589.78	10,904.86			
			50%	Capacity MW	793.99	772.74	742.17	693.87	658.70	1,760.17	2,138.28	2,252.84	2,252.84	2,252.84	2,252.84	2,252.84	2,252.84	2,252.84	2,252.84	2,252.84
			90%	Energy GWh	583.79	511.07	540.44	493.27	476.06	486.36	1,609.30	1,676.11	1,676.11	1,676.11	1,676.11	1,676.11	1,676.11	1,676.11	1,676.11	1,676.11
			50%	Capacity MW	784.66	760.51	726.39	685.10	639.87	675.78	2,163.04	2,252.84	2,252.84	2,252.84	2,252.84	2,252.84	2,252.84	2,252.84	2,252.84	2,252.84
			90%	Energy GWh	580.29	508.29	545.30	499.58	490.07	1,263.32	1,590.88	1,676.11	1,622.05	1,622.05	1,622.05	924.63	589.78	10,904.86		
			50%	Capacity MW	779.96	744.45	702.80	649.97	584.18	543.17	646.62	1,953.91	1,411.23	1,327.44	1,575.83	799.86	799.86	10,261.61		
	6	Son La (S)	10%	Energy GWh	609.32	546.93	847.06	1,098.39	465.90	918.72	949.35	1,241.17	1,299.24	1,015.32	657.72	612.49	10,533.47			
			50%	Capacity MW	818.98	813.88	1,138.52	1,525.55	626.21	1,276.01	1,276.01	1,276.01	1,688.24	1,804.50	1,364.68	913.50	823.24	9,932.06		
			90%	Energy GWh	608.79	545.30	596.94	1,151.27	451.05	733.95	949.35	1,241.17	1,299.24	1,015.32	657.72	612.49	9,932.06			
			50%	Capacity MW	818.27	811.46	802.34	1,598.98	606.25	741.60	1,276.01	1,276.01	1,688.24	1,804.50	1,364.68	913.50	823.24	9,932.06		
			90%	Energy GWh	574.28	514.47	563.99	919.53	456.09	434.61	583.87	701.08	1,299.24	1,073.67	1,183.84	619.23	619.23	8,923.90		
			50%	Capacity MW	771.88	765.58	758.06	1,277.13	613.03	603.63	784.77	942.31	1,804.50	1,443.11	1,644.22	832.30	832.30	10,904.86		

Appendix 6.2-2 Electricity of the projects along the Sesan River

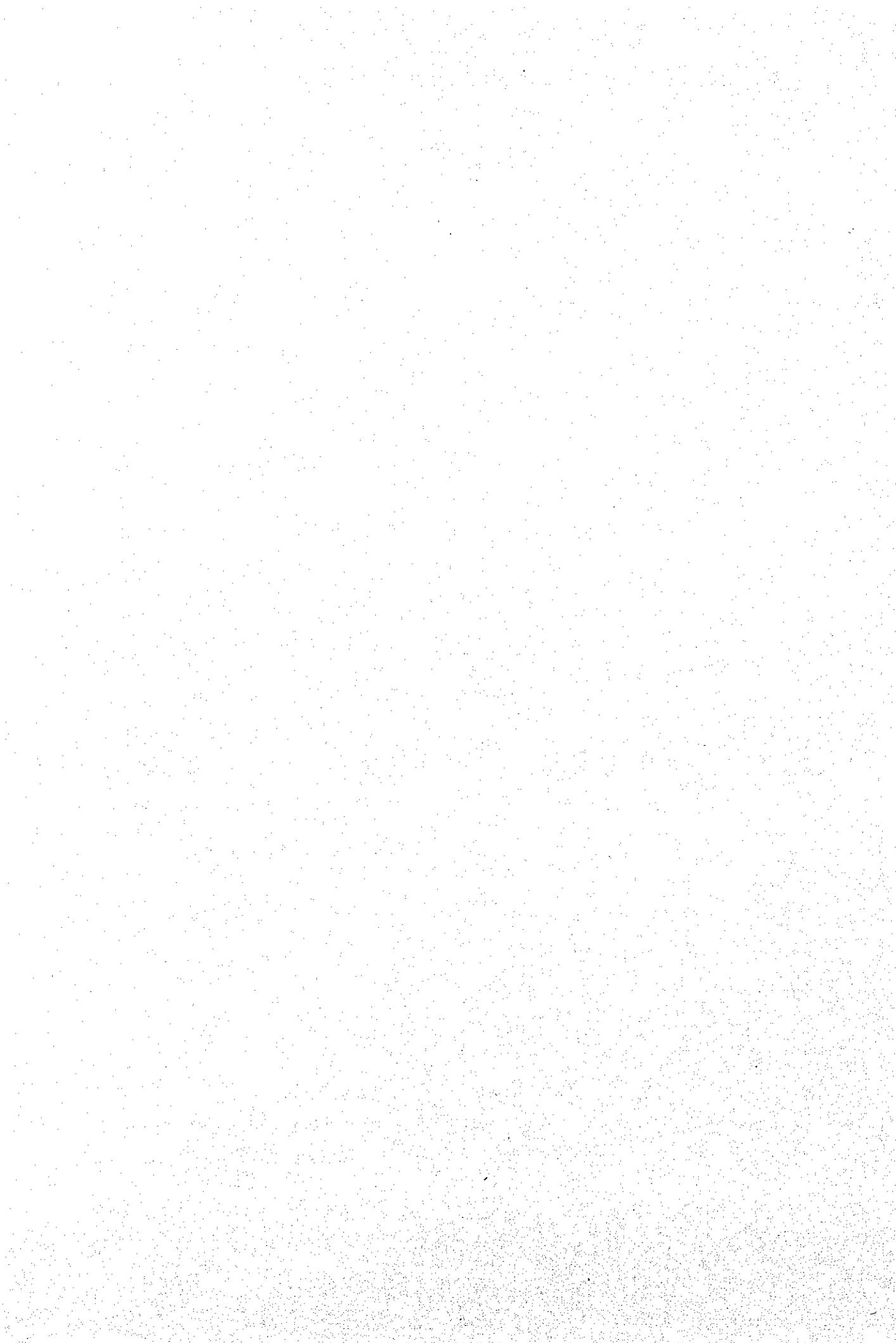
Case	Project Name	P	Electricity Unit	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL	Remarks				
1	Yaly	10%	Energy GWh	277.39	180.27	236.80	276.63	363.69	440.16	489.47	504.69	488.41	488.41	504.69	476.69	257.67	4,496.56				
		50%	Capacity MW	372.84	268.26	318.28	384.21	488.83	611.34	657.89	678.35	678.35	678.35	678.35	678.35	662.07	346.33	3,818.09			
		90%	Energy GWh	218.93	145.36	159.62	151.89	171.89	376.41	462.52	484.78	488.41	488.41	488.41	488.41	476.69	372.68	2,887.79			
		50%	Capacity MW	294.26	216.31	214.54	210.96	231.03	322.80	322.80	322.80	322.80	322.80	322.80	322.80	322.80	322.80	322.80	3,228.00		
		90%	Energy GWh	161.07	149.59	157.31	148.21	149.11	143.18	240.00	452.39	482.82	406.25	406.25	406.25	406.25	406.25	406.25	4,062.50		
		50%	Capacity MW	216.49	214.92	211.44	205.85	200.42	198.86	322.58	608.06	670.58	546.03	320.67	224.44	39.62	745.19	2,887.79			
	2	Plei Krong	10%	Energy GWh	49.04	44.20	51.99	54.07	58.87	63.04	76.80	79.35	76.79	79.35	79.35	72.07	39.62	745.19			
			50%	Capacity MW	65.91	65.78	69.88	75.09	79.12	87.55	103.22	106.65	106.65	106.65	106.65	106.65	100.10	53.25	472.86		
			90%	Energy GWh	40.58	35.38	37.38	34.14	33.89	32.74	35.25	39.45	43.00	43.00	43.00	43.00	46.34	47.50	472.86		
			50%	Capacity MW	54.55	52.64	50.24	47.41	45.56	45.48	47.38	53.02	59.73	59.73	59.73	59.73	64.35	63.85	638.44		
			90%	Energy GWh	29.43	15.46	10.62	46.61	46.06	42.34	41.48	42.34	41.48	42.34	41.48	42.34	41.48	42.34	41.48	448.74	
			50%	Capacity MW	39.56	22.21	14.28	64.73	61.91	58.80	55.75	56.82	61.36	61.36	61.36	61.36	65.86	46.85	476.49		
3		Yaly	10%	Energy GWh	302.57	215.52	301.03	355.48	454.63	441.70	478.03	504.69	488.41	488.41	488.41	504.69	466.43	251.80	4,764.98		
			50%	Capacity MW	406.69	320.72	404.62	493.72	611.06	613.47	642.52	678.35	678.35	678.35	678.35	678.35	647.82	338.44	4,764.98		
			90%	Energy GWh	251.61	203.93	225.86	218.58	315.21	351.29	472.87	504.56	484.72	484.72	484.72	484.72	412.71	304.94	4,010.61		
			50%	Capacity MW	338.18	303.47	303.58	303.58	423.67	487.90	493.40	493.40	493.40	493.40	493.40	493.40	493.40	493.40	493.40	4,934.00	
			90%	Energy GWh	188.14	136.68	215.30	202.80	205.08	193.40	193.40	193.40	193.40	193.40	193.40	193.40	193.40	193.40	193.40	1,934.00	
			50%	Capacity MW	232.88	196.37	289.38	281.66	275.64	268.61	263.08	277.15	277.15	277.15	277.15	277.15	277.15	277.15	277.15	2,771.50	
	4	Thuong Korum	10%	Energy GWh	77.03	69.44	81.97	79.04													

Appendix 6.2-2 Electricity of the projects along the Dong Nai River 1

Case	Project Name	P	Electricity	Unit	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL	Remarks					
1	Da Nhim	10%	Energy	GWh	74.92	67.45	74.33	71.52	109.83	105.03	119.04	119.04	119.04	115.20	119.04	115.20	91.86	1,182.46					
			Capacity	MW	100.70	100.37	99.91	99.34	147.62	145.87	160.00	160.00	160.00	160.00	160.00	160.00	160.00	123.47	-				
		50%	Energy	GWh	74.92	67.45	74.36	77.86	119.04	115.20	119.04	119.04	119.04	119.04	115.20	119.04	115.20	75.02	1,170.47				
			Capacity	MW	100.70	100.37	99.94	108.14	131.51	160.00	160.00	160.00	160.00	160.00	160.00	160.00	160.00	160.00	100.83	-			
		90%	Energy	GWh	63.94	67.41	74.25	71.40	73.28	70.57	119.04	119.04	119.04	119.04	115.20	119.04	115.20	74.98	1,083.35				
			Capacity	MW	85.94	100.31	99.79	99.17	98.49	98.02	160.00	160.00	160.00	160.00	160.00	160.00	160.00	100.78	-				
	2	Tri Anh	10%	Energy	GWh	106.62	93.17	90.53	72.94	71.07	85.90	210.96	210.96	271.91	284.10	293.57	275.96	161.91	-	2,018.64			
				Capacity	MW	143.31	138.64	121.68	101.30	95.53	119.31	283.56	365.47	394.59	394.59	383.28	217.62	217.62	-	-			
			50%	Energy	GWh	103.87	75.83	81.41	76.04	73.41	132.52	165.24	274.27	284.10	293.57	209.02	140.99	209.02	140.99	-	1,930.27		
				Capacity	MW	139.62	112.85	109.42	105.61	98.67	211.83	222.10	368.64	394.59	394.59	290.30	189.51	189.51	-	-	-		
			90%	Energy	GWh	190.36	76.46	81.60	76.00	73.36	67.22	134.11	275.17	284.10	293.57	188.73	108.83	108.83	-	-	1,849.51		
				Capacity	MW	255.87	113.79	109.68	105.55	98.60	93.36	180.26	369.86	394.59	394.59	262.12	146.27	146.27	-	-	-		
3		Ham Thuan	10%	Energy	GWh	64.37	57.37	62.51	59.45	61.74	60.30	84.55	126.45	135.53	138.85	70.43	61.08	61.08	-	1,002.63			
				Capacity	MW	86.52	85.37	84.02	82.57	82.98	83.75	113.64	169.96	186.62	186.62	97.82	82.10	82.10	-	-	-		
			50%	Energy	GWh	64.21	59.24	62.30	59.15	59.96	57.76	60.35	61.35	98.78	146.10	118.22	64.94	64.94	-	-	912.36		
				Capacity	MW	86.30	85.11	83.73	82.15	80.59	80.22	81.12	82.46	137.19	196.37	164.20	87.29	87.29	-	-	849.04		
			90%	Energy	GWh	64.32	57.31	62.41	59.25	59.89	56.88	58.79	60.70	65.87	128.56	110.14	64.92	64.92	-	-	-		
				Capacity	MW	86.46	85.28	83.89	82.29	80.50	79.00	79.02	81.58	91.49	172.79	152.97	87.26	87.26	-	-	591.45		
	4	Da Mi	10%	Energy	GWh	36.48	32.89	36.34	35.10	38.22	35.24	53.31	75.29	93.52	79.19	40.74	40.74	35.13	-	-	2,007.26		
				Capacity	MW	49.03	48.94	48.84	48.75	48.95	71.66	101.20	129.89	106.44	56.58	47.22	47.22	-	-	-	-		
			50%	Energy	GWh	36.47	34.06	36.33	35.08	36.24	38.24	38.30	62.54	86.41	69.54	36.37	36.37	-	-	-	544.61		
				Capacity	MW	49.02	48.93	48.83	48.72	48.64	48.72	51.39	51.48	86.86	116.15	96.58	48.89	48.89	-	-	-	-	
			90%	Energy	GWh	36.40	32.81	36.25	34.99	36.08	34.87	37.92	38.11	40.73	79.07	62.50	36.50	36.50	-	-	506.23		
				Capacity	MW	48.92	48.83	48.72	48.60	48.49	48.43	50.97	51.22	56.57	106.28	86.80	49.06	49.06	-	-	-	-	
5		Tri Anh	10%	Energy	GWh	103.19	102.43	120.84	85.24	226.51	82.71	228.49	252.04	278.74	293.57	125.61	107.89	107.89	-	-	-		
				Capacity	MW	138.69	152.43	162.42	118.40	304.45	114.87	307.11	338.76	387.15	394.59	174.46	145.02	145.02	-	-	-	-	
			50%	Energy	GWh	104.08	94.72	97.68	90.95	87.84	143.26	156.27	230.39	266.09	293.57	284.10	132.91	132.91	-	-	2,001.86		
				Capacity	MW	139.89	136.09	131.29	126.31	118.06	198.98	210.04	336.54	369.57	394.59	394.59	178.64	178.64	-	-	-	-	
			90%	Energy	GWh	106.23	93.53	100.05	93.09	91.44	83.26	158.49	259.31	260.96	293.01	266.63	130.26	130.26	-	-	1,936.26		
				Capacity	MW	142.78	139.19	134.47	129.29	122.91	115.64	213.02	348.54	362.44	393.83	370.31	175.08	175.08	-	-	-	-	
	6	Dai Ninh	10%	Energy	GWh	100.82	97.98	107.54	99.97	182.37	191.15	217.04	220.18	215.27	222.44	168.32	69.99	69.99	-	-	-		
				Capacity	MW	135.52	145.65	144.54	138.85	245.13	265.48	291.73	295.93	298.98	298.98	233.77	94.07	94.07	-	-	-	-	
			50%	Energy	GWh	80.69	91.00	100.16	96.28	98.67	135.54	154.18	188.25	222.31	215.27	222.44	188.16	88.90	88.90	-	-	1,757.04	
				Capacity	MW	108.45	135.42	134.62	133.72	132.62	188.25	292.50	298.80	298.98	298.98	261.34	119.49	119.49	-	-	-	-	
			90%	Energy	GWh	100.83	90.60	99.64	95.68	101.66	158.12	178.23	216.91	212.73	222.44	180.79	109.35	109.35	-	-	1,766.98		
				Capacity	MW	135.52	134.82	133.93	132.89	136.64	219.62	239.55	291.55	293.45	298.98	252.10	146.98	146.98	-	-	-	-	
7		Tri Anh	10%	Energy	GWh	85.94	93.25	115.59	71.02	218.69	67.37	233.61	254.50	279.17	293.57	173.81	88.54	88.54	-	-	-		
				Capacity	MW	115.51	138.77	155.36	98.65	293.94	93.57	314.00	342.08	387.74	394.59	241.41	119.00	119.00	-	-	-	-	
			50%	Energy	GWh	102.86	75.88	81.93	76.18	73.62	111.01	248.18	271.23	284.10	293.57	189.07	141.15	141.15	-	-	1,948.18		
				Capacity	MW	138.26	112.92	109.31	105.81	98.95	154.18	333.57	364.56	394.59	394.59	262.60	189.72	189.72	-	-	-	-	
			90%	Energy	GWh	96.10	84.17	108.92	80.79	75.98	128.26	77.48	234.56	281.44	293.57	188.78	151.49	151.49	-	-	1,801.54		
				Capacity	MW	129.17	125.25	146.40	112.20	102.13	178.14	104.14	315.27	390.89	394.59	262.19	203.61	203.61	-	-	-	-	
	8	Dong Nai 4	10%	Energy	GWh	36.85	32.31	34.17	31.50	110.24	130.03	124.06	141.22	136.66	141.22	102.53	44.80	44.80	-	-	1,065.59		
				Capacity	MW	49.53	48.08	45.93	43.75	148.18	180.59	166.75	189.81	189.81	189.81	142.40	60.21	60.21	-	-	-	-	
			50%	Energy	GWh	37.25	33.01	35.14	32.54	31.91	83.94	123.20	141.22	136.66	141.22	111.35	58.65	58.65	-	-	966.09		
				Capacity	MW	50.07	49.12	47.23	45.19	42.89	116.59	165.59	189.81	189.81	189.81	154.65	78.84	78.84	-	-	-	-	
			90%	Energy	GWh	36.80	31.99	33.41	29.84	28.47	27.47	91.81	130.92	136.66	141.22	106.82	44.02	44.02	-	-	839.43		
				Capacity	MW	49.46	47.60	44.91	41.45	38.26	38.15	123.41	175.97	189.81	189.81	148.36	59.16	59.16	-	-	-	-	

Appendix 6.2-2 Electricity of the projects along the Dong Nai River 2

Case	Project Name	P	Electricity	Unit	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL	Remarks					
1	Dong Nai 8	10%	Energy	GWh	42.80	37.60	40.20	37.39	52.39	106.06	137.58	142.64	147.70	153.37	85.93	37.45	37.45	-	1,021.11				
			Capacity	MW	57.52	55.95	54.03	51.93	70.42	147.30	184.92	191.72	205.14	206.14	119.35	50.33	50.33	-	-	-			
		50%	Energy	GWh	42.99	37.95	40.65	37.89	37.48	59.19	120.81	134.97	148.42	153.37	94.91	44.92	44.92	-	-	953.55			
			Capacity	MW	57.78	56.47	54.64	52.63	50.37	82.22	162.38	181.41	206.14	206.14	131.81	60.38	60.38	-	-	-	-		
		90%	Energy	GWh	24.39	38.63	41.38	38.48	37.92	35.54	62.91	136.20	141.59	153.30	127.24	44.95	44.95	-	-	882.53			
			Capacity	MW	32.79	57.49	55.62	53.44	50.96	49.37	84.56	183.07	196.65	206.05	176.73	60.42	60.42	-	-	-	-		
	2	Tri Anh	10%	Energy	GWh	121.01	120.67	137.76	108.70	159.81	111.15	167.68	266.09	283.53	286.21	122.73	126.62	126.62	-	-	2,011.96		
				Capacity	MW	162.65	179.57	185.16	150.97	214.80	154.38	225.38	357.65	393.79	384.69	170.46	170.19	170.19	-	-	-	-	
			50%	Energy	GWh	137.99	109.50	114.01	106.96	103.45	97.33	132.93	246.08	284.10									



Result of Capacity Duration
(The Da river system case-1 Hoa Binh - project)

NO.	DATE	P	NO.	DATE	P	NO.	DATE	P												
1	6209	1804.8	61	7208	1690.0	131	6406	1307.2	191	7212	1080.6	241	8706	637.0	301	8203	444.8	361	8905	378.3
2	6309	1804.8	62	8308	1680.3	122	6508	1304.9	182	6411	1078.6	242	9132	605.5	302	8101	444.7	362	7705	324.2
3	6410	1804.8	63	6311	1667.3	123	8606	1301.1	183	8206	1053.4	243	7312	583.9	303	7912	444.3	363	7205	323.7
4	7209	1804.8	64	8111	1667.0	124	8506	1300.0	184	8704	1047.5	244	7712	583.2	304	6402	444.2	364	7405	320.9
5	7509	1804.8	65	8708	1658.2	125	7007	1293.1	185	8104	1036.3	245	8712	582.8	305	7812	444.2	365	6705	320.9
6	7809	1804.8	66	7808	1654.4	126	7006	1292.1	186	9008	1013.3	246	9012	582.5	306	6702	444.2	366	6905	320.3
7	8109	1804.8	67	7304	1651.4	127	6404	1248.3	187	7511	1002.1	247	8301	582.4	307	8303	443.9	367	8205	317.7
8	8409	1804.8	68	8308	1629.1	128	6504	1282.2	188	9109	1002.1	248	8612	582.4	308	6402	443.9	368	8305	316.4
9	8709	1804.8	69	8608	1629.1	129	7404	1287.3	189	6910	1000.1	249	8011	582.3	309	6402	443.9	369	8305	315.3
10	9009	1804.8	70	6308	1601.5	130	6807	1255.0	190	7711	999.8	250	7301	581.7	310	7802	443.7	370	7905	314.1
11	6609	1804.8	71	8710	1580.6	131	7504	1251.0	191	8711	998.2	251	7112	581.5	311	8801	443.7	371	8005	312.2
12	6709	1804.8	72	9110	1578.6	132	6201	1250.8	192	9111	997.5	252	8401	579.8	312	7201	443.7	372	8705	311.7
13	6809	1804.8	73	6804	1577.8	133	7810	1250.3	193	6711	997.0	253	8806	571.6	313	9102	443.3	373	0	0.0
14	7009	1804.8	74	9004	1571.4	134	6806	1250.3	194	6301	970.6	254	8006	571.6	314	6105	443.3	374	0	0.0
15	7109	1804.8	75	9104	1505.6	135	8510	1249.7	195	8804	961.4	255	8805	571.6	315	7802	442.9	375	0	0.0
16	7309	1804.8	76	7710	1502.6	136	8010	1249.4	196	8105	951.2	256	9105	571.6	316	6902	442.5	376	0	0.0
17	7409	1804.8	77	8511	1494.5	137	7010	1247.1	197	7305	936.2	257	8306	571.2	317	8203	442.4	377	0	0.0
18	7609	1804.8	78	6509	1491.6	138	6907	1238.6	198	8411	915.3	258	6605	522.7	318	6103	442.3	378	0	0.0
19	7809	1804.8	79	8304	1433.0	139	9006	1233.0	199	7805	914.6	259	8201	501.0	319	7603	442.1	379	0	0.0
20	7909	1804.8	80	8204	1430.2	140	7508	1232.9	200	7411	913.1	260	7701	500.0	320	9002	441.8	380	0	0.0
21	8009	1804.8	81	8204	1426.7	141	7207	1225.6	201	9009	912.9	261	7501	500.0	321	7002	441.6	381	0	0.0
22	8109	1804.8	82	6310	1419.7	142	7707	1220.3	202	8611	910.4	262	6401	499.9	322	8702	441.4	382	0	0.0
23	8209	1804.8	83	8810	1417.9	143	8207	1218.2	203	7904	886.0	263	6701	499.8	323	7103	441.0	383	0	0.0
24	8309	1804.8	84	7104	1417.8	144	7806	1205.0	204	8405	878.7	264	7101	498.7	324	8811	440.9	384	0	0.0
25	8509	1804.8	85	6104	1417.5	145	7804	1198.4	205	6706	871.1	265	7412	498.5	325	9103	440.9	385	0	0.0
26	8609	1804.8	86	7310	1415.3	146	6404	1197.5	206	7906	864.7	266	7602	497.4	326	8403	440.6	386	0	0.0
27	8710	1804.8	87	7110	1414.9	147	6704	1192.2	207	8605	858.6	267	8412	497.3	327	9003	439.7	387	0	0.0
28	8810	1804.8	88	7604	1359.3	148	7907	1194.9	208	8112	834.9	268	8612	497.3	328	7901	439.3	388	0	0.0
29	8910	1804.8	89	7704	1344.8	149	6506	1194.4	209	6512	832.2	269	8601	497.1	329	7703	438.9	389	0	0.0
30	9009	1804.8	90	6408	1343.8	150	8106	1190.5	210	6512	832.0	270	6805	482.9	330	8001	438.9	390	0	0.0
31	7210	1804.8	91	8404	1343.7	151	6106	1189.0	211	7111	831.9	271	6405	479.6	331	6603	438.1	391	0	0.0
32	8210	1804.8	92	8604	1342.8	152	7306	1189.0	212	8312	831.2	272	6212	449.3	332	7202	437.9	392	0	0.0
33	8410	1804.8	93	6811	1336.2	153	8406	1176.3	213	8004	807.4	273	7401	449.3	333	8502	436.9	393	0	0.0
34	8409	1770.3	94	7510	1336.2	154	7506	1169.8	214	6306	784.6	274	6101	448.9	334	8102	436.5	394	0	0.0
35	8310	1753.1	95	7910	1334.7	155	6307	1169.8	215	8911	748.5	275	8202	448.2	335	6302	436.2	395	0	0.0
36	7709	1753.1	96	8910	1334.7	156	7806	1169.8	216	6911	747.8	276	8012	447.8	336	6503	436.0	396	0	0.0
37	7410	1751.7	97	7211	1331.0	157	6606	1169.8	217	6201	745.3	277	6912	447.2	337	8802	436.0	397	0	0.0
38	8110	1750.4	98	6710	1329.3	158	6007	1169.8	218	8512	744.6	278	6501	447.0	338	8403	435.7	398	0	0.0
39	8311	1747.1	99	6710	1329.3	159	8007	1169.8	219	7505	730.0	279	6802	447.0	340	7403	435.4	400	0	0.0
40	8610	1747.0	100	9010	1327.7	160	6707	1169.8	220	7505	730.0	280	6802	447.0	340	7403	435.4	401	0	0.0
41	6510	1745.8	101	7107	1327.1	161	8707	1169.8	221	7005	725.0	281	6901	446.8	341	6403	434.4	402	0	0.0
42	6408	1742.6	102	6607	1327.1	162	8807	1169.8	222	7605	722.7	282	7001	446.7	342	6703	434.4	402	0	0.0
43	6108	1742.6	103	7307	1327.1	163	7106	1169.8	223	7105	713.0	283	7702	446.5	343	7503	431.7	403	0	0.0
44	6608	1742.6	104	6207	1327.1	164	9106	1169.8	224	8806	687.9	284	7102	446.5	344	6903	430.9	404	0	0.0
45	6708	1742.6	105	7507	1327.1	165	7611	1169.1	225	6205	679.7	285	8701	446.4	345	7903	430.5	405	0	0.0
46	6808	1742.6	106	7607	1327.1	166	6111	1168.5	226	8905	677.3	286	8912	446.2	346	7003	430.1	406	0	0.0
47	6908	1742.6	107	7807	1327.1	167	8906	1167.0	227	7612	668.1	287	8402	446.2	347	8703	429.7	407	0	0.0
48	7008	1742.6	108	6207	1327.1	168	7012	1163.8	228	6312	666.9	288	9101	446.0	348	8002	427.5	408	0	0.0
49	7108	1742.6	109	6507	1327.1	169	8909	1160.8	229	6312	666.9	289	9101	446.0	349	7203	425.9	409	0	0.0
50	7308	1742.6	110	8107	1327.1	170	8307	1158.1	230	6812	666.5	290	7401	445.9	350	8503	425.2	410	0	0.0
51	7408	1742.6	111	8407	1327.1	171	7004	1144.5	231	8112	666.1	291	7303	445.7	351	6303	423.6	411	0	0.0
52	7608	1742.6	112	8507	1327.1	172	6904	1109.8	232	7512	665.1	292	7302	445.6	352	8103	423.5	412	0	0.0
53	7708	1742.6	113	6407	1327.1	173	7204	1104.4	233	6401	664.5	293	6301	445.6	353	8812	422.6	413	0	0.0
54	7908	1742.6	114	6107	1327.1	174	8504	1103.6	234	7801	664.5	294	7402	445.6	354	7903	417.0	415	0	0.0
55	8208	1742.6	115	8907	1327.1	175	6904	1088.2	235	7911	664.7	295	6505	445.4	355	7903	417.0	415	0	0.0
56	8108	1742.6	116	9007	1327.1	176	9005	1088.6	236	7811	663.7	296	9001	445.3	356	8505	415.2	416	0	0.0
57	8208	1742.6	117	9107	1327.1	177	8211	1086.3	237	7011	663.6	297	6803	445.3	357	8003	411.5	417	0	0.0
58	8108	1742.6	118	7407	1318.6	178	7706	1082.1	238	6412	662.2	298	6302	445.1	358	8902	390.1	419	0	0.0
59	8008	1730.5	119	7406	1315.5	179	6611	1081.5	239	6712	661.2	299	8302	445.1	359	8902	390.1	419	0	0.0
60	8808	1701.5	120	7606	1310.8	180	7311	1081.1	240	8904	643.7	300	8602	444.9	360	8908	379.7	420	0	0.0

Result of Monthly Energy Calculation
(The Da river system case-1 Hoa Binh - project)

* MONTHLY TOTAL ENERGY (GWH) *

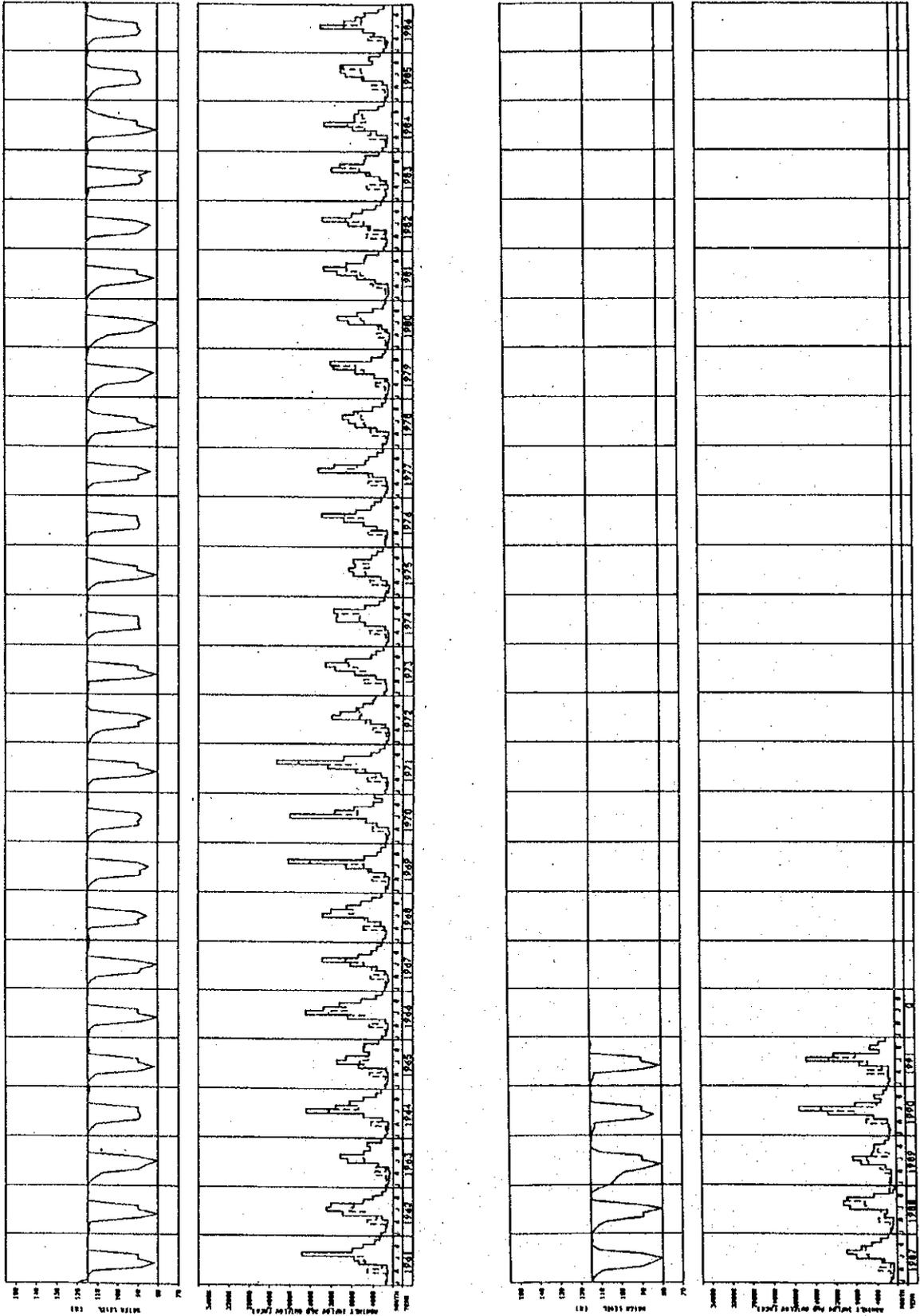
NO.	YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	< TOTAL >
1	1961	334.01	300.76	329.07	1020.63	329.82	856.05	987.35	1281.59	1299.48	1342.79	841.32	619.16	9542.02
2	1962	554.51	299.85	330.94	1029.74	505.71	842.25	987.35	1281.59	1299.48	1342.79	841.32	619.16	8876.63
3	1963	331.54	293.09	315.19	698.84	234.60	585.30	870.32	1191.51	1299.48	1056.24	1200.47	496.19	8530.77
4	1964	371.91	298.93	323.54	862.22	356.85	941.21	987.35	1281.59	1299.48	1342.79	776.56	492.64	9344.87
5	1965	332.59	299.14	324.40	908.77	331.39	857.77	987.35	1281.59	1299.48	1342.79	776.56	492.64	9303.54
6	1966	494.59	298.53	325.93	913.17	388.91	842.25	987.35	1281.59	1299.48	1342.79	776.56	492.64	9386.36
7	1967	371.84	298.47	323.20	840.53	238.75	637.22	870.32	1281.59	1299.48	1342.79	776.56	492.64	8366.94
8	1968	430.78	311.11	331.30	1135.98	359.25	900.21	934.10	1281.59	1299.48	1342.79	776.56	492.64	9784.54
9	1969	332.45	297.36	320.56	799.08	239.59	803.51	921.49	1281.59	1299.48	1342.79	776.56	492.64	8695.91
10	1970	332.57	297.76	319.96	802.45	239.59	783.51	921.49	1281.59	1299.48	1342.79	776.56	492.64	8695.91
11	1971	371.05	300.03	328.11	1020.85	530.44	842.25	987.35	1281.59	1299.48	1342.79	776.56	492.64	7888.96
12	1972	330.08	304.76	316.87	795.17	240.87	847.58	911.86	1281.59	1299.48	1342.79	776.56	492.64	9045.38
13	1973	432.81	299.46	331.59	1189.04	696.54	849.59	987.35	1281.59	1299.48	1342.79	776.56	492.64	9429.12
14	1974	334.25	299.44	323.92	905.24	239.59	947.16	987.35	1281.59	1299.48	1342.79	776.56	492.64	9433.21
15	1975	372.00	298.16	321.19	900.72	543.12	842.25	987.35	1281.59	1299.48	1342.79	776.56	492.64	8943.29
16	1976	331.74	346.53	328.92	978.72	537.66	943.79	987.35	1281.59	1299.48	1342.79	776.56	492.64	8692.05
17	1977	372.48	300.04	326.53	949.51	241.21	779.10	907.92	1281.59	1299.48	1342.79	776.56	492.64	9368.73
18	1978	494.38	297.40	324.28	862.86	680.48	842.25	987.35	1281.59	1299.48	1342.79	776.56	492.64	8758.17
19	1979	326.85	289.29	310.25	637.95	233.70	622.57	889.04	1281.59	1299.48	1342.79	776.56	492.64	7692.44
20	1980	326.52	287.55	306.17	581.34	232.30	411.53	870.32	1281.59	1299.48	1342.79	776.56	492.64	8112.36
21	1981	330.89	293.35	315.11	746.15	707.70	857.17	987.35	1281.59	1299.48	1342.79	776.56	492.64	8758.17
22	1982	372.72	301.22	329.11	1027.21	236.40	758.42	904.37	1281.59	1299.48	1342.79	776.56	492.64	7287.16
23	1983	433.34	299.08	330.24	1031.74	235.40	382.49	845.24	1199.05	1299.48	1342.79	776.56	492.64	9942.50
24	1984	431.38	310.58	327.80	967.50	659.75	846.91	987.35	1281.59	1299.48	1342.79	776.56	492.64	9130.14
25	1985	330.24	293.61	316.37	794.63	308.92	936.01	987.35	1281.59	1299.48	1342.79	776.56	492.64	9171.65
26	1986	369.88	298.97	324.17	966.81	623.93	936.80	987.35	1281.59	1299.48	1342.79	776.56	492.64	8758.17
27	1987	332.09	296.64	319.67	754.09	231.89	458.42	870.32	1281.59	1299.48	1342.79	776.56	492.64	9076.52
28	1988	330.08	303.47	314.41	692.19	403.18	495.32	870.32	1281.59	1299.48	1342.79	776.56	492.64	8744.67
29	1989	297.96	262.17	281.44	462.71	503.94	840.27	987.35	1281.59	1299.48	1342.79	776.56	492.64	8124.53
30	1990	331.31	296.89	327.12	1131.58	808.46	887.74	987.35	1281.59	1299.48	1342.79	776.56	492.64	7658.94
31	1991	331.81	297.90	327.99	1084.05	398.98	842.25	987.35	1281.59	1299.48	1342.79	776.56	492.64	6603.17
	TOTAL	11470.2	9290.7	9975.1	27531.2	12811.4	24314.1	29397.8	36831.9	38297.8	34916.3	23180.3	14630.8	272666.5
	AVE	370.01	299.70	321.78	888.10	413.27	784.33	948.30	1188.13	1235.41	1126.98	747.75	471.96	8795.69
	MAX	554.51	346.53	331.59	1189.04	808.46	947.16	987.35	1281.59	1299.48	1342.79	776.56	492.64	9942.50
	MIN	297.96	262.17	281.44	462.71	231.89	382.49	845.24	887.74	857.26	744.11	317.45	312.25	6603.17

Result of Monthly Capacity
(The Da river system case-1 Hoa Binh - project)

MONTHLY PEAK POWER (MW)

NO. YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	< TOTAL >
1 1961	448.94	447.54	442.30	447.55	443.30	1188.96	1327.09	1722.57	1804.83	1804.83	1168.50	832.20	13048.61
2 1962	745.31	446.20	444.82	1430.23	679.72	1169.79	1327.09	1722.57	1804.83	1804.83	667.10	449.29	12137.75
3 1963	445.62	436.15	423.64	970.61	315.32	754.59	1169.79	1601.49	1804.83	1419.68	1667.32	666.93	11475.96
4 1964	499.88	443.86	434.60	1197.52	479.64	1307.33	1327.09	1722.57	1804.83	1804.83	1078.56	862.16	12762.77
5 1965	447.03	445.15	436.02	1262.17	445.41	1191.35	1327.09	1722.57	1804.83	1804.83	1745.79	832.03	12733.33
6 1966	664.51	444.24	438.08	1268.29	522.42	1169.79	1327.09	1722.57	1804.83	1804.83	992.44	661.24	12830.83
7 1967	499.78	444.16	434.42	1195.18	320.90	871.14	1169.79	1722.57	1804.83	1804.83	1336.17	666.55	13372.66
8 1968	379.00	447.00	445.30	1577.75	482.86	1250.29	1225.52	1722.57	1804.83	1804.83	747.64	447.23	10799.51
9 1969	446.84	444.50	430.86	1109.84	320.30	1088.21	1238.57	1722.57	1804.83	1804.83	1247.12	663.59	12346.97
10 1970	446.74	441.60	430.06	1144.51	724.97	1292.10	1295.08	1722.57	1804.83	1804.83	831.92	581.46	12369.50
11 1971	498.72	446.47	441.00	1417.84	712.96	1169.79	1327.09	1722.57	1804.83	1804.83	1331.03	1080.63	12877.45
12 1972	443.66	437.87	425.90	1104.40	323.75	1204.97	1225.62	1689.97	1804.83	1804.83	1435.32	583.90	13175.43
13 1973	581.73	445.63	445.68	1451.45	936.21	1179.98	1327.09	1722.57	1804.83	1804.83	1081.05	498.49	12334.24
14 1974	449.26	445.60	435.38	1237.27	322.03	1315.50	1318.58	1722.57	1804.83	1804.83	913.14	663.15	11894.44
15 1975	500.00	443.69	431.70	1251.00	730.00	1169.79	1327.09	1722.57	1804.83	1804.83	1169.15	668.09	12806.58
16 1976	445.89	444.48	438.88	1346.55	324.21	1082.09	1220.32	1722.57	1804.83	1804.83	999.83	583.24	11970.83
17 1977	500.95	442.86	435.86	1198.42	914.62	1169.79	1327.09	1722.57	1804.83	1804.83	663.74	444.29	10517.08
18 1978	664.48	442.86	435.86	1198.42	914.62	1169.79	1327.09	1722.57	1804.83	1804.83	663.74	444.29	10517.08
19 1979	439.31	430.49	417.01	880.04	314.11	864.68	1169.79	1720.46	1804.83	1804.83	582.27	447.81	9943.64
20 1980	438.88	427.51	411.52	807.42	312.23	571.57	1169.79	1720.46	1804.83	1804.83	1249.37	582.27	13589.66
21 1981	444.74	436.54	425.54	1036.31	951.21	1190.52	1327.09	1722.57	1804.83	1804.83	1082.34	666.06	12488.21
22 1982	500.97	448.25	442.36	1426.68	317.74	1053.37	1218.24	1722.57	1804.83	1804.83	1753.73	1747.09	12632.51
23 1983	582.44	445.06	440.80	1343.75	878.70	1174.27	1327.09	1722.57	1804.83	1804.83	915.26	497.59	12534.20
24 1984	579.81	446.24	440.80	1343.75	878.70	1174.27	1327.09	1722.57	1804.83	1804.83	1249.69	1494.49	12445.88
25 1985	443.87	436.91	425.23	1103.65	415.22	1300.02	1327.09	1680.29	1804.83	1804.83	910.41	497.35	12775.98
26 1986	497.15	444.90	435.71	1342.79	838.61	1301.11	1327.09	1628.07	1804.83	1804.83	998.15	582.56	11107.54
27 1987	444.34	441.42	429.67	1047.34	311.69	636.97	1169.79	1658.17	1804.83	1804.83	640.90	419.69	10448.05
28 1988	443.66	436.02	422.59	961.38	541.91	687.94	1169.79	1701.49	1804.83	1804.83	748.68	446.24	9032.30
29 1989	400.49	390.14	378.28	642.65	677.33	1167.05	1327.09	379.67	1140.81	1334.09	747.79	582.48	11128.97
30 1990	445.31	441.81	439.67	1571.36	1086.64	1232.97	1327.09	1013.31	912.87	1327.69	996.99	603.45	11774.59
31 1991	445.98	443.31	440.83	1503.63	536.26	1169.79	1327.09	1722.57	1804.83	1804.83	1578.56	1966.12	372791.00
TOTAL	15416.95	13713.47	13407.45	39237.85	17319.61	33769.61	39312.31	49505.25	53191.65	46957.49	32194.92	19665.12	372791.00
AVE	497.32	442.37	432.50	1233.48	555.47	1089.34	1374.59	1596.94	1715.85	1514.76	1038.55	634.36	12025.52
MAX	745.31	497.89	445.68	1651.45	1086.64	1315.50	1327.09	1722.57	1804.83	1804.83	1163.82	832.20	13589.66
MIN	400.48	390.14	378.28	642.65	311.69	531.24	1136.08	379.67	912.87	1000.14	440.90	419.69	9032.30

Result of Reservoir Operation
 (The Da river system case-1 Hoa Binh - project)



Result of Monthly Energy Calculation
(The Da river system case-2 Son La(L) - project)

* MONTHLY TOTAL ENERGY (GMH) *

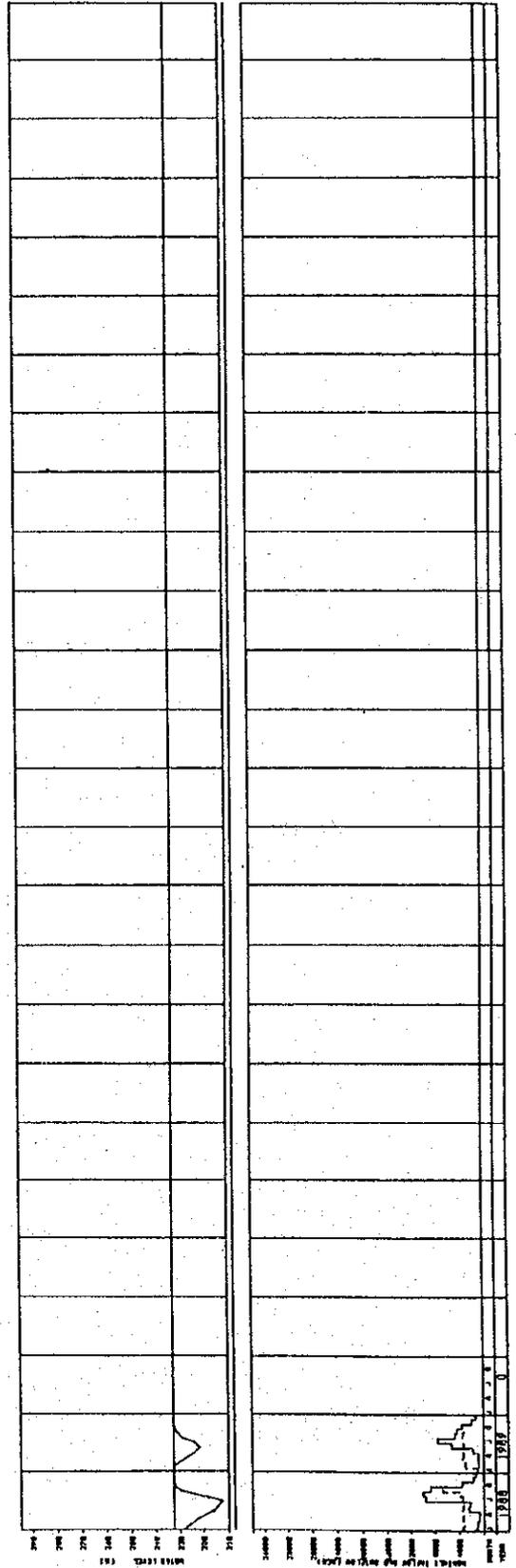
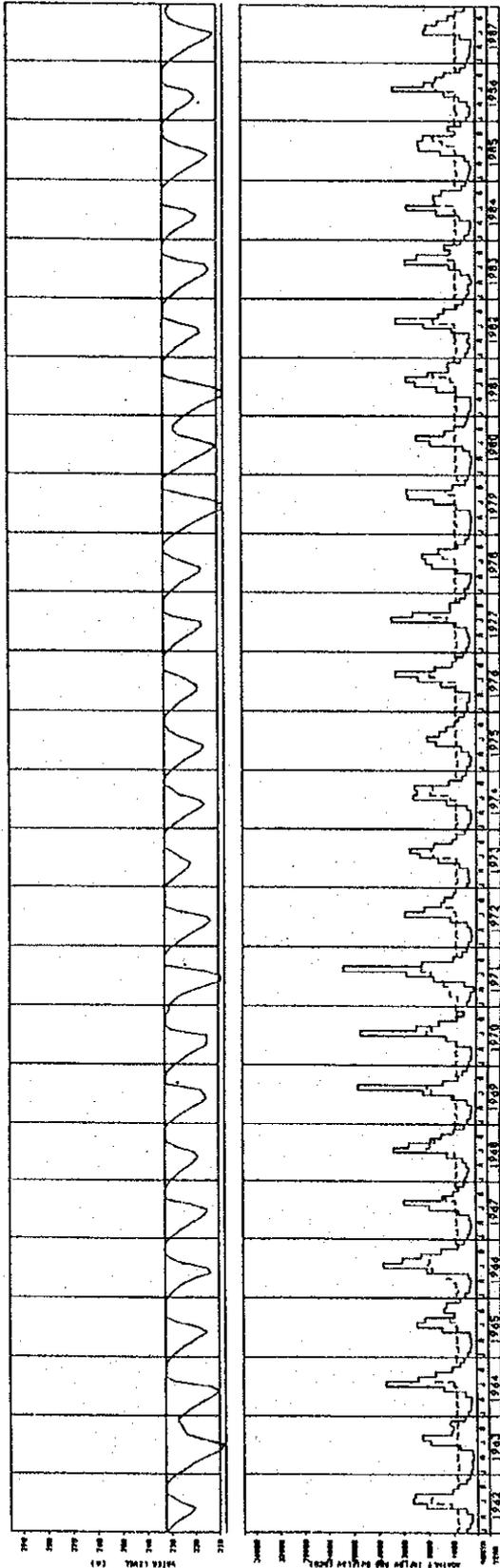
NO. YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	<TOTAL>
1 1962	1185.43	1043.86	1115.64	1032.34	1025.46	1359.18	2489.89	2509.28	1486.11	1195.06	1141.82	1146.76	16730.80
2 1963	1302.48	951.62	998.54	904.38	851.93	774.77	865.15	1001.68	1041.30	1092.59	1076.08	1110.42	11770.93
3 1964	1073.48	965.02	977.87	886.42	850.97	834.45	1150.56	2371.00	263.90	1470.24	1153.78	1175.41	15255.10
4 1965	1145.50	999.85	1060.08	974.42	951.85	924.45	1056.30	1550.53	1295.51	1922.89	1797.76	1190.32	14869.45
5 1966	1170.73	1029.65	1106.45	1284.98	1468.33	1876.52	2281.87	2509.22	2428.34	2050.76	1157.25	1180.26	19544.41
6 1967	1150.05	1004.79	1065.52	979.96	938.98	896.34	972.92	1110.22	1793.99	1338.66	1154.01	1176.17	13601.57
7 1968	1148.70	1043.94	1073.97	998.05	997.09	987.08	2471.83	2509.28	2332.81	1985.72	1295.49	1184.05	18067.98
8 1969	1152.36	1004.73	1062.98	973.17	951.77	1009.37	2407.27	2499.18	1921.44	1193.27	1141.93	1152.63	16080.54
9 1970	1113.43	965.27	1010.08	924.25	922.23	1326.79	2007.61	2499.18	2164.87	1195.66	1144.83	1172.24	16851.87
10 1971	1155.60	1011.58	1363.32	1359.42	1371.34	1581.30	1833.12	2509.28	2428.34	1340.02	1151.88	1164.87	18270.05
11 1972	1127.73	1013.17	1030.78	941.66	920.23	877.81	1019.62	1291.48	2043.96	1857.66	1358.55	1196.91	14679.54
12 1973	1180.64	1035.27	1107.03	1031.32	1039.44	1030.86	2308.18	2476.91	2403.17	1404.01	1157.78	1182.32	17356.91
13 1974	1150.12	1002.92	1042.40	976.63	960.36	928.54	1338.56	2445.82	2410.56	1601.65	1151.39	1164.83	16193.76
14 1975	1130.74	985.14	1041.20	955.53	949.74	946.23	1067.23	1140.59	1141.37	1195.30	1153.76	1174.36	12881.18
15 1976	1142.26	1034.50	1062.78	979.10	981.91	978.50	2042.67	2492.16	2343.11	1358.42	1158.51	1184.08	16739.98
16 1977	1154.55	1009.46	1072.06	990.08	973.34	924.67	1466.90	2509.28	1486.39	1534.69	1151.82	1168.07	13443.51
17 1978	1137.61	995.02	1052.96	962.68	959.10	967.11	1092.73	1875.70	2123.18	1193.97	1156.46	1137.65	14634.16
18 1979	1089.83	938.83	981.53	883.51	826.80	755.59	837.96	992.36	1652.96	1319.34	583.10	1077.03	11938.79
19 1980	1142.93	1024.87	1042.11	948.38	915.23	827.43	900.32	1028.85	1079.38	1334.65	1083.87	1081.94	12209.93
20 1981	1035.15	886.68	917.96	803.72	782.96	805.94	971.53	1373.55	2428.34	1600.05	1630.16	1188.02	14404.04
21 1982	1163.00	1020.32	1085.12	1003.53	985.16	933.09	1030.03	2306.19	2104.27	1857.98	1155.04	1177.71	15821.22
22 1983	1147.32	1001.51	1064.73	978.76	950.14	875.75	906.72	1015.09	1489.27	1770.27	1797.55	1188.49	13685.59
23 1984	1164.59	1056.33	1081.50	994.08	989.04	982.58	1196.96	2359.75	2342.53	1922.71	1151.10	1163.25	16404.39
24 1985	1125.60	976.97	1030.22	940.95	922.76	902.91	1031.01	1815.45	2372.31	1195.62	1547.67	1189.47	15050.92
25 1986	1162.73	1016.32	1077.59	995.38	998.05	980.09	2058.98	2397.44	2284.98	1794.89	1153.45	1169.30	17089.19
26 1987	1134.02	986.52	1042.74	932.40	918.78	874.38	924.96	1043.93	1088.24	1162.60	1134.20	1156.90	12381.66
27 1988	1121.66	1007.97	1026.10	934.82	923.58	862.57	960.33	1329.94	2308.65	1210.10	610.98	463.09	12660.09
28 1989	357.12	1040.99	1136.75	1053.07	1046.19	1016.33	1113.72	1166.09	1148.56	1197.30	698.25	444.79	11419.17
TOTAL	31067.3	28053.1	29756.0	27642.7	27394.7	28040.9	39806.9	52039.5	53487.8	40776.1	33008.2	31161.3	422335.7
AVE	1109.55	1001.89	1062.71	987.24	978.45	1001.46	1421.67	1858.56	1910.28	1456.29	1178.87	1132.90	15079.84
MAX	1185.43	1050.33	1363.32	1359.42	1468.33	1876.52	2489.89	2509.28	2428.34	2050.76	1797.76	1196.91	19344.41
MIN	357.12	884.68	917.96	803.72	782.96	755.59	837.96	992.36	1041.30	1092.59	583.10	444.79	11419.17

Result of Monthly Capacity
(The Da river system case-2 Son La(L) - project)

* MONTHLY PEAK POWER (MW) *

NO. YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	<TOTAL>
1 1962	1593.32	1553.36	1499.52	1433.80	1378.30	1887.75	3346.62	3372.69	2064.04	1606.26	1585.86	1541.35	22862.86
2 1963	1481.83	1416.10	1342.13	1256.08	1145.07	1076.07	1162.84	1346.35	1446.25	1476.56	1494.56	1492.50	16128.28
3 1964	1454.54	1386.52	1314.35	1231.15	1143.78	1158.96	1546.45	1386.83	3255.42	1976.12	1602.47	1579.86	20837.43
4 1965	1539.45	1487.87	1424.84	1353.36	1279.37	1233.96	1419.76	2084.05	1799.33	2584.54	2496.89	1599.89	20353.48
5 1966	1573.57	1532.22	1487.17	1784.69	1973.57	2606.28	3067.03	3372.69	3572.70	2736.39	1607.50	1586.37	26719.96
6 1967	1545.76	1432.15	1432.15	1381.05	1288.96	1244.91	1307.68	1492.23	2491.66	1799.28	1602.79	1580.87	18642.54
7 1968	1543.95	1499.91	1443.51	1384.17	1340.17	1426.48	3322.36	3372.69	3240.01	2668.98	1799.29	1591.47	24634.98
8 1969	1548.87	1495.14	1428.74	1351.62	1279.25	1401.90	2698.41	3372.69	2668.67	1603.86	1584.02	1549.24	21984.41
9 1970	1496.54	1436.42	1365.67	1283.68	1239.55	1842.77	2235.58	3359.12	3006.77	1607.07	1589.76	1575.59	23038.51
10 1971	1533.53	1503.33	1432.42	1388.08	1239.55	1842.77	2235.58	3359.12	3006.77	1607.07	1589.76	1575.59	23038.51
11 1972	1515.77	1453.71	1385.46	1307.86	1236.87	1219.18	1370.46	1735.86	2838.83	2496.86	1886.87	1608.75	20958.46
12 1973	1586.88	1540.59	1487.94	1432.38	1397.10	1431.75	3102.39	3359.12	3337.74	1887.74	1608.03	1589.14	23730.21
13 1974	1545.87	1492.45	1427.96	1356.43	1290.81	1299.43	1799.14	3287.39	3548.01	2152.76	1599.15	1565.63	22155.20
14 1975	1519.82	1465.99	1399.46	1327.13	1276.53	1334.21	1434.66	1533.05	1585.23	1606.58	1602.65	1578.44	17643.33
15 1976	1555.59	1486.35	1428.47	1359.85	1322.46	1339.02	1745.53	3349.68	3254.32	1798.96	1609.05	1591.50	22840.46
16 1977	1551.82	1503.18	1440.94	1375.11	1310.95	1284.27	1971.64	3372.70	2064.43	2062.76	1599.75	1569.98	21106.52
17 1978	1529.04	1480.69	1415.28	1337.05	1289.12	1343.20	1468.73	2521.10	2948.87	1604.80	1578.41	1529.10	20945.37
18 1979	1464.82	1397.06	1319.27	1227.10	1111.28	1049.43	1126.29	1333.81	2295.75	1773.30	809.67	1447.62	16355.59
19 1980	1536.19	1472.51	1400.69	1317.20	1230.14	1149.30	1210.10	1382.86	1499.14	1525.07	1505.37	1454.22	16882.68
20 1981	1571.53	1519.47	1433.82	1316.28	1252.56	1119.36	1305.81	1846.17	3372.70	2150.60	2236.33	1596.81	19741.03
21 1982	1563.17	1518.33	1458.50	1393.52	1324.14	1295.96	1384.45	3099.72	2922.60	2497.59	1604.22	1582.94	21444.82
22 1983	1542.10	1490.35	1431.09	1359.39	1277.07	1216.32	1218.71	1364.36	2068.43	1976.17	2494.60	1597.43	19038.02
23 1984	1565.31	1517.71	1453.63	1380.67	1329.35	1364.70	1608.81	3171.71	3253.51	2584.29	1598.75	1563.51	22391.93
24 1985	1512.90	1453.82	1384.71	1304.98	1240.27	1234.04	1385.77	2440.12	3294.87	1607.02	2149.54	1598.75	20628.66
25 1986	1562.81	1518.58	1448.38	1382.47	1341.44	1361.24	2767.45	3222.37	3294.87	2412.48	1602.02	1571.65	23358.27
26 1987	1524.22	1468.04	1401.53	1322.77	1234.92	1198.87	1245.92	1403.14	1511.44	1562.64	1575.28	1554.97	16963.72
27 1988	1507.61	1448.24	1379.17	1298.37	1244.58	1198.43	1290.76	1653.14	3203.46	1426.48	848.59	622.43	17321.05
28 1989	479.99	1549.09	1527.89	1462.60	1406.17	1411.60	1496.94	1567.33	1593.22	1409.28	949.79	597.84	15673.72
TOTAL	41757.18	41378.96	39994.61	38392.71	36823.56	38945.70	53503.92	69945.62	74288.56	54806.55	45844.81	43883.49	577565.12
AVE	1491.33	1477.82	1428.58	1371.17	1315.13	1390.92	1910.85	2498.06	2653.16	1957.38	1637.31	1495.84	20627.32
MAX	1593.32	1553.36	1499.52	1433.80	1378.30	1887.75	3346.62	3372.69	3372.70	2756.39	2496.89	1608.75	26719.96
MIN	479.99	1319.47	1233.82	1116.28	1052.36	1049.43	1126.29	1333.81	1444.25	1468.53	809.87	597.84	15673.72

Result of Reservoir Operation
 (The Da river system case-2 Son La(L) - project)



Result of Monthly Energy Calculation
(The Da river system case-2 Hoa Binh - project)

* MONTHLY TOTAL ENERGY (GMWH) *

NO.	YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	< TOTAL >
1	1962	893.97	751.07	830.45	1116.98	753.31	1183.87	1262.04	1373.39	1356.66	923.65	836.07	833.54	12145.00
2	1963	830.66	744.61	816.92	959.83	757.47	776.86	916.33	773.56	876.67	924.00	864.55	834.61	10026.04
3	1964	831.90	770.99	814.37	977.51	750.40	743.28	1174.90	1373.39	1373.07	1343.17	835.66	833.31	11821.93
4	1965	828.84	742.20	812.26	945.39	752.81	848.55	915.25	782.24	941.71	1313.87	1274.04	831.95	10989.13
5	1966	825.89	739.64	810.16	1148.68	1101.27	1221.33	1262.04	1373.39	1373.07	1418.84	806.62	831.92	12912.16
6	1967	823.50	735.83	804.76	882.87	754.07	737.47	805.67	784.33	1318.35	985.06	808.17	831.92	10269.98
7	1968	828.47	771.93	818.99	1007.25	750.21	729.54	1262.04	1373.39	1373.07	1418.84	801.83	833.03	12121.82
8	1969	827.19	740.48	811.51	931.67	754.01	722.85	1262.04	1373.39	1373.07	1302.34	805.84	832.44	11448.62
9	1970	831.44	745.85	828.24	1247.47	1190.20	1221.33	1262.04	1373.39	1373.07	1016.98	837.31	833.93	13160.93
10	1971	831.44	745.85	828.24	1247.47	1190.20	1221.33	1262.04	1373.39	1373.07	1016.98	837.31	833.93	13160.93
11	1972	829.33	769.99	815.23	974.62	751.60	724.90	753.86	1018.30	1372.88	1369.72	894.36	834.89	11109.91
12	1973	833.71	752.09	830.85	1140.58	837.22	844.64	1262.04	1373.39	1373.07	1017.19	807.96	831.61	12004.37
13	1974	825.09	738.77	808.90	918.65	753.50	804.43	1085.31	1373.39	1373.07	1285.93	834.46	833.93	11636.80
14	1975	829.38	741.43	809.60	923.91	753.25	807.66	822.55	778.77	1220.39	923.79	834.96	828.82	10412.69
15	1976	823.08	764.88	810.88	875.11	766.55	728.88	1262.04	1373.06	1373.07	936.62	866.95	832.89	11433.79
16	1977	828.05	742.27	813.44	943.42	754.26	724.90	1127.82	1373.39	1271.12	1104.79	866.38	803.78	11464.70
17	1978	830.00	746.74	824.33	1074.82	753.00	724.96	795.32	1278.70	1357.88	1043.52	832.68	831.46	11093.39
18	1979	832.14	748.75	822.34	1042.24	752.24	764.92	815.47	758.77	973.04	907.98	507.18	814.36	9769.44
19	1980	803.54	744.19	783.95	747.57	762.48	729.17	956.24	770.57	957.74	803.37	806.84	831.41	9757.05
20	1981	823.85	740.54	814.81	1030.94	760.96	807.06	911.47	1264.01	1331.97	1313.93	1184.67	803.33	11849.52
21	1982	827.40	739.12	812.37	980.37	751.62	770.20	758.77	1342.13	1373.07	1375.61	837.20	803.60	11431.24
22	1983	832.71	753.02	833.78	1170.26	751.99	728.41	750.78	756.84	828.73	1282.31	1214.63	832.24	10735.66
23	1984	832.97	781.03	834.61	1162.09	833.42	959.74	1142.13	1335.49	1373.07	1428.84	866.55	831.75	12371.70
24	1985	824.49	736.53	807.71	892.56	761.80	732.92	752.87	1267.50	1336.64	923.56	1011.98	828.19	10878.57
25	1986	824.51	744.43	818.09	1055.98	856.23	829.66	1262.04	1365.54	1373.07	1251.84	806.59	804.95	11992.91
26	1987	830.92	743.11	812.18	774.12	788.24	755.04	763.25	784.81	856.79	768.34	771.30	771.30	9505.77
27	1988	774.37	715.24	822.10	788.90	803.69	762.91	762.76	836.24	1338.46	1010.66	172.82	65.35	8853.50
28	1989	592.26	686.16	752.81	727.42	781.70	897.91	797.89	813.34	786.06	823.33	509.49	340.10	8508.45
TOTAL		22937.9	20862.8	23178.5	27335.3	22288.6	23613.5	28167.0	31816.1	34531.2	30955.4	23449.2	22021.9	311156.9
AVE		819.21	745.10	827.80	976.26	796.02	843.34	1005.96	1136.29	1233.26	1105.55	837.47	786.50	11112.75
MAX		893.97	781.03	1288.24	1247.47	1190.20	1221.33	1262.04	1373.39	1373.07	1418.84	1274.06	863.78	13160.93
MIN		592.26	686.16	752.81	727.42	750.21	724.90	750.78	756.84	786.06	823.33	172.82	65.35	8508.45

Result of Monthly Capacity
(The Da river system case-2, Hoa Binh - project)

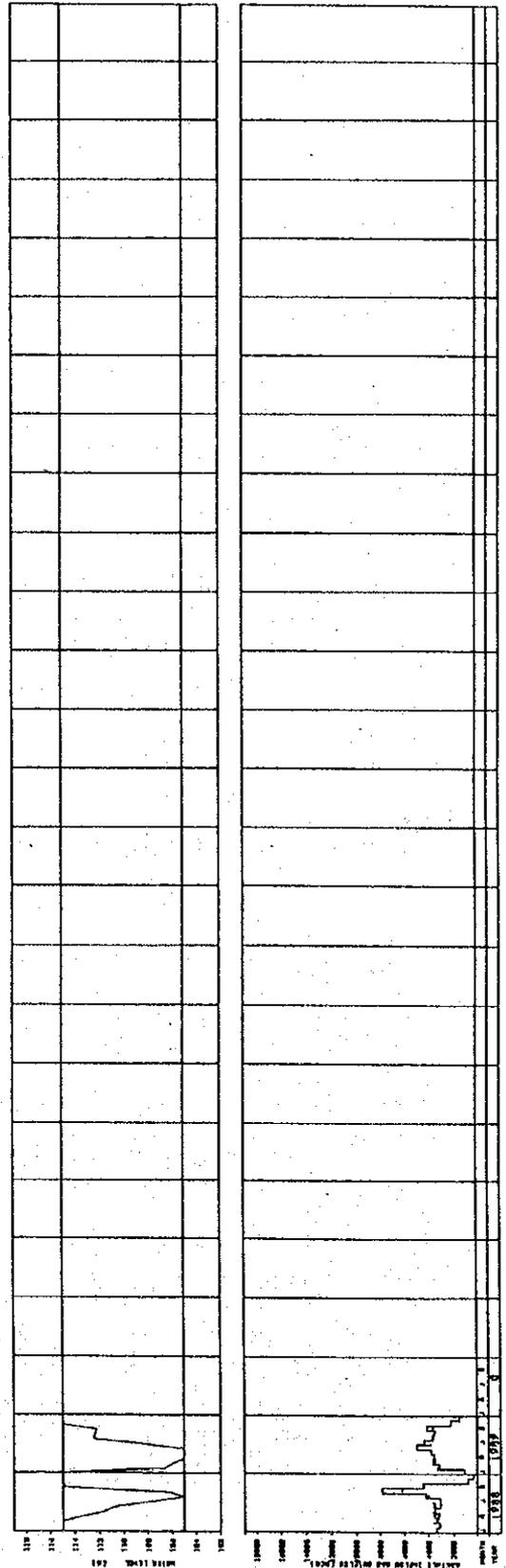
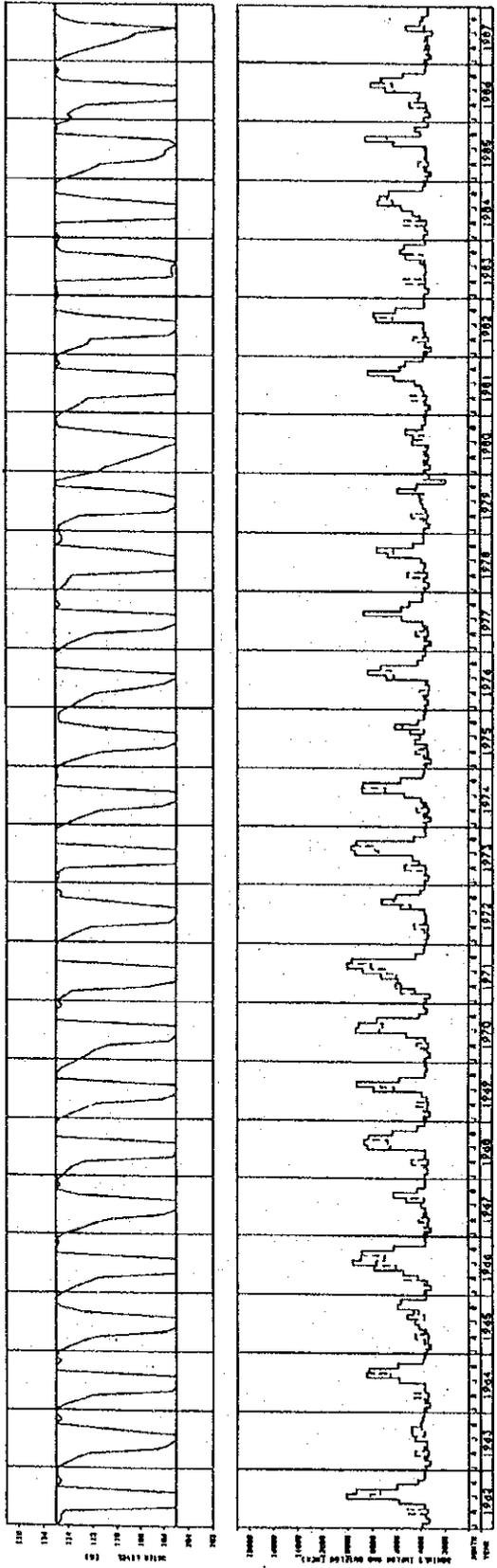
MONTHLY PEAK POWER (MW) *

NO.	YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	< TOTAL >
1	1962	1201.57	1117.67	1116.20	1551.37	1012.51	1644.26	1696.29	1845.95	1884.24	1281.79	1161.21	1120.36	16633.43
2	1963	1116.48	1108.04	1098.01	1333.09	1018.11	1009.53	1231.63	1039.73	1217.59	1241.94	1200.76	1120.04	13736.68
3	1964	1118.14	1107.75	1094.58	1357.65	1008.60	1032.33	1579.17	1845.95	1907.05	1805.33	1160.65	1120.04	16137.22
4	1965	1114.04	1104.47	1091.74	1313.05	1011.84	1178.54	1230.17	1051.40	1307.93	1765.96	1749.54	1118.22	15056.88
5	1966	1110.07	1100.66	1088.93	1595.39	1480.21	1696.29	1696.29	1845.95	1907.05	1907.05	1120.30	1117.23	17665.41
6	1967	1106.85	1094.98	1082.67	1226.20	1013.53	1024.26	1082.90	1054.21	1831.04	1324.00	1119.68	1118.18	14077.50
7	1968	1113.54	1109.10	1100.79	1398.93	1008.35	1101.19	1696.29	1845.95	1907.05	1907.05	1326.52	1119.66	16546.46
8	1969	1111.82	1101.90	1090.73	1293.98	1013.45	1101.19	1696.29	1845.95	1808.81	1119.53	1113.65	1118.87	15402.43
9	1970	1096.92	1089.30	1079.14	1269.70	1009.88	1696.29	1696.29	1845.95	1907.05	1244.97	1119.23	1118.87	15948.20
10	1971	1117.12	1109.89	1090.86	1732.60	1599.73	1696.29	1696.29	1845.95	1907.05	1366.91	1162.93	1120.88	18006.49
11	1972	1115.02	1106.30	1095.74	1353.64	1010.21	1006.80	1013.25	1368.69	1906.78	1841.02	1282.17	1122.16	15181.78
12	1973	1120.57	1119.19	1116.73	1584.14	1125.30	1312.03	1696.29	1845.95	1907.05	1367.19	1122.16	1117.76	16434.36
13	1974	1109.00	1099.36	1087.23	1275.90	1012.77	1117.27	1438.75	1845.95	1907.05	1727.57	1161.75	1120.88	15923.46
14	1975	1115.02	1103.32	1088.18	1297.09	1012.43	1260.65	1195.57	1044.05	1694.98	1281.98	1159.86	1114.01	14276.92
15	1976	1106.30	1098.87	1089.89	1215.62	1030.30	1012.33	1696.29	1845.95	1907.05	1285.78	1204.10	1119.21	15611.13
16	1977	1112.97	1104.57	1093.33	1310.50	1013.79	1077.77	1513.89	1845.95	1765.44	1484.94	1203.31	1160.99	15689.25
17	1978	1115.59	1111.21	1107.97	1492.80	1012.10	1006.89	1068.98	1718.68	1885.95	1402.58	1156.50	1117.55	15196.80
18	1979	1118.46	1114.22	1105.29	1405.89	1011.07	1062.39	1096.07	1019.86	1351.45	1301.05	704.42	1094.57	13384.73
19	1980	1080.02	1069.23	1053.69	1038.29	1024.84	1012.74	1285.27	1035.72	1330.20	1160.45	1120.60	1117.48	13328.52
20	1981	1110.02	1102.00	1095.17	1431.84	1023.79	1120.92	1235.09	1698.94	1849.94	1766.03	1465.38	1160.39	16228.54
21	1982	1112.10	1099.87	1091.89	1361.63	1009.97	1069.72	1019.86	1803.93	1907.05	1848.94	1162.78	1160.75	15648.48
22	1983	1119.23	1120.56	1120.68	1625.36	1010.73	1011.67	1009.12	1017.25	1151.01	1723.54	1386.98	1118.60	14714.71
23	1984	1119.59	1122.16	1121.79	1614.02	1120.19	1332.98	1535.12	1795.01	1907.05	1907.05	1303.53	1117.95	16896.43
24	1985	1108.18	1096.03	1085.63	1239.66	1023.93	1011.95	1011.92	1703.63	1856.45	1243.79	1405.53	1113.16	14905.86
25	1986	1108.22	1107.78	1099.58	1466.64	1150.85	1152.30	1694.29	1835.40	1907.05	1682.58	1120.26	1081.93	16408.85
26	1987	1116.83	1105.81	1091.65	1075.16	1039.47	1048.67	1025.88	1054.85	1189.98	1152.80	1067.13	1036.70	13024.92
27	1988	1040.81	1027.65	1104.97	1095.69	1080.23	1059.60	1025.51	1124.01	1358.41	1358.41	240.02	87.84	12103.41
28	1989	796.05	1021.08	1011.84	1010.31	1050.23	1247.09	1072.44	1093.20	1091.75	1106.62	707.62	457.12	11665.77
TOTAL		30830.49	30773.03	31183.86	37965.73	29957.81	32796.59	37858.90	42763.55	47960.00	41606.81	32568.37	29599.36	425833.75
AVE		1101.09	1099.04	1112.64	1355.92	1069.92	1171.31	1352.30	1527.27	1712.84	1485.96	1163.16	1057.12	15208.35
MAX		1201.57	1122.16	1050.86	1732.60	1599.73	1696.29	1696.29	1845.95	1907.05	1907.05	1769.54	1160.99	18006.49
MIN		796.05	1021.08	1011.84	1010.31	1008.35	1006.80	1009.12	1017.25	1091.75	1106.62	240.02	87.84	11665.77

Result of Capacity Duration
(The Da river system case-2 Hoa Binh - project)

NO.	DATE	P																			
1	6610	1907.0	61	7309	1695.0	121	6507	1230.2	181	8412	1117.9	241	8502	1096.0	301	6305	1018.1	361	8502	1096.0	0.0
2	8409	1907.0	62	8311	1687.0	122	6704	1226.2	182	7312	1117.8	242	7203	1095.7	302	8506	1017.9	362	8506	1017.9	0.0
3	8609	1907.0	63	8107	1682.6	123	8107	1225.1	183	6202	1117.7	243	8804	1095.7	303	8804	1095.7	363	8804	1095.7	0.0
4	8209	1907.0	64	7103	1650.9	124	6309	1217.6	184	7812	1117.6	244	8103	1095.2	304	7705	1013.8	364	7705	1013.8	0.0
5	6409	1907.0	65	8111	1645.4	125	7604	1215.4	185	8012	1117.5	245	6702	1095.0	305	6702	1095.0	365	6702	1095.0	0.0
6	6609	1907.0	66	6206	1644.3	126	7611	1204.1	186	7406	1117.5	246	6403	1094.6	306	6905	1013.4	366	6905	1013.4	0.0
7	6809	1907.0	67	8304	1635.4	127	8411	1203.5	187	6612	1117.2	247	7912	1094.6	307	7207	1013.2	367	7207	1013.2	0.0
8	6810	1907.0	68	8404	1614.0	128	6711	1203.3	188	7101	1117.1	248	7703	1093.3	308	8806	1012.8	368	8806	1012.8	0.0
9	7009	1907.0	69	7105	1599.7	129	6201	1201.6	189	8701	1116.8	249	8908	1093.2	309	7405	1012.7	370	7405	1012.7	0.0
10	7109	1907.0	70	6604	1595.4	130	6311	1200.8	190	7303	1116.7	250	8203	1091.9	310	8006	1012.7	371	8006	1012.7	0.0
11	7309	1907.0	71	7304	1584.1	131	6706	1190.0	191	6301	1116.5	251	8909	1091.7	311	6205	1012.5	372	6205	1012.5	0.0
12	7409	1907.0	72	6407	1579.2	132	6506	1178.5	192	6203	1116.2	252	6503	1091.6	312	7505	1012.4	373	7505	1012.4	0.0
13	7609	1907.0	73	6204	1551.1	133	7111	1162.9	193	7801	1115.6	253	8703	1091.6	313	7806	1012.3	374	7806	1012.3	0.0
14	8410	1907.0	74	8407	1533.1	134	8211	1162.8	194	7501	1115.0	254	6903	1089.9	314	8507	1011.9	375	8507	1011.9	0.0
15	7209	1906.8	75	7707	1515.9	135	7411	1161.7	195	7201	1115.0	255	7603	1089.9	315	8507	1011.9	376	8507	1011.9	0.0
16	7809	1885.9	76	7804	1492.8	136	6211	1161.2	196	7902	1114.2	256	7002	1088.9	316	6505	1011.8	377	6505	1011.8	0.0
17	8209	1884.2	77	7710	1484.9	137	7712	1161.0	197	6501	1114.0	257	6603	1088.9	317	8903	1011.8	378	8903	1011.8	0.0
18	8809	1859.0	78	6605	1480.2	138	8212	1160.8	198	7512	1114.0	258	7503	1088.2	318	8306	1011.7	379	8306	1011.7	0.0
19	8309	1850.5	79	7006	1470.9	139	6411	1160.6	199	6911	1113.6	259	7403	1087.2	319	7905	1011.1	380	7905	1011.1	0.0
20	8109	1850.0	80	8604	1466.6	140	8010	1160.4	200	6801	1113.5	260	8503	1085.6	320	8305	1010.7	381	8305	1010.7	0.0
21	8210	1848.9	81	7407	1458.8	141	8112	1160.4	201	8512	1113.0	261	8612	1081.9	321	8904	1010.3	382	8904	1010.3	0.0
22	6608	1846.0	82	8104	1451.9	142	7511	1159.7	202	7701	1112.1	262	8703	1081.7	322	8205	1010.0	383	8205	1010.0	0.0
23	6608	1846.0	83	7904	1445.9	143	7811	1156.5	203	8201	1112.1	263	6703	1081.7	323	7005	1009.9	384	7005	1009.9	0.0
24	6808	1846.0	84	8511	1405.5	144	8606	1152.3	204	6901	1111.2	264	8805	1080.2	324	7005	1009.9	385	7005	1009.9	0.0
25	6208	1846.0	85	7810	1402.6	145	8706	1152.3	205	7802	1111.2	265	8001	1080.0	325	6306	1009.5	386	6306	1009.5	0.0
26	6808	1844.0	86	6804	1398.9	146	8309	1151.0	206	6601	1110.1	266	7706	1077.8	326	6605	1008.6	387	6605	1008.6	0.0
27	7008	1844.0	87	7208	1368.7	147	8605	1150.8	207	8101	1110.0	267	7706	1077.8	327	6605	1008.6	388	6605	1008.6	0.0
28	7408	1844.0	88	7310	1367.2	148	7305	1154.0	208	7102	1109.9	268	8704	1075.2	328	8805	1008.6	389	8805	1008.6	0.0
29	7308	1844.0	89	7110	1366.9	149	8808	1154.0	209	6802	1109.9	269	8907	1072.4	329	7806	1008.6	390	7806	1008.6	0.0
30	7408	1844.0	90	8204	1361.6	150	7311	1152.2	210	7401	1109.0	270	8206	1069.2	330	7206	1006.8	391	7206	1006.8	0.0
31	7708	1844.0	91	8810	1358.4	151	7212	1152.2	211	8601	1108.2	271	8002	1069.2	331	8901	796.0	392	8901	796.0	0.0
32	7808	1844.5	92	6404	1357.6	152	8402	1152.2	212	8501	1108.2	272	7807	1069.0	332	8911	707.6	393	8911	707.6	0.0
33	7210	1841.0	93	7404	1353.6	153	8403	1151.8	213	8302	1108.0	273	8711	1067.1	333	7911	706.4	394	7911	706.4	0.0
34	8608	1835.4	94	7909	1351.5	154	6312	1151.8	214	7805	1108.0	274	7906	1062.4	334	8912	457.1	395	8912	457.1	0.0
35	6709	1831.0	95	6304	1333.1	155	8106	1150.9	215	8602	1107.8	275	8806	1059.6	335	8811	240.0	396	8811	240.0	0.0
36	6909	1808.8	96	8406	1333.0	156	7412	1150.9	216	6402	1107.7	276	8705	1059.5	336	8812	87.8	397	8812	87.8	0.0
37	6410	1803.3	97	8009	1330.2	157	7112	1150.9	217	6701	1106.9	277	8708	1054.8	337	0	0.0	398	0	0.0	0.0
38	8208	1803.3	98	6811	1326.5	158	8303	1120.7	218	8910	1106.6	278	8708	1054.2	338	0	0.0	399	0	0.0	0.0
39	8408	1795.0	99	6710	1324.0	159	8011	1120.6	219	7202	1106.3	279	8003	1053.7	339	0	0.0	400	0	0.0	0.0
40	6510	1766.0	100	6504	1313.0	160	7301	1120.6	220	7601	1106.3	280	8508	1051.4	340	0	0.0	401	0	0.0	0.0
41	8110	1766.0	101	7306	1312.0	161	8302	1120.6	221	7507	1105.8	281	8905	1050.7	341	0	0.0	402	0	0.0	0.0
42	6510	1766.0	102	7704	1310.3	162	6611	1120.3	222	7903	1105.3	282	7508	1044.0	342	0	0.0	403	0	0.0	0.0
43	7709	1765.4	103	6509	1307.9	163	6611	1120.3	223	7903	1105.3	283	7508	1044.0	343	0	0.0	404	0	0.0	0.0
44	7404	1752.5	104	7310	1301.1	164	8411	1120.3	224	6912	1105.1	284	8801	1040.8	344	0	0.0	405	0	0.0	0.0
45	7410	1727.6	105	7304	1297.1	165	8405	1120.2	225	8803	1105.0	285	8308	1039.7	345	0	0.0	406	0	0.0	0.0
46	8310	1723.5	106	6904	1294.0	166	6412	1120.0	226	7702	1104.6	286	8004	1038.3	346	0	0.0	407	0	0.0	0.0
47	7808	1718.7	107	7610	1285.8	167	6711	1119.7	227	6502	1104.5	287	8712	1036.7	347	0	0.0	408	0	0.0	0.0
48	8508	1703.6	108	8007	1285.3	168	6812	1119.7	228	7302	1103.3	288	8008	1035.7	348	0	0.0	409	0	0.0	0.0
49	8108	1698.9	109	7510	1282.0	169	8401	1119.6	229	8102	1102.0	289	8406	1034.3	349	0	0.0	410	0	0.0	0.0
50	6606	1696.3	110	6210	1281.8	170	6910	1119.5	230	6902	1101.9	290	7405	1030.3	350	0	0.0	411	0	0.0	0.0
51	6807	1696.3	111	7404	1279.9	171	8301	1119.2	231	6906	1101.2	291	8802	1027.6	351	0	0.0	412	0	0.0	0.0
52	6807	1696.3	112	7004	1269.7	172	7011	1119.2	232	6803	1100.6	292	8707	1025.9	352	0	0.0	413	0	0.0	0.0
53	6207	1696.3	113	7506	1260.6	173	7412	1119.2	233	6602	1100.7	293	8807	1025.2	353	0	0.0	414	0	0.0	0.0
54	6907	1696.3	114	8906	1247.1	174	7302	1119.2	234	8202	1099.9	294	8005	1024.8	354	0	0.0	415	0	0.0	0.0
55	7007	1696.3	115	7010	1245.0	175	7012	1118.6	235	8403	1099.6	295	6706	1024.3	355	0	0.0	416	0	0.0	0.0
56	7106	1696.3	116	8510	1243.8	176	8112	1118.6	236	7402	1099.4	296	8505	1023.9	356	0	0.0	417	0	0.0	0.0
57	7107	1696.3	117	7211	1242.2	177	7801	1118.5	237	7402	1099.0	297	8105	1022.8	357	0	0.0	418	0	0.0	0.0
58	7307	1696.3	118	6310	1241.9	178	6712	1118.2	238	6303	1098.0	298	8502	1021.1	358	0	0.0	419	0	0.0	0.0
59	8607	1696.3	119	8504	1239.7	179	6712	1118.2	239	7001	1096.9	299	7908	1019.9	359	0	0.0	420	0	0.0	0.0
60	8607	1696.3	120	6307	1231.6	180	6401	1118.1	240	7907	1096.1	300	8207	1019.9	360	0	0.0	420	0	0.0	0.0

Result of Reservoir Operation
 (The Da river system case-2 Hoa Binh - project)



Result of Monthly Energy Calculation
(The Da river system case-2 Son La(S) - project)

* MONTHLY TOTAL ENERGY (GWH) *

NO. YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	< TOTAL >
1 1962	566.34	501.26	534.30	489.81	661.10	1341.32	1652.94	1676.11	1015.23	755.42	443.39	352.84	9992.06
2 1963	584.05	477.47	497.74	444.01	413.15	384.95	303.47	1630.80	1072.21	980.63	1069.32	564.57	8592.40
3 1964	533.28	499.75	507.61	459.61	451.36	1037.88	1625.94	1676.11	1621.15	983.22	644.02	567.06	10427.00
4 1965	566.84	486.58	512.92	466.41	450.16	536.86	1645.31	1676.11	1821.15	1286.16	1190.18	666.00	10426.50
5 1966	565.05	499.61	531.95	487.12	490.52	1247.77	1671.04	1676.11	1622.05	1407.09	708.15	566.86	11673.30
6 1967	556.17	486.35	512.31	485.43	450.23	428.66	1671.04	1676.11	1622.05	1358.87	707.24	565.62	9215.28
7 1968	557.71	489.93	525.04	488.58	474.38	1131.70	1565.96	1676.11	1622.05	1350.59	894.37	565.91	11562.32
8 1969	553.59	481.54	503.73	451.35	434.03	1704.68	1293.33	1676.11	1305.50	730.54	549.84	560.01	9244.23
9 1970	541.80	468.10	486.80	433.79	440.94	1039.97	1600.11	1676.11	1470.43	734.83	547.80	790.96	10341.64
10 1971	560.33	491.57	520.49	468.05	456.46	1165.06	1641.51	1676.11	1622.05	1228.61	581.87	562.09	10670.22
11 1972	564.96	487.76	489.91	439.39	423.58	1427.27	1574.68	1676.11	1413.57	1228.61	953.42	795.46	10854.71
12 1973	563.40	494.40	527.64	490.99	529.70	1324.37	1650.52	1676.11	1622.05	983.35	767.42	563.86	11193.79
13 1974	551.01	478.33	502.71	454.76	443.64	784.72	1505.59	1676.11	1622.05	1110.69	550.99	563.30	10244.89
14 1975	549.25	478.95	501.79	455.47	457.94	492.34	1651.15	1403.91	1622.05	858.32	644.75	566.27	9249.78
15 1976	533.91	503.51	516.99	472.46	561.35	1243.98	1508.01	1676.11	1572.55	922.92	771.13	567.57	10872.19
16 1977	557.45	487.79	515.23	472.05	463.43	886.40	1500.81	1676.11	1015.64	1048.54	643.63	561.57	9828.85
17 1978	550.87	483.68	507.72	456.14	460.56	844.46	1676.11	1676.11	1614.30	703.09	390.00	302.08	9447.73
18 1979	555.47	478.24	497.43	442.00	417.28	391.32	1010.67	1536.51	1622.04	910.69	406.12	302.08	8562.67
19 1980	537.57	498.71	500.90	445.56	412.08	377.44	459.77	1606.14	1643.55	856.23	543.39	546.66	8032.98
20 1981	524.46	448.42	458.61	399.51	403.48	866.49	1525.08	1676.11	1622.05	1108.30	1072.40	570.01	10674.91
21 1982	564.05	496.63	526.57	483.99	471.49	671.23	1463.26	1676.11	1467.87	1228.58	707.43	566.23	10323.43
22 1983	555.44	485.10	513.87	466.69	443.08	411.88	373.78	1612.43	1622.04	1046.39	1187.25	569.35	9487.30
23 1984	564.48	513.14	522.28	473.46	474.83	1068.79	1676.11	1676.11	1348.75	1348.75	550.27	561.30	10898.48
24 1985	543.68	470.17	489.53	438.88	426.78	520.91	1640.89	1676.11	1622.04	796.08	1132.88	568.50	10326.44
25 1986	560.98	490.00	515.11	471.88	556.56	1163.87	1633.63	1676.11	1524.27	1232.73	532.00	562.79	11020.32
26 1987	547.34	475.14	497.13	444.96	414.37	377.92	476.03	1591.00	1466.50	1105.86	766.83	563.80	8728.86
27 1988	548.07	491.95	496.24	444.31	441.58	428.90	1325.19	1674.11	1622.04	860.59	546.77	551.40	9435.17
28 1989	529.28	453.00	468.47	415.63	399.32	421.95	733.84	1110.13	1073.44	831.58	485.84	310.12	7232.58
TOTAL	15466.8	13618.1	14181.1	12822.3	13323.1	21793.1	37934.9	45882.4	39973.7	28232.4	20090.7	15336.0	278374.2
AVE	552.39	486.36	508.47	457.96	475.83	778.32	1354.82	1627.94	1427.63	1009.02	717.52	547.72	9941.93
MAX	566.34	513.14	534.30	490.99	690.52	1341.32	1676.11	1676.11	1622.05	1407.09	1190.18	793.46	11671.30
MIN	524.46	448.42	458.61	399.51	399.32	377.44	459.77	1110.13	932.98	703.09	390.00	284.89	7232.58

Result of Monthly Capacity
(The Da river system case-2 Son La(S) - project)

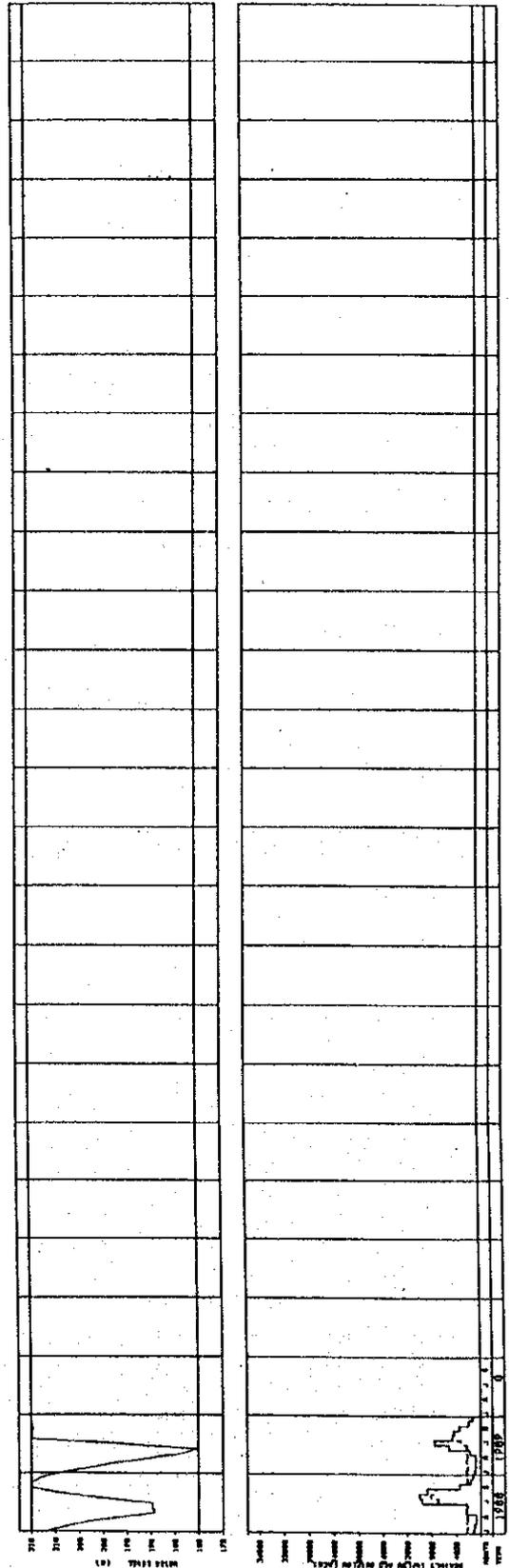
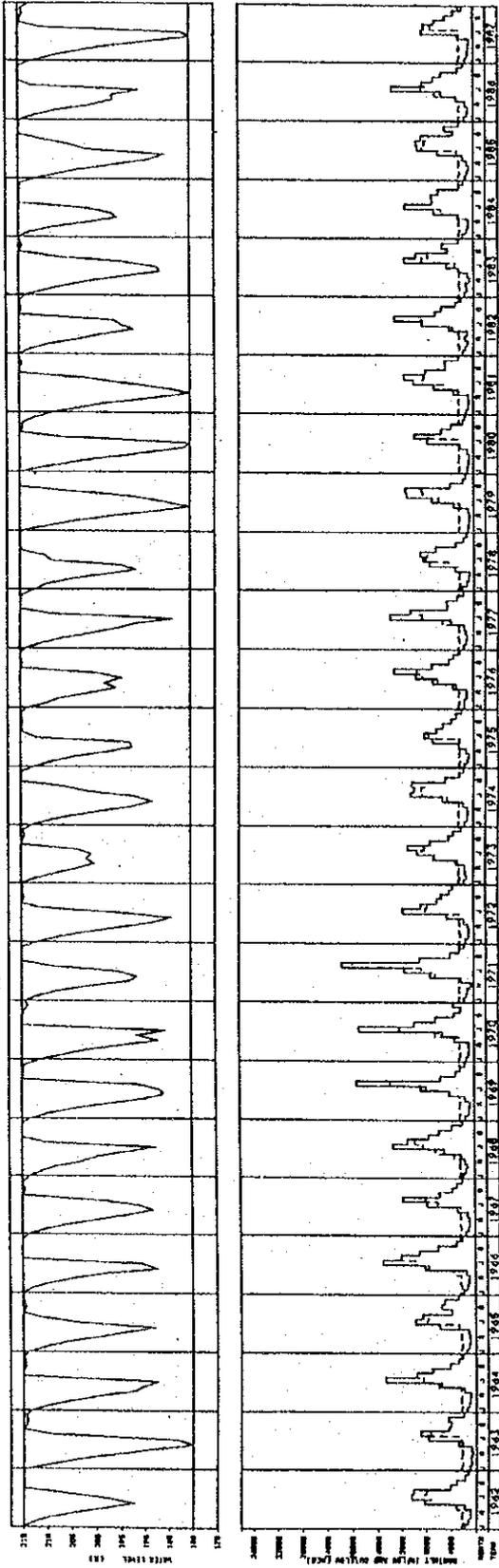
* MONTHLY PEAK POWER (MW) *

NO. YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	< TOTAL >	
1	1962	741.21	745.92	718.15	680.29	888.58	2221.70	2252.84	1410.04	1015.35	618.60	474.25	13649.87	
2	1963	744.70	710.53	649.01	616.68	555.31	534.64	2191.94	1489.18	1318.08	1485.17	758.83	11750.79	
3	1964	743.65	718.03	682.27	638.38	606.67	1469.27	2252.84	2251.60	1321.53	894.67	782.18	14526.28	
4	1965	748.45	724.08	689.41	647.78	745.64	2211.44	2252.84	1323.58	1728.71	1453.03	893.16	14225.15	
5	1966	759.48	723.46	714.99	676.56	928.12	1733.01	2246.02	2252.84	1891.25	983.54	761.91	15944.01	
6	1967	747.54	733.74	688.58	646.43	605.14	595.37	1545.99	1587.32	1153.33	982.28	760.25	12588.80	
7	1968	749.61	732.66	705.70	678.59	806.42	1571.81	2104.78	2252.84	1815.30	1242.18	740.63	15773.37	
8	1969	744.07	716.57	677.06	626.88	583.37	978.72	1738.54	2252.84	1313.19	743.67	782.71	12639.32	
9	1970	728.22	696.58	654.31	592.86	1513.85	2130.69	2252.84	2042.17	1068.32	760.83	1083.12	14126.16	
10	1971	723.14	731.50	699.58	650.08	1618.14	2206.33	2252.84	2252.84	1242.78	808.16	735.50	14584.40	
11	1972	732.47	700.81	658.48	610.27	593.43	2116.50	2252.84	1963.29	1651.36	1324.19	1069.16	14242.12	
12	1973	737.26	735.72	709.19	681.93	1839.40	2218.45	2252.84	2252.84	1332.70	1065.86	757.87	15305.02	
13	1974	740.61	713.29	675.68	631.60	1089.89	2023.65	2252.84	2252.84	1492.86	765.27	757.13	13991.93	
14	1975	728.24	712.72	674.85	632.60	683.81	2219.29	1886.98	1652.29	1153.65	895.48	741.11	12626.13	
15	1976	744.50	723.43	694.48	656.20	1730.53	2026.89	2252.84	2184.10	1260.49	1071.01	762.86	14841.83	
16	1977	749.26	725.88	692.54	622.69	1231.11	2017.22	2252.84	1410.61	1409.33	893.93	754.79	13416.00	
17	1978	710.41	719.74	682.43	633.53	618.76	1172.87	2252.84	1964.30	945.01	541.67	382.92	12907.34	
18	1979	746.60	711.70	688.58	613.89	553.87	1358.42	2062.52	2252.84	1224.05	564.06	468.02	11706.05	
19	1980	722.54	716.54	673.23	618.84	560.86	617.97	2156.10	1729.65	1150.84	754.71	734.76	10960.28	
20	1981	704.92	667.29	616.41	554.87	1203.46	2049.84	2252.84	2252.84	1489.65	1489.45	766.14	14590.03	
21	1982	758.14	739.03	707.75	672.21	633.73	932.27	1966.75	2038.71	1651.32	982.55	761.07	14096.34	
22	1983	746.54	721.88	690.69	648.18	595.53	572.06	771.22	2252.84	1406.44	1648.96	745.26	12986.84	
23	1984	738.71	737.27	701.99	657.59	638.21	1481.65	2252.84	2114.42	1812.84	764.26	754.43	14860.23	
24	1985	730.75	699.67	657.97	609.56	573.63	723.48	2205.49	2252.84	1049.99	1573.65	744.11	14113.77	
25	1986	754.00	729.16	692.88	653.39	748.06	1610.49	2195.74	2252.84	1656.90	877.78	736.44	15052.73	
26	1987	735.67	707.05	668.18	618.00	556.95	524.88	639.83	2138.44	2036.81	1486.37	1065.04	11933.66	
27	1988	736.46	704.82	646.99	617.10	593.53	595.70	1781.17	2252.84	1156.71	759.41	741.12	12860.88	
28	1989	711.40	674.11	639.66	577.26	536.72	586.04	1492.11	1490.89	1117.72	674.77	416.82	9893.84	
TOTAL		20788.71	20085.20	19060.65	17808.74	17907.46	50987.82	61266.73	55519.05	37973.75	27903.73	20612.98	380182.50	
AVE		742.45	717.33	680.74	636.03	639.55	1081.01	1820.99	2188.10	1982.82	1336.21	996.56	736.18	13577.95
MAX		761.21	745.92	718.15	681.93	928.12	1862.95	2252.84	2252.84	1891.25	1653.03	1049.16	15944.01	
MIN		704.92	667.29	616.41	554.87	524.23	617.97	1492.11	1323.58	945.01	541.67	382.92	9893.84	

Result of Capacity Duration
 (The Da river system case-2 Son La(S) - project)

NO.	DATE	P	NO.	DATE	P	NO.	DATE	P	NO.	DATE	P	NO.	DATE	P	NO.	DATE	P	NO.	DATE	P	
1	6208	2252.8	61	7707	2017.2	121	8010	1150.8	181	7101	753.1	241	7403	699.6	301	7204	610.3	361	7403	610.3	0.0
2	7208	2252.8	62	8207	1966.7	122	8910	1117.7	182	6912	752.7	242	7002	696.6	302	8504	609.6	362	8504	609.6	0.0
3	7309	2252.8	63	7809	1964.3	123	7406	1089.9	183	6801	749.6	243	7603	694.5	303	6405	608.7	363	6405	608.7	0.0
4	7409	2252.8	64	7209	1963.3	124	7611	1070.0	184	7701	749.3	244	8603	692.9	304	6705	605.1	364	6705	605.1	0.0
5	6408	2252.8	65	6610	1891.2	125	8510	1070.0	185	6501	748.4	245	7703	692.5	305	6505	605.0	365	6505	605.0	0.0
6	6608	2252.8	66	6709	1887.2	126	7212	1069.2	186	8605	748.1	246	8303	690.7	306	7004	602.5	366	7004	602.5	0.0
7	6609	2252.8	67	7508	1887.0	127	7010	1068.3	187	747.5	747.5	247	6503	689.4	307	7405	593.3	367	7405	593.3	0.0
8	6808	2252.8	68	6206	1862.9	128	7311	1065.9	188	7901	746.6	248	6703	688.6	308	8806	593.7	368	8806	593.7	0.0
9	6809	2252.8	69	7306	1839.4	129	8711	1065.0	189	8301	746.6	249	7506	683.8	309	8305	593.5	369	8305	593.5	0.0
10	7008	2252.8	70	6810	1815.3	130	7012	1063.1	190	6502	745.9	250	7803	682.4	310	6706	595.4	370	6706	595.4	0.0
11	7109	2252.8	71	6909	1813.2	131	6210	1015.4	191	6506	745.6	251	6803	682.3	311	8805	593.5	371	8805	593.5	0.0
12	7409	2252.8	72	8410	1812.8	132	8907	986.3	192	6301	744.7	252	7304	681.9	312	7206	593.4	372	7206	593.4	0.0
13	7608	2252.8	73	8807	1781.2	133	6411	983.5	193	7401	744.5	253	6204	680.3	313	7005	592.7	373	7005	592.7	0.0
14	8808	2252.8	74	6907	1758.3	134	8211	982.5	194	6901	744.1	254	6804	678.6	314	8906	586.0	374	8906	586.0	0.0
15	6708	2252.8	75	6606	1753.0	135	6711	982.3	195	6401	743.7	255	6903	677.1	315	6905	583.4	375	6905	583.4	0.0
16	7807	2252.8	76	7606	1729.6	136	6910	981.9	196	6402	743.5	256	6307	676.7	316	8904	577.3	376	8904	577.3	0.0
17	8108	2252.8	77	8009	1728.7	137	6906	978.7	197	8812	741.1	257	6604	676.6	317	8306	572.1	378	8306	572.1	0.0
18	8407	2252.8	78	6510	1728.7	138	7810	945.0	198	7401	740.6	258	7403	675.7	318	7205	569.3	379	7205	569.3	0.0
19	8408	2252.8	79	8610	1656.9	139	8206	932.3	199	7801	740.4	259	8911	674.8	319	7911	564.1	380	7911	564.1	0.0
20	6508	2252.8	80	6511	1653.0	140	6605	928.1	200	8202	739.0	260	7503	674.5	320	7911	564.1	381	8005	560.9	0.0
21	6908	2252.8	81	7509	1652.3	141	6805	906.4	201	7501	738.2	261	8902	674.1	321	8005	557.0	382	8005	557.0	0.0
22	7408	2252.8	82	7210	1651.4	142	7511	895.5	202	8402	737.3	262	8603	673.3	322	8705	557.0	383	8705	557.0	0.0
23	7808	2252.8	83	8210	1651.3	143	6512	895.2	203	8801	736.7	263	8204	672.2	323	6305	555.3	384	6305	555.3	0.0
24	7909	2252.8	84	8311	1649.0	144	6411	894.5	204	7302	735.7	264	6303	669.0	324	8104	554.9	385	8104	554.9	0.0
25	8208	2252.8	85	7106	1618.1	145	7711	893.9	205	8701	735.7	265	7903	668.6	325	7905	553.9	386	7905	553.9	0.0
26	8809	2252.8	86	8606	1616.5	146	6205	888.8	206	8012	734.8	266	8703	668.2	326	7906	543.5	387	7906	543.5	0.0
27	7108	2252.8	87	8511	1573.4	147	8611	877.8	207	6802	732.7	267	8102	667.5	327	8105	541.7	388	8105	541.7	0.0
28	7308	2252.8	88	8806	1571.8	148	7111	808.2	208	7201	732.5	268	8803	667.0	328	7811	541.7	389	7811	541.7	0.0
29	8508	2252.8	89	6707	1546.0	149	8307	771.2	209	7102	731.5	269	7203	658.5	329	8905	536.7	390	8905	536.7	0.0
30	8509	2252.8	90	7006	1513.9	150	8112	766.1	210	8501	730.8	270	8503	658.0	330	6306	534.7	391	6306	534.7	0.0
31	7708	2252.8	91	7410	1492.9	151	7411	765.3	211	8602	729.2	271	8404	657.6	331	8706	524.9	392	8706	524.9	0.0
32	8309	2252.8	92	8908	1492.1	152	8312	765.3	212	7001	728.2	272	7604	656.2	332	8006	524.2	393	8006	524.2	0.0
33	6409	2251.6	93	8909	1490.9	153	8411	764.3	213	7702	725.9	273	7704	655.6	333	6212	474.3	394	6212	474.3	0.0
34	6607	2246.0	94	8110	1489.4	154	8512	764.1	214	6502	724.1	274	8604	655.4	334	8912	466.8	395	8912	466.8	0.0
35	6207	2246.0	95	8111	1489.4	155	6911	763.7	215	6702	723.7	275	7003	654.3	335	7912	466.8	396	7912	466.8	0.0
36	7507	2249.3	96	6309	1489.2	156	7612	762.9	216	8506	723.5	276	7184	650.1	336	7812	382.9	397	7812	382.9	0.0
37	7307	2248.4	97	8710	1486.4	157	6612	762.2	217	7602	723.4	277	8304	648.2	337	0	0.0	398	0	0.0	0.0
38	6507	2248.4	98	8311	1485.2	158	6612	761.9	218	8001	722.5	278	6504	647.8	338	0	0.0	399	0	0.0	0.0
39	7107	2246.3	99	8406	1481.7	159	6201	761.2	219	8302	721.9	279	6704	646.4	339	0	0.0	400	0	0.0	0.0
40	8507	2249.7	100	6406	1469.3	160	7512	761.1	220	7802	719.8	280	8707	639.8	340	0	0.0	401	0	0.0	0.0
41	8607	2249.7	101	7709	1440.6	161	8212	761.1	221	6203	718.1	281	6404	638.4	341	0	0.0	402	0	0.0	0.0
42	6308	2249.8	102	6209	1440.6	162	7011	760.8	222	6402	718.0	282	8405	638.2	342	0	0.0	403	0	0.0	0.0
43	8409	2249.8	103	7710	1409.3	163	6812	760.6	223	6902	716.6	283	8205	633.7	343	0	0.0	404	0	0.0	0.0
44	6407	2249.4	104	8310	1406.4	164	6712	760.2	224	8002	716.5	284	7804	633.5	344	0	0.0	405	0	0.0	0.0
45	7609	2249.4	105	7907	1398.4	165	6601	759.5	225	6603	715.0	285	7504	632.6	345	0	0.0	406	0	0.0	0.0
46	8308	2247.2	106	7211	1324.2	166	8811	759.4	226	7402	713.3	286	7404	631.6	346	0	0.0	407	0	0.0	0.0
47	8008	2249.1	107	6509	1323.6	167	6312	758.8	227	7502	712.7	287	8903	629.7	347	0	0.0	408	0	0.0	0.0
48	7007	2249.7	108	7310	1321.7	168	8401	758.7	228	7305	712.0	288	6904	626.9	348	0	0.0	409	0	0.0	0.0
49	8708	2249.7	109	6410	1321.5	169	8201	758.1	229	7902	711.7	289	7705	622.9	349	0	0.0	410	0	0.0	0.0
50	8609	2249.7	110	6310	1318.1	170	7312	757.9	230	8901	711.4	290	8004	618.8	350	0	0.0	411	0	0.0	0.0
51	7207	2249.5	111	7110	1242.8	171	7501	757.3	231	6302	710.5	291	7805	618.8	351	0	0.0	412	0	0.0	0.0
52	6408	2249.6	112	6811	1242.2	172	7412	757.1	232	7303	709.2	292	6211	618.6	352	0	0.0	413	0	0.0	0.0
53	6807	2249.8	113	7410	1240.5	173	8712	756.4	233	8203	707.8	293	8704	618.0	353	0	0.0	414	0	0.0	0.0
54	7908	2062.5	114	7706	1231.1	174	8612	756.4	234	8702	707.1	294	8007	618.0	354	0	0.0	415	0	0.0	0.0
55	8107	2042.8	115	7910	1224.0	175	7112	755.5	235	8802	706.8	295	8804	617.1	355	0	0.0	416	0	0.0	0.0
56	7009	2042.3	116	7910	1220.5	176	7712	754.8	236	6803	705.7	296	6304	616.4	356	0	0.0	417	0	0.0	0.0
57	8209	2038.7	117	7806	1172.9	177	8011	754.7	237	8101	704.9	297	8103	616.4	357	0	0.0	418	0	0.0	0.0
58	8709	2036.8	118	8810	1156.7	178	7605	754.5	238	8403	702.0	298	7505	615.5	358	0	0.0	419	0	0.0	0.0
59	7607	2026.9	119	7510	1153.7	179	8412	754.4	239	7202	700.8	299	7904	613.9	359	0	0.0	420	0	0.0	0.0
60	7407	2023.6	120	6710	1153.3	180	8601	754.0	240	8502	699.7	300	7105	613.5	360	0	0.0	420	0	0.0	0.0

Result of Reservoir Operation
 (The Da river system case-2 Son La(S) - project)



Result of Monthly Energy Calculation
(The Da river system case-2 Hoa Binh - project)

* MONTHLY TOTAL ENERGY (GWH) *

NO. YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	< TOTAL >
1	1962	648.77	529.70	726.06	1145.15	918.72	949.35	1115.19	1299.24	894.44	565.47	566.83	9945.41
2	1963	551.59	494.17	541.77	909.46	416.42	586.50	904.82	1290.06	1044.07	1154.98	587.30	8918.14
3	1964	586.08	563.46	574.21	1164.37	439.54	949.35	1241.17	1299.24	1313.01	716.16	586.04	10321.35
4	1965	583.19	522.37	571.83	1130.89	579.05	949.35	753.02	1096.36	1311.64	1241.01	648.35	9819.22
5	1966	582.91	524.09	573.89	1157.68	601.86	949.35	1241.17	1299.24	1342.55	716.29	584.37	10524.09
6	1967	579.14	517.63	566.27	1072.10	425.48	949.35	1196.79	1299.24	923.31	716.55	586.56	9265.94
7	1968	584.40	544.72	634.02	1143.77	574.20	949.35	1241.17	1299.24	1342.55	933.82	587.30	10773.25
8	1969	583.54	522.54	572.85	1131.14	430.47	949.35	1241.17	1299.24	740.64	565.68	580.31	9301.82
9	1970	576.18	516.97	567.21	1113.77	430.58	949.35	1241.17	1299.24	922.83	565.50	768.97	9870.48
10	1971	586.39	526.50	623.13	1104.32	447.23	949.35	1241.17	1299.24	1015.66	628.89	587.91	10128.49
11	1972	585.14	543.35	573.47	1168.72	430.58	949.35	1178.48	1299.24	1342.55	923.75	803.16	10214.04
12	1973	587.75	530.38	753.64	1136.18	522.18	949.35	1219.39	1299.24	1045.65	776.84	586.19	10325.52
13	1974	581.91	521.18	570.85	1117.02	432.92	949.35	1191.42	1299.24	1285.37	628.31	586.59	9958.97
14	1975	583.82	521.94	570.10	1121.19	432.65	949.35	1204.85	1299.24	955.32	836.28	587.07	10058.52
15	1976	582.64	541.62	629.92	1123.65	429.86	949.35	1117.46	1299.24	1104.49	717.77	618.36	9900.59
16	1977	584.12	523.80	574.21	1142.48	433.74	949.35	1113.52	1299.24	893.97	562.43	556.79	9442.84
17	1978	585.55	527.05	693.67	1138.42	431.55	949.35	1152.24	1299.24	984.53	560.51	552.98	8800.83
18	1979	539.71	485.48	532.66	864.72	442.45	949.35	1025.56	1299.24	893.08	569.12	586.68	8083.43
19	1980	531.80	490.41	516.05	712.00	442.45	949.35	1208.24	1299.24	1314.18	1156.84	618.99	10758.55
20	1981	583.10	523.03	658.75	1129.57	438.77	949.35	1160.01	1299.24	1342.55	747.44	618.10	10054.44
21	1982	585.00	522.84	602.77	1153.62	430.45	949.35	1155.72	1299.24	1342.55	1184.19	586.56	9987.68
22	1983	587.24	531.14	783.74	1142.14	434.32	949.35	954.88	1299.24	1342.55	628.82	586.59	10225.21
23	1984	616.33	547.62	752.63	1130.65	497.85	949.35	1147.93	1299.24	893.84	1059.69	584.79	9650.77
24	1985	581.81	519.91	570.34	1126.71	432.23	949.35	1118.17	1299.24	1252.34	656.87	585.23	10283.63
25	1986	582.64	526.00	689.06	1124.54	481.67	949.35	1058.29	1299.24	1190.51	685.35	584.60	8810.66
26	1987	580.77	519.42	567.77	964.51	470.03	949.35	1133.03	1299.24	1045.58	531.47	531.17	8990.44
27	1988	576.70	531.82	559.50	927.64	458.15	949.35	1133.03	1299.24	1045.58	531.47	531.17	8990.44
28	1989	506.38	453.28	498.05	709.81	453.68	702.48	480.20	565.34	945.99	568.66	339.52	6818.77
TOTAL		16226.4	14602.6	17250.4	30006.2	12994.7	24691.5	30943.8	35373.2	31009.6	21306.6	16583.6	270442.7
AVE		579.51	521.52	616.09	1071.65	466.10	881.84	1105.21	1263.33	1107.49	740.95	592.27	9658.67
MAX		648.77	547.62	823.13	1168.72	601.86	949.35	1241.17	1299.24	1342.55	1241.01	803.16	10773.25
MIN		506.38	453.28	498.05	709.81	429.54	443.42	480.20	565.34	740.64	568.66	339.52	6818.77

Result of Monthly Capacity
(The Da river system case-2 Hoa Binh - project)

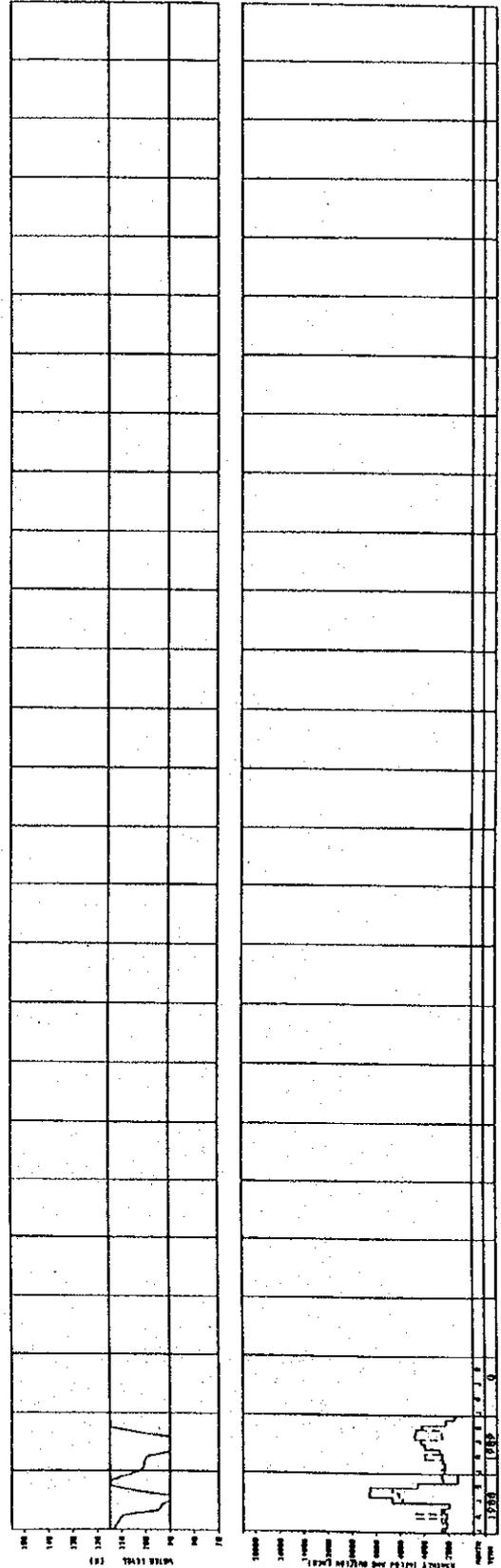
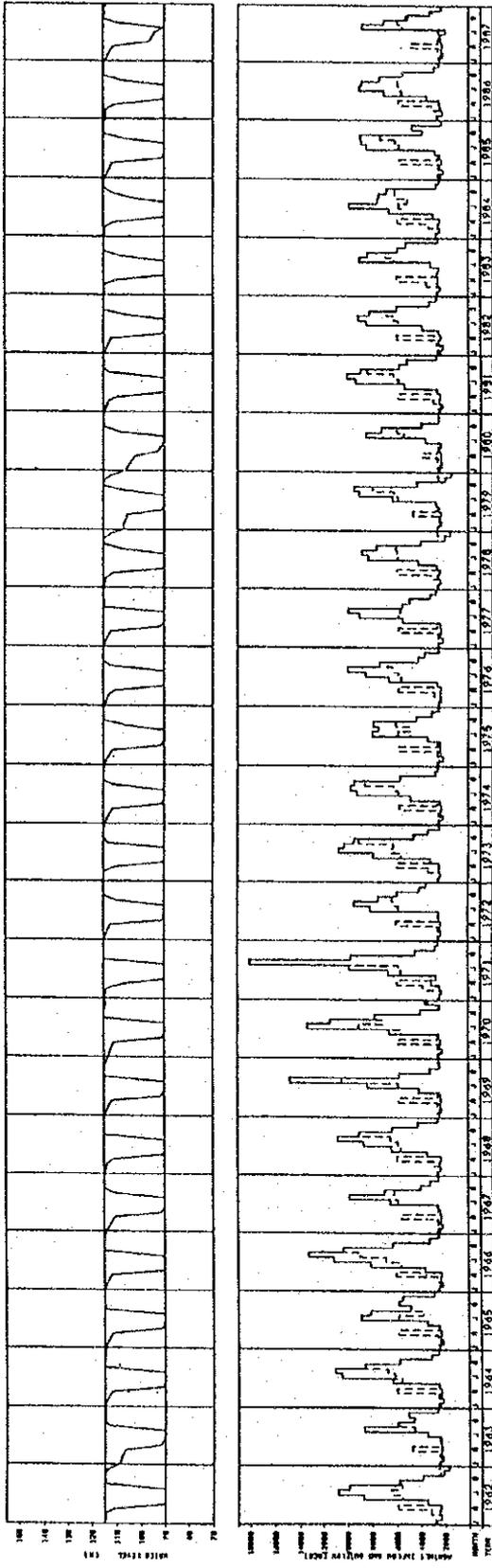
* MONTHLY PEAK POWER (MW) *

NO. YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	< TOTAL >
1	1962	872.00	788.24	975.89	1590.48	788.31	1376.01	1498.91	1804.50	1202.20	785.38	761.87	13619.79
2	1963	741.39	735.38	726.19	1263.14	587.36	578.36	1216.16	1791.75	1605.33	1804.14	789.38	12226.86
3	1964	787.75	780.83	771.79	1617.18	577.34	1276.01	1668.24	1804.50	1764.80	994.67	787.70	14106.79
4	1965	783.85	777.33	788.59	1570.69	808.87	804.23	1612.12	1522.73	1762.96	1723.63	871.44	13454.44
5	1966	786.17	779.89	771.35	1607.88	808.95	1276.01	1668.24	1804.50	1804.50	1036.52	785.45	14405.44
6	1967	778.42	770.28	761.12	1489.03	582.71	590.94	1608.59	1804.50	1241.00	995.20	788.39	12686.18
7	1968	783.49	782.84	852.84	1588.57	771.78	1276.01	1668.24	1804.50	1804.50	1324.75	789.38	14784.02
8	1969	784.33	777.59	769.96	1571.03	582.62	947.10	1668.24	1804.50	993.48	785.67	779.99	12742.48
9	1970	774.43	769.30	762.39	1546.91	578.74	1276.01	1668.24	1804.50	1240.36	785.42	1033.56	13515.84
10	1971	788.16	783.48	1106.36	1533.77	601.11	1276.01	1668.24	1804.50	1365.14	873.46	790.20	13866.42
11	1972	786.68	780.68	773.48	1623.22	578.74	575.37	1583.98	1804.50	1804.50	1282.99	1079.51	13949.43
12	1973	789.99	789.26	1032.96	1578.03	701.86	1276.01	1638.97	1804.50	1405.44	1078.95	787.89	14139.85
13	1974	782.13	775.57	767.27	1551.42	581.88	1103.91	1601.38	1804.50	1727.65	872.65	788.43	13632.80
14	1975	784.70	776.70	766.27	1557.21	581.52	783.59	1222.52	1804.50	1322.49	955.44	788.11	12619.09
15	1976	783.12	778.20	846.66	1560.63	577.77	1276.01	1619.42	1804.50	1284.03	1161.50	789.08	13756.90
16	1977	785.10	779.46	771.78	1586.78	582.99	1243.17	1501.97	1721.86	1484.54	996.91	831.13	13561.67
17	1978	787.03	784.30	932.35	1581.14	582.56	937.56	1496.66	1804.50	1201.57	781.15	748.37	12933.18
18	1979	785.42	722.45	713.94	1201.00	580.04	622.03	1548.71	1804.50	1323.30	778.48	743.26	12041.11
19	1980	714.79	704.90	693.61	988.89	594.69	581.85	1378.45	1804.50	1200.38	790.44	788.55	11044.68
20	1981	783.74	778.32	885.42	1568.85	589.74	1220.14	1623.98	1804.50	1746.37	1606.72	831.98	14735.75
21	1982	784.30	778.04	810.18	1602.25	578.83	892.87	1559.16	1804.50	1804.50	1038.11	830.78	13761.51
22	1983	789.30	790.38	1033.41	1586.31	583.76	575.97	1553.39	1804.50	1804.50	1644.71	788.39	13681.81
23	1984	828.40	786.82	1011.59	1570.35	669.15	1276.01	1285.44	1804.50	1804.50	873.36	788.43	13972.53
24	1985	782.00	773.68	766.59	1564.88	580.96	659.62	1276.01	1804.50	1201.40	1485.69	786.01	13224.23
25	1986	782.85	782.74	926.16	1561.87	781.82	1276.01	1502.92	1804.50	1683.26	912.32	786.60	14077.03
26	1987	780.40	772.94	763.13	1339.59	631.76	620.51	596.00	1804.50	1600.15	951.88	785.74	12069.23
27	1988	775.14	764.11	752.01	1288.39	615.80	592.76	1276.01	1804.50	1405.35	765.93	713.94	12376.82
28	1989	680.62	674.52	669.43	985.85	612.47	907.48	944.19	785.25	1271.50	706.47	436.34	9339.49
TOTAL		21809.66	21537.98	23186.02	41675.30	17466.06	27017.49	33187.44	41593.84	49129.47	41679.65	29592.48	22289.85
AVE		778.92	769.21	828.07	1488.40	623.79	964.91	1185.27	1485.49	1754.62	1488.56	1054.87	794.07
MAX		872.00	790.38	1106.36	1623.22	808.95	1276.01	1668.24	1804.50	1804.50	1723.63	1079.51	14735.75
MIN		680.62	674.52	669.43	985.85	577.34	575.37	596.00	645.45	785.20	706.47	436.34	9339.49

Result of Capacity Duration
(The Da river system case-2 Hoa Binh - project)

NO.	DATE	P	NO.	DATE	P	NO.	DATE	P	NO.	DATE	P	NO.	DATE	P	NO.	DATE	P	NO.	DATE	P	NO.	DATE	P	
1	6209	1804.5	61	8304	1586.3	121	8107	1276.0	181	7411	872.7	241	6802	782.6	301	8903	669.4	361	0.0	0.0	0.0	0.0	0.0	0.0
2	6409	1804.5	62	7208	1584.0	122	6607	1276.0	182	6201	872.0	242	7401	782.1	302	8405	669.1	362	0.0	0.0	0.0	0.0	0.0	0.0
3	6609	1804.5	63	7804	1581.1	123	8207	1276.0	183	6512	871.4	243	8501	782.0	303	8506	659.6	363	0.0	0.0	0.0	0.0	0.0	0.0
4	6810	1804.5	64	7304	1578.0	124	6906	1276.0	184	6803	852.2	244	8605	781.8	304	8908	645.4	364	0.0	0.0	0.0	0.0	0.0	0.0
5	6809	1804.5	65	6904	1571.0	125	6707	1276.0	185	7603	846.7	245	7811	781.1	305	8705	631.8	365	0.0	0.0	0.0	0.0	0.0	0.0
6	6810	1804.5	66	6504	1570.3	126	8406	1276.0	186	8112	832.0	246	6402	780.8	306	7908	622.0	366	0.0	0.0	0.0	0.0	0.0	0.0
7	7009	1804.5	67	8404	1570.3	127	8407	1276.0	187	7712	831.8	247	7202	780.7	307	8706	620.5	367	0.0	0.0	0.0	0.0	0.0	0.0
8	7109	1804.5	68	8104	1568.9	128	8507	1276.0	188	8212	830.8	248	8701	780.6	308	8805	615.8	368	0.0	0.0	0.0	0.0	0.0	0.0
9	7210	1804.5	69	8504	1564.9	129	8606	1276.0	189	8401	828.4	249	6912	780.0	309	8905	612.5	369	0.0	0.0	0.0	0.0	0.0	0.0
10	7409	1804.5	70	8604	1561.9	130	8606	1276.0	190	8203	810.2	250	6802	779.9	310	7105	601.1	370	0.0	0.0	0.0	0.0	0.0	0.0
11	7509	1804.5	71	7604	1560.6	131	8607	1276.0	191	6605	808.9	251	7911	778.5	311	8707	594.7	371	0.0	0.0	0.0	0.0	0.0	0.0
12	7809	1804.5	72	8208	1559.2	132	6206	1276.0	192	6508	804.2	252	7911	778.5	312	8806	592.8	372	0.0	0.0	0.0	0.0	0.0	0.0
13	8210	1804.5	73	7504	1557.4	133	6406	1276.0	193	8007	803.6	253	6701	778.4	313	8806	592.8	373	0.0	0.0	0.0	0.0	0.0	0.0
14	8410	1804.5	74	8308	1553.4	134	8807	1276.0	194	8011	790.4	254	8102	778.3	314	8706	590.9	374	0.0	0.0	0.0	0.0	0.0	0.0
15	6709	1804.5	75	7404	1551.4	135	6907	1276.0	195	8302	790.2	255	7602	778.2	315	8105	589.7	375	0.0	0.0	0.0	0.0	0.0	0.0
16	6909	1804.5	76	7908	1548.7	136	8910	1271.5	196	7112	790.2	256	8202	778.0	316	6305	587.4	376	0.0	0.0	0.0	0.0	0.0	0.0
17	7209	1804.5	77	7004	1546.9	137	6304	1243.1	197	7301	790.0	257	6902	777.6	317	8305	583.8	377	0.0	0.0	0.0	0.0	0.0	0.0
18	7309	1804.5	78	8508	1542.9	138	7706	1243.2	198	6812	789.4	258	7502	776.7	318	7705	583.0	378	0.0	0.0	0.0	0.0	0.0	0.0
19	7609	1804.5	79	7104	1533.8	139	6710	1240.4	200	8301	789.3	260	7402	775.6	320	6905	582.6	380	0.0	0.0	0.0	0.0	0.0	0.0
20	7909	1804.5	80	8808	1528.9	140	7010	1240.4	200	8301	789.3	260	7402	775.6	320	6905	582.6	381	0.0	0.0	0.0	0.0	0.0	0.0
21	8009	1804.5	81	6509	1527.7	141	7508	1222.6	201	7302	789.3	261	7301	775.1	321	7805	582.6	381	0.0	0.0	0.0	0.0	0.0	0.0
22	8109	1804.5	82	8608	1526.9	142	8106	1220.1	202	7612	789.1	262	7001	774.4	322	7405	581.9	382	0.0	0.0	0.0	0.0	0.0	0.0
23	8209	1804.5	83	7708	1526.0	143	6308	1216.2	203	8012	788.6	264	7203	773.5	324	7505	581.5	384	0.0	0.0	0.0	0.0	0.0	0.0
24	8310	1804.5	84	6208	1526.0	144	6210	1202.2	204	8412	788.4	264	7203	773.5	324	7505	581.5	384	0.0	0.0	0.0	0.0	0.0	0.0
25	8409	1804.5	85	7808	1498.7	145	7810	1201.6	205	7412	788.4	266	6403	771.8	326	6505	580.9	386	0.0	0.0	0.0	0.0	0.0	0.0
26	8509	1804.5	86	6704	1499.0	146	8510	1201.4	206	6712	788.4	266	6403	771.8	326	6505	580.9	386	0.0	0.0	0.0	0.0	0.0	0.0
27	8609	1804.5	87	8511	1485.7	147	8010	1200.4	208	6307	788.3	268	6805	771.8	328	8205	578.8	388	0.0	0.0	0.0	0.0	0.0	0.0
28	8809	1804.5	88	7710	1484.5	148	7611	1181.5	209	6205	788.3	269	6603	771.4	329	7005	578.7	389	0.0	0.0	0.0	0.0	0.0	0.0
29	8309	1804.5	89	8708	1482.4	149	7103	1106.4	210	6202	788.2	270	6702	770.3	330	7205	578.7	390	0.0	0.0	0.0	0.0	0.0	0.0
30	8709	1804.5	90	7310	1405.4	150	7406	1103.9	211	7101	788.1	272	7002	770.0	332	7605	577.8	392	0.0	0.0	0.0	0.0	0.0	0.0
31	8309	1791.7	91	8810	1403.3	151	7212	1079.5	212	7512	788.1	272	7002	770.0	332	7605	577.8	392	0.0	0.0	0.0	0.0	0.0	0.0
32	8110	1766.4	92	8310	1378.4	153	7311	1078.9	213	7312	787.9	274	7403	763.1	334	8306	576.0	394	0.0	0.0	0.0	0.0	0.0	0.0
33	6410	1763.8	93	8008	1378.4	154	8305	1053.4	214	6401	787.7	275	8503	766.6	335	7206	575.4	395	0.0	0.0	0.0	0.0	0.0	0.0
34	6510	1763.0	94	7110	1365.0	155	8211	1038.1	215	6412	787.0	276	7503	766.5	336	8912	456.3	396	0.0	0.0	0.0	0.0	0.0	0.0
35	7410	1723.6	95	8704	1339.6	156	6611	1036.5	216	7801	787.0	276	7503	766.5	336	8912	456.3	396	0.0	0.0	0.0	0.0	0.0	0.0
36	6511	1723.6	96	6811	1324.8	156	6611	1036.5	216	8402	786.8	277	8811	765.9	337	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	7709	1721.9	97	7910	1323.3	157	7012	1033.6	217	8402	786.8	277	8811	765.9	337	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	8610	1683.3	98	7510	1322.5	158	7303	1013.0	219	7201	786.3	280	7003	762.4	340	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	6408	1668.2	99	8804	1286.4	159	6508	1012.1	219	8201	786.3	280	7003	762.4	340	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	6908	1668.2	100	7410	1284.0	160	8403	1011.6	220	8201	786.3	280	7003	762.4	340	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	6908	1668.2	101	8408	1283.4	161	7111	996.9	221	6601	786.0	282	8512	761.1	342	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42	7008	1668.2	102	7211	1283.0	162	6910	995.5	222	8512	786.0	282	8512	761.1	342	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	7108	1668.2	103	7007	1276.0	163	6711	995.2	223	8712	785.8	283	8803	752.0	343	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	6408	1668.2	104	6507	1276.0	164	6411	994.7	224	6911	785.7	284	7812	748.4	344	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	6408	1668.2	105	6807	1276.0	165	8004	988.9	225	6801	785.5	285	7912	748.4	344	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	7308	1639.0	106	7106	1276.0	166	8904	983.9	226	6612	785.4	286	6301	741.4	346	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	8108	1624.0	107	6107	1276.0	167	6203	975.9	227	7011	785.4	287	6302	735.4	348	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	7208	1623.2	108	6507	1276.0	168	7806	957.6	228	6211	785.4	288	6303	728.2	348	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	7408	1619.4	109	7807	1276.0	169	7511	955.4	229	8909	785.2	289	7901	725.4	349	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	6404	1617.2	110	7006	1276.0	170	8711	951.9	230	7701	785.1	290	7902	722.4	350	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51	6404	1608.6	111	7306	1276.0	171	6906	947.1	231	7501	784.7	291	7903	715.9	351	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52	6604	1607.9	112	7307	1276.0	172	8907	944.2	232	6901	784.5	292	8001	714.8	352	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53	8111	1606.7	113	7407	1276.0	173	7803	935.3	233	7802	784.3	293	8812	713.9	353	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54	6311	1604.1	114	7507	1276.0	174	8603	928.2	234	6501	783.9	294	8307	707.2	354	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55	8204	1602.3	115	6806	1276.0	175	8411	913.3																

Result of Reservoir Operation
 (The Da river system case-2 Hoa Binh - project)



Result of Monthly Energy Calculation
(The Da river system case-3 Hanoi Quan - project)

NO. YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	< TOTAL >
1 1962	150.21	134.05	146.77	140.74	144.65	334.95	517.26	526.57	348.64	210.42	146.05	150.05	2950.37
2 1963	148.84	133.26	145.23	138.45	142.10	342.94	505.15	510.01	189.20	150.92	144.90	147.86	2718.47
3 1964	145.17	132.98	139.66	135.23	133.89	130.19	402.37	337.40	261.72	180.45	290.85	150.36	2167.73
4 1965	149.17	132.98	145.01	138.16	141.53	425.11	523.92	490.07	232.87	270.67	145.95	149.75	3005.20
5 1966	148.06	131.98	143.92	137.22	140.28	425.41	523.78	523.78	203.63	270.51	203.75	150.83	3008.54
6 1967	149.75	133.73	145.86	138.78	139.43	459.99	527.70	529.17	305.59	151.22	145.73	149.04	3230.94
7 1968	147.00	135.48	142.88	135.05	137.74	436.05	515.17	529.17	247.31	150.97	145.11	148.41	3209.44
8 1969	146.40	130.30	141.90	135.47	139.40	482.06	515.17	520.78	363.21	210.35	174.54	150.26	3109.84
9 1970	148.45	132.12	143.74	136.44	138.80	440.93	474.12	526.48	218.37	150.82	145.34	149.00	3046.63
10 1971	147.11	131.11	142.71	135.68	138.80	440.93	474.12	526.48	218.37	150.82	145.34	149.00	3046.63
11 1972	148.03	136.65	143.79	136.97	138.16	451.58	511.53	459.51	406.77	151.17	145.73	149.49	3260.40
12 1973	146.32	130.11	141.58	134.37	133.61	434.04	466.60	480.11	319.84	253.43	145.36	148.43	3250.78
13 1974	148.60	132.62	145.22	139.81	138.16	434.04	466.60	480.11	319.84	253.43	145.36	148.43	3250.78
14 1975	146.54	130.15	141.31	134.06	137.50	503.25	525.49	519.62	421.35	165.49	145.63	148.79	3289.47
15 1976	146.95	135.50	142.32	135.62	141.16	468.55	519.49	521.15	504.23	285.41	145.59	148.86	3387.93
16 1977	148.84	132.87	145.18	138.67	144.70	357.12	508.31	529.17	290.86	180.26	140.01	150.49	2856.99
17 1978	148.07	131.89	143.57	136.93	140.28	350.02	520.75	524.87	189.10	180.40	145.76	149.31	2740.95
18 1979	147.86	132.10	143.98	136.69	141.90	213.05	494.77	524.27	406.69	180.44	145.47	148.58	2813.79
19 1980	146.42	135.02	141.96	134.84	137.34	253.13	499.97	515.26	512.10	151.03	145.16	148.02	2920.45
20 1981	145.57	129.13	140.10	132.62	135.13	331.34	524.87	517.12	319.82	210.43	144.55	147.40	2262.23
21 1982	145.41	129.60	140.59	133.65	138.63	379.00	524.87	517.12	319.82	210.43	144.55	147.40	2262.23
22 1983	148.78	132.64	144.82	137.85	140.88	137.57	347.98	518.55	348.62	180.39	146.18	150.21	2534.27
23 1984	148.45	136.89	144.19	137.11	139.41	135.25	370.91	370.91	450.19	210.54	146.28	150.26	2313.77
24 1985	148.28	131.92	143.45	136.78	137.77	512.10	518.95	390.18	333.95	270.41	145.74	148.93	3078.45
25 1986	146.77	130.49	141.85	134.80	137.58	136.16	234.33	523.44	406.81	150.83	159.68	150.28	2453.21
26 1987	146.45	132.06	143.59	137.55	138.88	487.63	522.85	285.50	247.14	150.95	145.23	148.26	2857.89
27 1988	146.08	134.58	140.79	133.30	134.84	130.29	141.18	236.80	218.26	210.48	145.99	149.63	1922.03
28 1989	147.60	131.37	142.95	135.83	140.46	138.54	439.26	529.17	450.11	153.13	71.03	57.91	2537.35
TOTAL	4133.2	3713.3	4007.8	3815.5	5485.9	8809.7	11969.9	13253.7	9199.5	5300.2	4277.8	4091.0	78037.5
AVE	147.61	132.62	143.14	136.27	195.92	314.63	427.50	473.35	328.55	189.29	152.78	146.11	2787.77
MAX	150.21	136.89	146.77	140.74	144.05	512.10	529.17	529.17	512.10	285.41	290.85	150.83	3387.93
MIN	145.17	129.13	139.66	132.23	133.89	130.19	141.18	236.80	189.10	150.70	71.03	57.91	1922.03

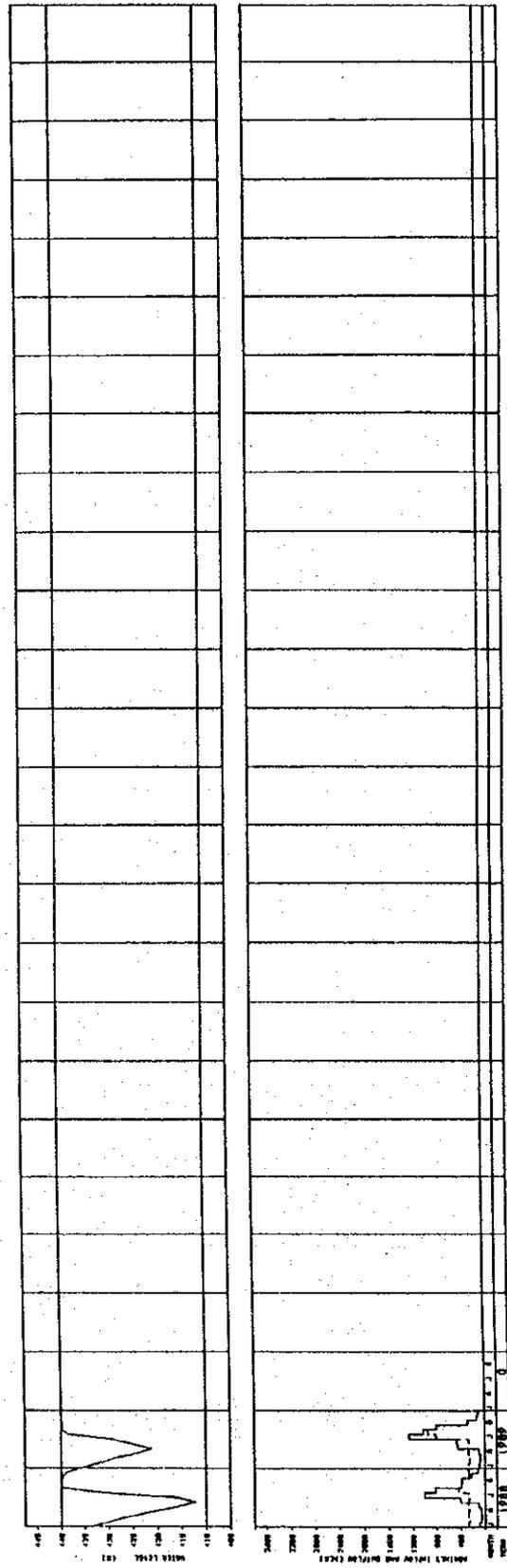
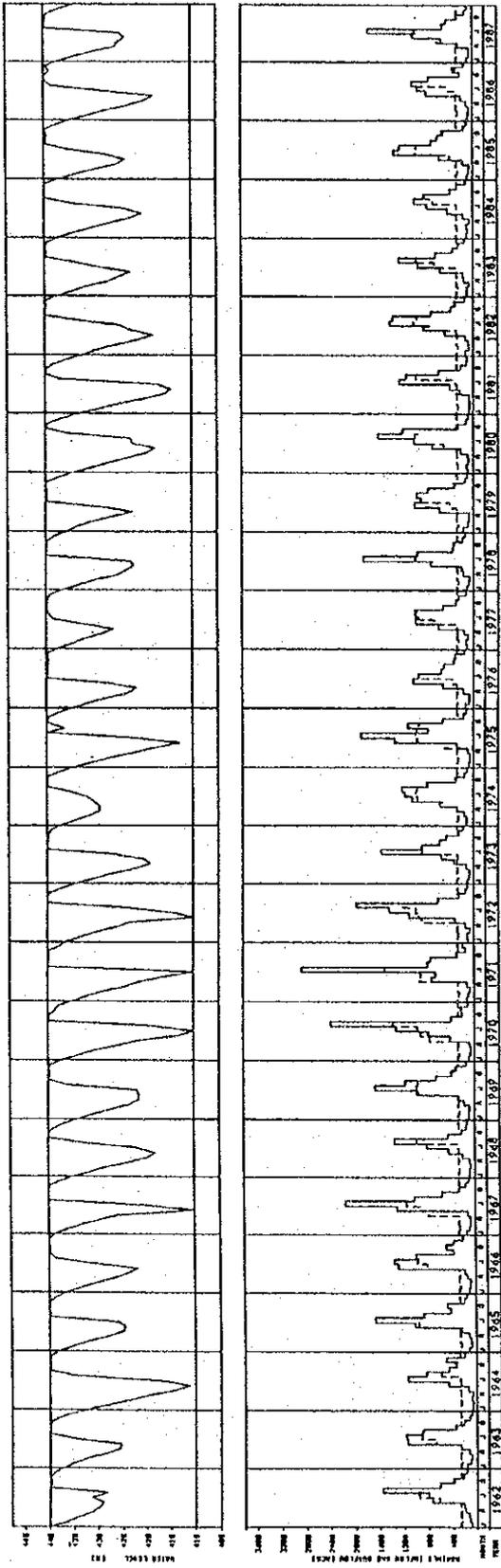
* MONTHLY TOTAL ENERGY (GMW) *

Result of Monthly Capacity
(The Da river system case-3 Huoi Quan - project)

* MONTHLY PEAK POWER (MW) *

NO.	YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	< TOTAL >
1	1962	201.90	199.47	197.26	195.48	194.43	465.21	695.24	707.76	484.23	282.83	202.85	201.69	4028.34
2	1963	200.06	198.04	195.20	192.29	190.99	450.08	678.96	685.49	262.78	202.85	201.25	198.47	3710.46
3	1964	195.12	191.46	187.71	183.65	179.96	180.88	191.36	440.05	363.59	242.54	403.96	203.36	2982.48
4	1965	200.50	197.89	194.90	191.89	190.23	687.66	704.56	645.25	323.44	363.44	202.72	201.27	4103.74
5	1966	199.00	196.39	193.44	190.59	188.55	590.84	711.25	704.00	282.83	363.59	282.98	203.73	4106.20
6	1967	201.27	199.00	195.05	192.74	190.99	638.87	709.28	711.25	424.83	203.25	202.41	200.33	4408.94
7	1968	197.58	194.66	191.21	187.56	185.14	186.18	210.93	711.25	343.49	203.91	201.99	199.47	3011.87
8	1969	196.78	193.89	190.72	188.16	185.78	669.53	692.44	699.98	504.46	282.72	242.41	201.97	4250.42
9	1970	196.53	196.60	193.21	189.52	187.83	612.40	637.26	707.64	303.29	203.72	201.86	200.27	4156.12
10	1971	197.72	195.11	191.82	188.44	186.44	610.47	687.54	585.37	564.96	203.19	202.40	200.92	4451.66
11	1972	199.97	196.34	193.26	190.24	188.31	627.20	660.63	711.25	464.71	203.08	201.89	199.50	4459.87
12	1973	199.67	193.62	190.03	186.62	185.70	188.95	627.15	643.30	444.22	343.32	202.83	201.81	3606.22
13	1974	199.73	197.35	195.19	194.18	192.75	698.97	706.50	698.41	585.21	222.43	202.26	199.99	4467.75
14	1975	198.99	193.68	189.94	186.20	184.01	650.77	698.24	700.32	583.62	202.21	200.07	200.07	4628.53
15	1976	197.51	194.69	191.16	188.35	186.73	255.56	685.22	403.76	383.50	242.28	222.24	202.27	3356.28
16	1977	200.06	197.73	195.14	192.60	190.48	496.00	683.22	711.25	403.97	222.18	202.83	201.52	3900.97
17	1978	199.02	196.26	192.97	190.18	188.55	486.13	699.93	705.48	262.64	242.47	202.45	200.68	3766.77
18	1979	198.73	196.57	193.52	189.85	190.72	295.90	665.02	704.66	564.85	242.53	202.05	199.70	3844.10
19	1980	196.80	194.00	190.80	187.27	184.86	351.57	672.00	692.56	711.25	203.00	201.61	198.95	3984.68
20	1981	195.66	192.15	188.31	184.19	181.62	182.42	210.56	711.25	444.27	202.55	200.77	198.12	3091.86
21	1982	195.45	192.55	188.96	185.63	183.32	524.38	704.67	695.05	545.02	282.84	222.33	202.32	4127.54
22	1983	199.97	197.38	194.39	191.44	189.36	191.07	467.72	696.98	484.20	242.45	203.03	201.89	3459.89
23	1984	199.53	196.69	193.81	190.43	187.37	187.85	193.94	498.53	625.27	282.98	203.16	201.97	3161.52
24	1985	199.30	196.31	192.82	189.97	187.52	711.25	697.51	524.43	463.82	363.45	201.78	200.18	4207.26
25	1986	197.27	194.18	190.66	187.23	184.92	189.11	315.23	703.55	565.01	202.73	221.44	199.28	3353.64
26	1987	199.53	196.52	193.00	190.76	188.44	677.26	702.76	383.74	343.25	202.88	201.71	199.28	3905.86
27	1988	186.34	193.08	189.23	185.14	181.24	180.94	189.75	318.28	303.14	282.91	202.74	201.12	2623.94
28	1989	198.38	195.49	192.14	188.65	188.79	192.42	590.40	711.25	625.15	205.82	98.65	77.84	3464.98
TOTAL		5385.37	5477.08	5386.82	5299.27	7373.49	12235.78	16088.55	17814.17	12777.15	7123.91	5941.37	5498.66	106571.56
AVE		198.41	195.61	192.39	189.26	283.34	436.99	574.59	636.22	456.33	254.43	212.19	196.38	3806.13
MAX		201.90	199.47	197.26	195.48	194.43	711.25	711.25	711.25	711.25	383.62	403.96	202.73	4628.53
MIN		195.12	191.46	187.71	185.65	179.96	180.82	189.75	318.28	262.64	202.55	98.65	77.84	2623.94

Result of Reservoir Operation
 (The Da river system case-3 Huoi Quan - project)



Result of Monthly Energy Calculation
(The Da river system case-3 Son La(S) - project)

* MONTHLY TOTAL ENERGY (GWH) *

NO. YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	< TOTAL >
1 1962	594.39	526.88	562.33	515.67	664.90	1347.32	1662.09	1676.11	1015.37	753.57	456.87	384.53	10160.03
2 1963	580.29	522.88	500.27	487.98	434.63	391.09	481.08	1453.71	1016.09	987.61	1134.59	595.09	8565.32
3 1964	584.99	530.57	542.05	495.00	492.21	1082.80	1629.12	1676.11	1621.40	983.19	644.00	594.43	10885.84
4 1965	583.79	511.07	540.44	493.27	476.06	486.56	1609.30	1676.11	951.96	1284.75	1190.16	730.00	10533.47
5 1966	590.74	523.07	558.09	512.00	695.14	1227.55	1666.57	1676.11	1622.05	1404.88	708.21	595.01	11780.06
6 1967	582.23	539.67	538.36	491.21	484.35	442.58	1020.12	1676.11	1358.87	958.35	708.05	591.90	9284.84
7 1968	587.78	538.73	557.05	520.65	689.71	1141.26	1574.98	1676.11	1622.05	1403.32	890.09	591.90	11313.60
8 1969	579.87	505.44	530.27	476.10	456.18	586.31	1347.43	1676.11	1305.90	730.84	575.73	585.34	9355.71
9 1970	567.33	491.21	513.14	460.12	475.32	1180.88	1604.66	1676.11	1670.51	795.74	575.02	792.88	10602.71
10 1971	590.73	519.28	552.17	499.58	490.07	1267.32	1590.88	1676.11	1622.05	924.63	582.26	589.78	10904.85
11 1972	571.99	513.03	517.31	465.92	457.37	465.51	1520.27	1666.88	1412.46	1228.18	955.23	861.05	10432.18
12 1973	591.27	520.08	529.52	520.11	531.90	1216.99	1676.11	1676.11	1622.05	983.63	767.99	591.80	11255.14
13 1974	578.68	504.24	529.52	478.03	462.35	695.61	1528.40	1676.11	1622.05	1110.82	577.91	591.41	10355.10
14 1975	578.03	505.95	532.79	486.86	492.25	522.54	1494.20	1403.83	1134.74	861.05	708.56	594.01	9314.80
15 1976	581.89	530.06	546.14	500.98	614.82	1170.06	1432.52	1676.11	1572.70	923.00	770.93	594.82	10914.01
16 1977	584.69	512.26	542.26	497.85	489.28	824.23	1456.28	1676.11	1015.86	1049.08	644.18	589.80	9875.48
17 1978	579.42	509.93	537.67	485.14	489.28	802.62	1607.43	1676.11	1468.58	672.48	411.68	294.45	9534.79
18 1979	563.88	505.42	527.96	472.94	437.94	395.90	896.87	1518.06	1622.05	914.45	436.77	344.49	8636.73
19 1980	542.70	526.48	530.92	475.50	447.80	401.73	480.42	1451.73	1190.88	858.76	572.05	576.71	10935.09
20 1981	555.68	477.70	493.09	435.75	441.25	815.18	1375.74	1676.11	1622.05	1109.51	1131.78	601.27	10374.98
21 1982	591.70	521.92	555.35	512.07	495.41	621.36	1402.88	1676.11	1622.04	1228.87	707.52	593.69	10935.09
22 1983	583.03	510.15	542.19	494.25	470.42	431.57	467.36	1601.14	1622.05	986.99	1248.21	600.60	9557.94
23 1984	592.23	539.52	550.65	501.48	504.44	1034.89	1676.11	1516.22	1569.85	1290.44	577.39	588.34	10941.54
24 1985	570.90	495.27	518.43	466.74	449.82	464.53	1562.65	1676.11	1622.05	858.05	1126.76	594.47	10405.67
25 1986	587.76	514.65	543.43	499.51	509.38	1122.43	1676.11	1676.11	1524.27	1288.37	576.24	590.14	11108.41
26 1987	574.72	500.47	524.19	472.22	439.36	398.17	488.59	1406.36	1462.41	1046.45	832.04	591.97	8738.75
27 1988	577.85	520.70	588.21	477.16	477.53	460.95	1356.76	1659.17	1622.05	839.00	572.11	574.72	9548.19
28 1989	554.54	475.93	494.52	441.66	421.54	436.01	546.04	1108.03	1014.53	861.97	485.83	310.11	7150.71
TOTAL	16202.9	14339.9	14990.5	13615.7	13984.6	21480.9	36930.5	44955.1	39794.7	28239.7	20568.1	16138.8	281240.9
AVE	578.67	512.14	535.37	486.27	499.45	767.17	1318.95	1605.54	1421.24	1008.56	734.58	576.39	10044.32
MAX	594.39	539.52	582.33	520.65	695.14	1347.32	1676.11	1676.11	1622.05	1406.88	1248.21	861.05	11813.60
MIN	542.70	475.93	493.09	435.75	421.54	391.09	467.36	1108.03	951.96	672.48	411.68	294.45	7150.71

Result of Monthly Capacity
(The Da river system case-3 Son La(S) - project)

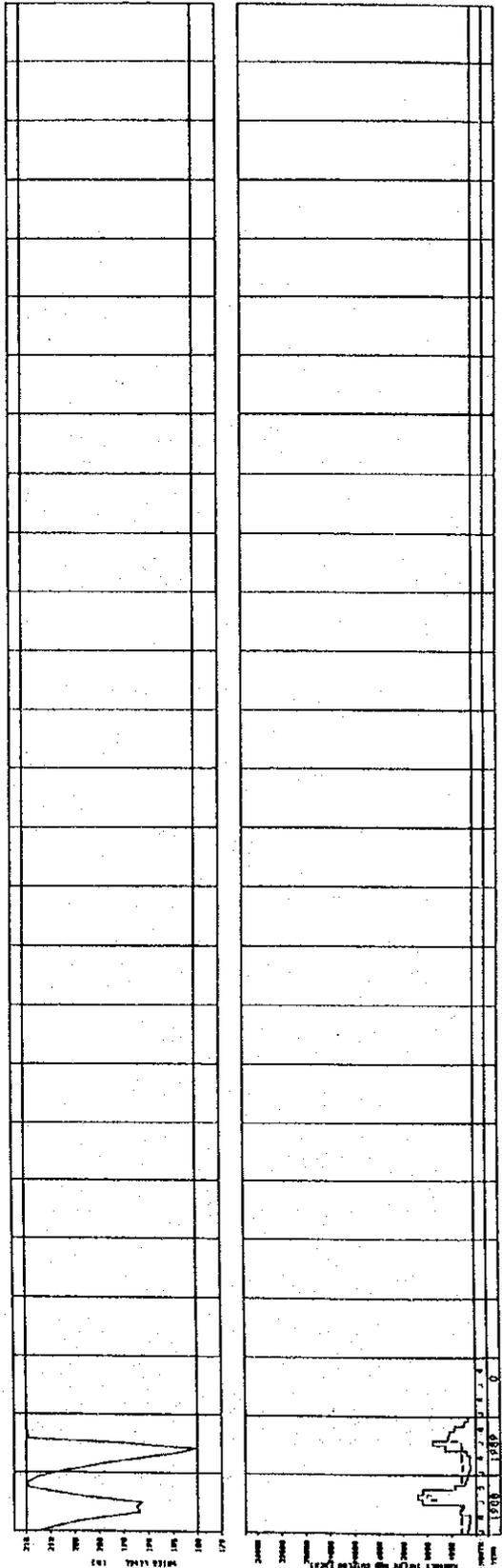
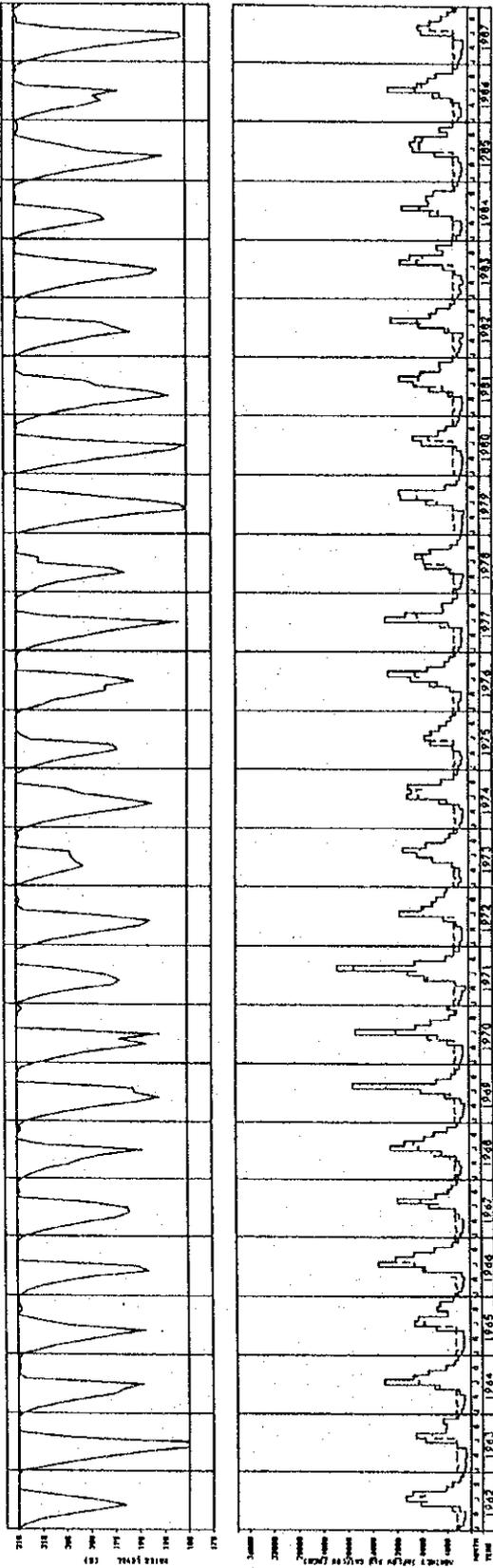
* MONTHLY PEAK POWER (MW) *

NO. YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	< TOTAL >
1 1962	788.92	784.05	755.81	716.21	893.68	1871.28	2234.00	2252.84	1410.24	1012.87	634.54	516.84	13881.27
2 1963	779.96	744.45	702.80	649.97	584.18	543.17	646.62	1953.91	1411.23	1327.44	1575.83	789.86	11719.42
3 1964	786.28	762.31	728.57	687.49	661.57	1517.77	2189.68	2252.84	2251.94	1321.49	894.43	789.96	14853.34
4 1965	786.66	760.51	726.39	685.10	639.87	675.78	2163.84	2252.84	1322.17	1726.82	1653.00	981.19	14371.36
5 1966	784.00	778.38	750.11	711.11	934.33	1704.93	2240.01	2252.84	2252.84	1890.97	983.40	798.17	16091.08
6 1967	782.56	758.43	723.60	682.23	651.00	642.47	1371.13	2252.84	1887.32	1153.42	836.23	789.74	12688.36
7 1968	790.02	774.04	748.72	723.12	927.03	1612.86	2116.91	2252.84	1886.18	1236.23	795.57	795.57	16116.36
8 1969	779.40	752.14	712.73	661.25	613.15	1811.32	2111.06	2252.84	1813.75	982.31	799.62	787.02	12779.58
9 1970	783.27	730.97	699.70	639.06	638.88	1640.11	2156.80	2252.84	2042.38	1069.54	798.64	1045.70	14486.87
10 1971	783.99	772.74	742.17	693.87	658.70	1740.10	2138.28	2252.84	2252.84	1242.78	808.70	792.71	14909.76
11 1972	788.81	737.11	695.31	647.11	614.74	642.37	2043.38	2252.84	1961.75	1450.78	1326.70	1157.33	14485.80
12 1973	784.72	773.93	748.79	722.38	714.92	1690.26	2252.84	2252.84	2252.84	1322.09	1066.65	785.43	15387.70
13 1974	777.79	750.35	711.71	663.93	621.43	966.13	2054.30	2252.84	2252.84	1493.04	802.65	794.91	14141.92
14 1975	776.93	752.90	716.11	676.19	661.63	725.75	2008.33	1886.88	1576.02	1157.33	984.11	798.40	12720.57
15 1976	782.10	761.58	714.05	695.80	826.37	1625.08	1925.43	2252.84	2184.31	1240.59	1070.74	799.49	14898.39
16 1977	785.88	782.30	728.84	691.45	649.04	1144.77	1957.37	2252.84	1430.92	1410.05	894.69	792.74	13480.88
17 1978	778.79	758.83	722.68	673.81	657.84	1114.76	1860.52	2252.84	2039.70	903.87	571.78	395.77	13030.96
18 1979	757.90	752.11	709.63	650.87	588.63	549.86	1205.47	2040.41	2252.84	1259.10	606.63	483.03	11812.46
19 1980	729.43	756.43	713.61	660.42	601.89	557.96	645.72	1951.25	1653.99	1154.25	794.52	775.15	10994.59
20 1981	764.89	710.86	662.75	605.21	593.03	1132.19	2117.93	2252.84	2252.84	1491.28	1571.92	808.16	14945.94
21 1982	785.30	776.67	746.44	711.21	666.15	843.00	1885.60	2252.84	2038.75	1651.71	982.67	797.96	14168.28
22 1983	783.64	759.15	728.76	686.45	632.28	599.40	628.17	2152.07	2252.84	1326.60	1733.63	807.26	13090.26
23 1984	796.00	775.17	740.12	696.50	678.01	1437.34	2252.84	2037.93	2180.35	1734.46	801.93	790.77	14921.43
24 1985	737.34	737.01	696.81	648.24	604.73	645.18	2100.07	2252.84	2252.84	1153.29	1564.95	799.02	14222.33
25 1986	790.00	765.85	730.42	693.77	684.65	1538.93	2252.84	2252.84	2117.05	1731.68	800.34	793.20	15171.56
26 1987	772.68	744.75	707.25	653.86	590.54	533.02	656.44	1890.27	2031.12	1404.52	1155.61	795.66	11959.50
27 1988	776.88	748.13	709.96	682.72	641.84	640.21	1689.19	2230.07	2252.84	1127.69	794.60	775.16	13849.08
28 1989	745.35	708.23	664.67	613.41	566.59	605.57	733.92	1489.29	1409.07	1138.57	674.77	416.82	9786.26
TOTAL	21778.04	21149.36	20148.48	18910.72	18796.50	29834.61	49637.84	60423.61	53270.44	37956.68	28566.84	21692.01	384164.69
AVE	777.79	755.33	719.59	675.38	671.30	1045.52	1772.78	2157.99	1973.94	1355.60	1020.24	774.71	13720.16
MAX	798.92	784.05	755.81	723.12	934.33	1871.28	2252.84	2252.84	2252.84	1890.97	1733.63	1157.33	16116.36
MIN	729.43	708.23	662.75	605.21	566.59	543.17	628.17	1489.29	1322.17	903.87	571.78	395.77	9786.26

Result of Capacity Duration
 (The Da river system case-3 Son La(S) - project)

NO.	DATE	P	NO.	DATE	P	NO.	DATE	P	NO.	DATE	P	NO.	DATE	P	NO.	DATE	P	NO.	DATE	P	NO.	DATE	P	
1	6708	2252.8	61	8008	1951.3	121	8510	1153.3	181	6912	787.0	241	8303	728.8	301	8007	645.7	361	0.0	0.0	0.0	0.0	0.0	0.0
2	7409	2252.8	62	7607	1925.4	122	7706	1144.8	182	6401	786.3	242	6403	728.6	302	8504	645.2	362	0.0	0.0	0.0	0.0	0.0	0.0
3	7909	2252.8	63	6610	1891.0	123	8106	1132.2	183	7701	785.9	243	6503	728.4	303	6706	642.5	363	0.0	0.0	0.0	0.0	0.0	0.0
4	8709	2252.8	64	8708	1890.3	124	8810	1127.7	184	6501	784.7	244	7506	725.7	304	7206	642.4	364	0.0	0.0	0.0	0.0	0.0	0.0
5	6408	2252.8	65	6709	1887.3	125	7806	1124.8	185	6202	783.0	245	6703	723.6	305	8805	641.8	365	0.0	0.0	0.0	0.0	0.0	0.0
6	6608	2252.8	66	7508	1886.9	126	7611	1070.7	186	8301	781.0	246	6804	723.1	306	8806	640.2	366	0.0	0.0	0.0	0.0	0.0	0.0
7	6609	2252.8	67	6810	1886.2	127	7010	1069.5	187	6701	782.6	247	7803	722.7	307	6505	639.9	367	0.0	0.0	0.0	0.0	0.0	0.0
8	6809	2252.8	68	8207	1885.6	128	7311	1066.7	188	6601	782.0	248	7304	722.4	308	7004	639.1	368	0.0	0.0	0.0	0.0	0.0	0.0
9	6909	2252.8	69	6306	1871.3	129	7012	1065.7	189	6301	780.0	249	6204	716.2	309	7005	638.9	369	0.0	0.0	0.0	0.0	0.0	0.0
10	7008	2252.8	70	6909	1871.7	130	6210	1042.9	190	6901	779.4	250	7503	716.1	310	6211	634.5	370	0.0	0.0	0.0	0.0	0.0	0.0
11	7109	2252.8	71	6507	1871.1	131	7511	984.1	191	7801	778.8	251	7305	714.9	311	8305	632.3	371	0.0	0.0	0.0	0.0	0.0	0.0
12	7208	2252.8	72	7106	1760.2	132	6711	983.6	192	6602	778.4	252	8005	713.6	312	8307	628.2	372	0.0	0.0	0.0	0.0	0.0	0.0
13	7309	2252.8	73	8410	1734.5	133	6611	983.7	193	7401	777.8	253	6903	712.7	313	7405	624.4	373	0.0	0.0	0.0	0.0	0.0	0.0
14	8109	2252.8	74	8311	1733.6	134	8211	982.7	194	7501	776.9	254	7403	711.7	314	7205	614.7	374	0.0	0.0	0.0	0.0	0.0	0.0
15	8408	2252.8	75	8310	1731.7	135	6910	982.3	195	8801	776.7	255	8204	711.2	315	8904	613.4	375	0.0	0.0	0.0	0.0	0.0	0.0
16	8408	2252.8	76	6310	1728.8	136	6512	981.2	196	8202	776.7	256	6604	711.1	316	6905	613.1	376	0.0	0.0	0.0	0.0	0.0	0.0
17	8408	2252.8	77	6406	1704.9	137	7406	966.1	197	8402	775.2	257	8102	710.9	317	7911	606.6	377	0.0	0.0	0.0	0.0	0.0	0.0
18	8508	2252.8	78	7306	1690.3	138	6605	934.3	198	8812	775.2	258	7903	709.6	318	8904	605.2	378	0.0	0.0	0.0	0.0	0.0	0.0
19	8608	2252.8	79	8007	1689.2	139	6805	934.3	199	8012	775.2	259	8902	708.2	319	8104	605.2	379	0.0	0.0	0.0	0.0	0.0	0.0
20	8608	2252.8	80	8009	1654.0	140	7810	903.9	200	6802	774.0	260	8902	707.2	320	8505	604.7	380	0.0	0.0	0.0	0.0	0.0	0.0
21	7408	2252.8	81	6311	1653.0	141	7711	894.7	201	7302	773.9	261	8703	702.8	321	8005	601.9	381	0.0	0.0	0.0	0.0	0.0	0.0
22	7408	2252.8	82	8210	1651.7	142	6411	894.7	202	7102	772.7	262	6303	702.8	322	8304	599.4	382	0.0	0.0	0.0	0.0	0.0	0.0
23	7408	2252.8	83	7210	1650.8	143	6205	893.7	203	8701	772.5	263	8303	696.8	323	8105	593.1	383	0.0	0.0	0.0	0.0	0.0	0.0
24	7408	2252.8	84	7006	1640.1	144	8206	863.0	204	7201	768.8	264	8404	694.8	324	8705	590.5	384	0.0	0.0	0.0	0.0	0.0	0.0
25	8108	2252.8	85	7406	1625.1	145	7405	826.4	205	8501	767.3	265	7604	695.8	325	7905	588.6	385	0.0	0.0	0.0	0.0	0.0	0.0
26	8208	2252.8	86	6806	1612.9	146	6906	814.3	206	8402	765.9	266	7203	695.3	326	6305	584.2	386	0.0	0.0	0.0	0.0	0.0	0.0
27	8309	2252.8	87	7509	1576.0	147	7111	808.7	207	6402	763.3	267	7104	693.9	327	7811	571.8	387	0.0	0.0	0.0	0.0	0.0	0.0
28	8407	2252.8	88	6311	1575.8	148	8112	808.2	208	7702	762.3	268	8604	691.5	328	8905	566.6	388	0.0	0.0	0.0	0.0	0.0	0.0
29	8508	2252.8	89	8111	1571.9	149	8312	807.3	209	7001	762.3	269	7704	691.5	329	8006	568.0	389	0.0	0.0	0.0	0.0	0.0	0.0
30	7808	2252.8	90	8311	1564.9	150	7411	801.9	210	6502	761.6	270	7602	689.7	330	8706	563.0	390	0.0	0.0	0.0	0.0	0.0	0.0
31	7108	2252.8	91	8606	1558.9	151	8411	801.9	211	6502	760.5	271	6404	687.5	331	7906	549.9	391	0.0	0.0	0.0	0.0	0.0	0.0
32	6409	2251.9	92	6406	1517.8	152	8611	800.3	212	8302	759.2	272	8304	686.5	332	6306	543.2	392	0.0	0.0	0.0	0.0	0.0	0.0
33	7208	2240.4	93	7410	1493.0	153	6312	799.9	213	7802	758.8	273	6504	685.1	333	6212	516.8	393	0.0	0.0	0.0	0.0	0.0	0.0
34	6607	2240.0	94	8110	1491.3	154	6712	799.7	214	6702	758.4	274	8605	684.6	334	7912	435.0	394	0.0	0.0	0.0	0.0	0.0	0.0
35	6207	2234.0	95	8908	1489.3	155	6911	799.6	215	7901	757.9	275	6704	682.2	335	6912	416.8	395	0.0	0.0	0.0	0.0	0.0	0.0
36	8808	2230.1	96	8406	1437.3	156	7412	799.5	216	8002	756.4	276	8405	678.0	336	7812	395.8	396	0.0	0.0	0.0	0.0	0.0	0.0
37	6407	2189.7	97	7709	1410.9	157	8512	799.0	217	6303	755.8	277	7504	676.2	337	0.0	0.0	397	0.0	0.0	0.0	0.0	0.0	0.0
38	8409	2184.4	98	6209	1410.2	158	6412	799.0	218	7502	752.9	278	6506	675.8	338	0.0	0.0	398	0.0	0.0	0.0	0.0	0.0	0.0
39	8409	2184.4	99	6209	1410.2	159	6201	798.9	219	6902	752.1	279	8911	674.8	339	0.0	0.0	399	0.0	0.0	0.0	0.0	0.0	0.0
40	6507	2163.0	100	7710	1410.1	160	7011	798.6	220	7902	752.1	280	7804	673.8	340	0.0	0.0	400	0.0	0.0	0.0	0.0	0.0	0.0
41	7807	2160.3	101	8909	1409.1	161	7512	798.4	221	7402	750.4	281	8205	666.1	341	0.0	0.0	401	0.0	0.0	0.0	0.0	0.0	0.0
42	7007	2156.8	102	8710	1406.5	162	6612	798.2	222	6403	750.1	282	8903	664.7	342	0.0	0.0	402	0.0	0.0	0.0	0.0	0.0	0.0
43	8308	2152.1	103	6707	1371.1	163	8212	798.0	223	7303	748.8	283	7404	663.9	343	0.0	0.0	403	0.0	0.0	0.0	0.0	0.0	0.0
44	7107	2138.3	104	6310	1327.4	164	8401	796.0	224	6803	748.7	284	8103	662.8	344	0.0	0.0	404	0.0	0.0	0.0	0.0	0.0	0.0
45	8107	2117.9	105	7211	1326.7	165	6812	795.6	225	8802	748.1	285	8804	661.7	345	0.0	0.0	405	0.0	0.0	0.0	0.0	0.0	0.0
46	8609	2117.0	106	8310	1326.6	166	6812	795.6	226	8101	746.9	286	7505	661.6	346	0.0	0.0	406	0.0	0.0	0.0	0.0	0.0	0.0
47	6807	2116.9	107	6509	1322.2	167	7312	795.4	227	8203	746.4	287	6405	661.6	347	0.0	0.0	407	0.0	0.0	0.0	0.0	0.0	0.0
48	8507	2100.1	108	6410	1322.1	168	8402	795.3	228	8901	745.3	288	6904	661.3	348	0.0	0.0	408	0.0	0.0	0.0	0.0	0.0	0.0
49	7407	2054.3	109	6410	1322.1	169	7412	794.9	229	8702	744.7	289	8004	660.4	349	0.0	0.0	409	0.0	0.0	0.0	0.0	0.0	0.0
50	7207	2043.4	110	7110	1242.8	170	7011	794.7	230	6302	744.5	290	7105	658.7	350	0.0	0.0	410	0.0	0.0	0.0	0.0	0.0	0.0
51	7008	2042.4	111	7610	1240.6	171	8811	794.6	231	7103	742.2	291	7805	657.6	351	0.0	0.0	411	0.0	0.0	0.0	0.0	0.0	0.0
52	7908	2040.4	112	6811	1236.2	172	8011	794.5	232	8403	740.1	292	7904	656.9	352	0.0	0.0	412	0.0	0.0	0.0	0.0	0.0	0.0
53	8209	2039.7	113	7910	1229.5	173	6601	794.0	233	8502	737.1	293	8707	656.4	353	0.0	0.0	413	0.0	0.0	0.0	0.0	0.0	0.0
54	8209	2038.7	114	7907	1205.5	174	7101	794.0	234	8502	737.0	294	8704	655.9	354	0.0	0.0	414	0.0	0.0	0.0	0.0	0.0	0.0
55	8408	2037.9	115	8910	1158.6	175	6612	793.2	235	7403	734													

Result of Reservoir Operation
 (The Da river system case-3 Son La(S) - project)



Result of Monthly Energy Calculation

(The Driver system case-3 Hoa Binh - project)

* MONTHLY TOTAL ENERGY (GMH) *

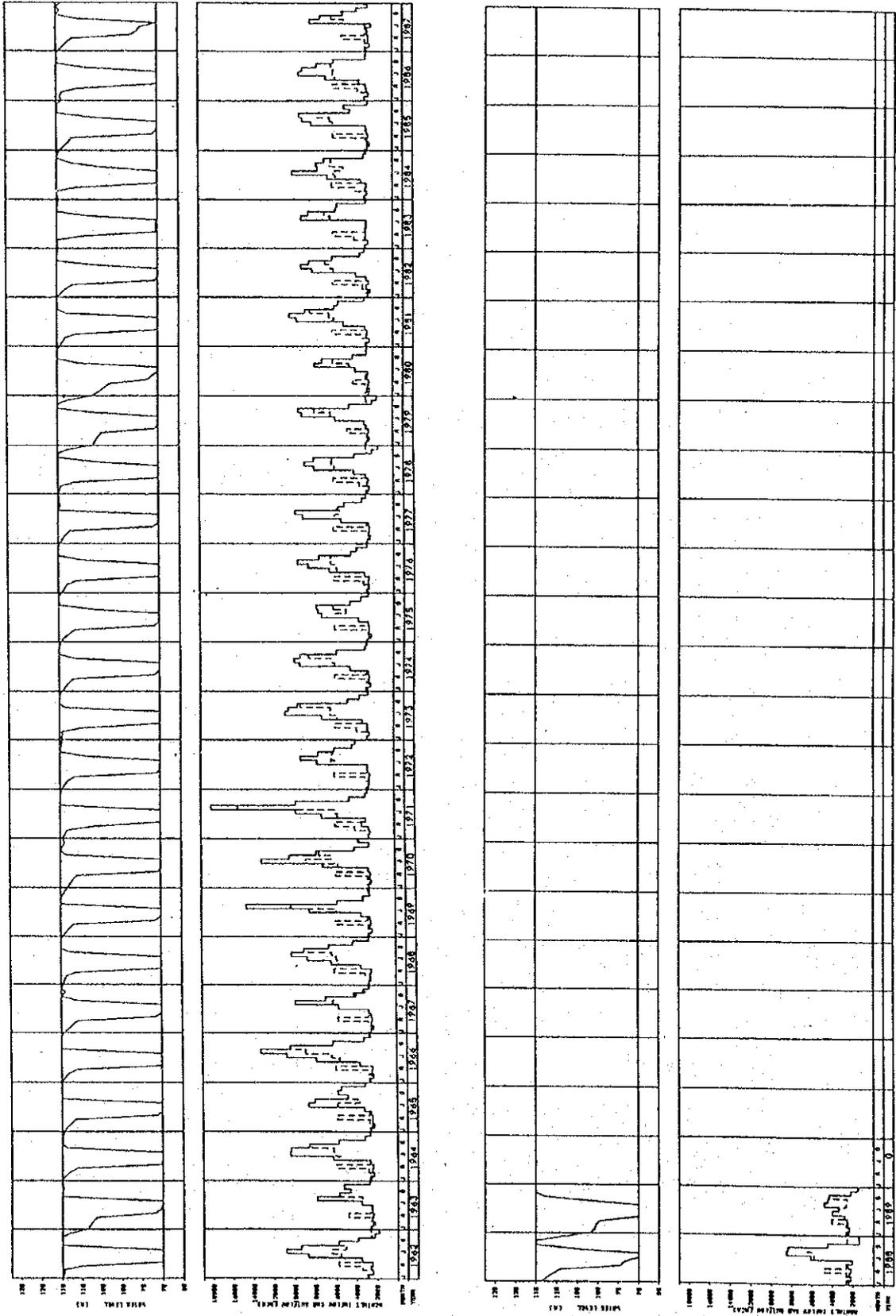
NO. YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	<TOTAL>
1	1962	679.07	552.39	781.72	1126.11	918.72	949.35	1015.36	1299.24	894.59	589.60	589.98	9982.42
2	1963	574.28	514.47	563.99	919.53	434.61	583.67	701.08	1299.24	1073.84	1183.84	619.23	8923.90
3	1964	612.31	567.79	632.13	1153.76	918.72	949.35	1237.94	1299.24	1313.01	716.16	611.79	10452.07
4	1965	608.79	545.30	596.94	1151.27	535.95	949.35	1277.49	1098.77	1314.69	1243.66	711.00	9932.06
5	1966	611.84	608.28	632.63	1152.62	918.72	949.35	1241.17	1299.24	1314.55	718.06	612.31	10628.61
6	1967	606.96	542.53	593.57	1109.61	483.56	927.84	1198.22	1299.24	1314.55	684.95	612.70	9422.09
7	1968	610.45	569.01	604.03	1161.93	918.72	949.35	1216.64	1299.24	1314.55	953.82	613.10	10873.02
8	1969	609.17	545.48	598.00	1151.59	555.25	949.35	1241.17	1299.24	1314.55	605.79	613.10	9338.61
9	1970	601.47	539.67	592.11	1136.22	918.72	949.35	1225.43	1299.24	1314.55	590.34	797.49	10021.83
10	1971	608.32	546.93	617.06	1098.39	483.56	949.35	1241.17	1299.24	1314.55	657.72	612.49	10261.60
11	1972	609.60	565.98	631.58	1144.97	437.37	949.35	1163.34	1299.24	1314.55	950.65	860.49	10399.51
12	1973	611.43	551.74	606.65	1105.95	918.72	949.35	1223.97	1299.24	1314.55	611.94	611.94	10423.00
13	1974	607.46	544.07	595.91	1137.44	711.99	949.35	1194.03	1299.24	1285.37	657.66	611.74	10046.09
14	1975	608.83	544.27	594.47	1136.92	582.02	949.35	890.74	1299.24	984.43	747.12	611.46	9399.37
15	1976	607.54	564.76	638.51	1134.17	918.72	949.35	1178.62	1299.24	955.32	836.28	612.86	10159.70
16	1977	609.77	546.79	599.42	1162.96	854.55	949.35	1042.62	1299.24	1101.28	715.80	618.23	9922.23
17	1978	612.70	551.49	732.13	1134.85	647.50	949.35	1135.62	1299.24	863.92	586.79	579.27	9564.98
18	1979	558.68	501.18	549.58	845.04	465.91	935.34	1150.30	1299.24	984.91	585.82	579.19	8905.58
19	1980	558.43	511.81	538.33	730.07	437.24	616.31	832.95	1299.24	894.59	599.12	612.40	8090.26
20	1981	608.65	545.94	687.94	1144.47	796.87	949.35	1214.04	1299.24	1314.18	1214.44	649.74	10862.31
21	1982	610.75	545.85	659.86	1139.63	606.66	949.35	1153.53	1299.24	1342.55	747.44	648.45	10146.76
22	1983	612.40	553.90	838.72	1118.80	449.55	949.35	1151.67	1299.24	1284.50	657.70	612.10	10046.94
23	1984	617.72	574.52	813.10	1139.14	918.72	949.35	906.13	1299.24	1342.55	657.70	611.28	10345.88
24	1985	606.21	541.70	594.22	1136.39	432.10	949.35	1143.61	1299.24	954.46	1069.62	610.48	9790.21
25	1986	608.01	549.10	745.17	1110.30	918.72	949.35	1097.12	1299.24	1313.10	598.40	613.33	10335.82
26	1987	607.75	543.57	594.20	996.68	466.30	949.35	907.94	1299.24	1130.98	744.34	610.28	8854.64
27	1988	602.02	555.17	584.06	948.65	478.18	949.35	1128.81	1299.24	1015.86	576.26	555.12	9138.14
28	1989	529.26	473.77	520.59	732.91	671.02	568.92	499.26	554.24	894.58	508.65	339.52	6767.06
TOTAL		16908.8	15237.4	18266.6	30162.3	13404.1	24480.1	30051.9	35401.7	30960.8	21742.6	17332.7	273084.1
AVE		603.89	544.19	652.38	1077.23	478.72	863.41	1073.28	1264.35	1103.74	776.52	619.03	9753.00
MAX		679.07	574.52	847.06	1162.96	918.72	949.35	1241.17	1299.24	1342.55	1243.66	860.49	10862.31
MIN		529.26	473.77	520.59	730.07	432.37	448.74	499.26	554.24	508.65	339.52	339.52	6767.06

Result of Monthly Capacity
(The Da river system case-3 Hoa Binh - project)

* MONTHLY PEAK POWER (MW) *

NO.	YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	< TOTAL >
1	1962	912.73	822.01	1050.70	1564.04	788.31	1276.01	1276.01	1364.73	1804.50	1202.40	818.61	792.98	13673.02
2	1963	771.88	765.58	758.06	1277.13	613.03	603.63	784.77	942.31	1804.50	1443.11	1644.32	832.30	12240.30
3	1964	822.99	815.79	849.64	1605.23	601.98	1276.01	1276.01	1650.46	1804.50	1764.80	994.67	822.29	14284.36
4	1965	818.27	811.46	802.34	1598.98	666.25	741.60	1276.01	977.81	1566.07	1766.79	1727.31	955.65	13608.53
5	1966	822.34	815.89	850.30	1600.87	808.95	1276.01	1276.01	1668.24	1804.50	1804.50	997.31	822.99	14547.90
6	1967	815.81	807.34	797.81	1541.13	698.18	616.06	1276.01	1276.01	1804.50	1277.46	951.32	822.52	12900.71
7	1968	820.50	817.54	892.51	1613.80	771.78	1276.01	1276.01	1635.26	1804.50	1804.50	1324.75	824.06	14861.18
8	1969	818.78	811.73	803.76	1599.44	698.08	771.18	1276.01	1668.24	1804.50	995.48	820.18	814.23	12791.59
9	1970	808.43	803.08	795.85	1578.08	693.44	1276.01	1276.01	1647.09	1804.50	1240.36	819.92	1071.90	13724.66
10	1971	818.98	813.88	1138.52	1525.55	626.21	1276.01	1276.01	1668.24	1804.50	1364.68	913.50	823.24	14049.30
11	1972	819.35	813.20	848.90	1590.24	604.02	600.51	1276.01	1563.63	1804.50	1804.50	1320.35	1156.57	14201.77
12	1973	823.82	821.05	1084.20	1536.04	698.29	1276.01	1276.01	1647.81	1804.50	1405.44	1078.95	822.59	14272.59
13	1974	816.48	809.62	800.96	1579.77	697.31	988.88	1276.01	1604.88	1804.50	1727.65	913.42	822.23	13751.70
14	1975	818.32	809.93	798.03	1579.06	666.93	808.36	1276.01	1197.23	1803.06	1323.15	1037.67	821.86	12880.59
15	1976	816.58	811.44	885.09	1575.24	637.55	1276.01	1276.01	1584.17	1804.50	1284.03	1161.50	823.74	13935.85
16	1977	819.59	813.68	805.67	1615.22	698.46	1186.88	1276.01	1401.37	1762.20	1480.22	994.16	830.95	13584.39
17	1978	825.52	820.67	1010.93	1576.18	607.69	899.30	1276.01	1526.38	1804.50	1161.19	814.99	778.59	13099.93
18	1979	750.92	745.81	738.68	1173.67	605.38	647.10	1237.47	1546.10	1804.50	1323.80	813.63	778.49	12185.24
19	1980	747.89	735.76	725.57	1013.99	620.48	607.28	838.37	1119.55	1804.50	1202.40	832.11	823.11	11058.80
20	1981	818.07	812.42	944.66	1589.54	614.86	1106.77	1276.01	1631.78	1804.50	1766.37	1086.72	873.31	14904.99
21	1982	820.90	812.27	886.92	1582.82	604.12	834.25	1276.01	1550.45	1804.50	1804.50	1038.11	871.57	13886.39
22	1983	823.12	824.25	1127.31	1553.90	604.23	605.70	603.15	1547.95	1804.50	1726.47	1723.93	822.72	13767.21
23	1984	830.27	825.47	1092.88	1582.14	694.43	1276.01	1276.01	1217.91	1804.50	1804.50	913.47	821.61	14138.88
24	1985	816.80	806.10	798.69	1578.32	607.67	601.18	1276.01	1537.11	1804.50	1282.87	1485.58	820.54	13413.35
25	1986	817.22	817.11	1001.57	1542.09	719.08	1276.01	1276.01	1474.62	1804.50	1764.92	831.10	823.03	14147.24
26	1987	816.86	808.88	798.66	1384.27	659.38	647.63	622.05	1220.35	1804.50	1520.14	1033.61	820.27	12136.79
27	1988	809.17	797.66	785.02	1317.57	642.72	618.66	1276.01	1517.22	1804.50	1365.40	800.36	746.13	12480.39
28	1989	711.38	705.01	699.72	1017.93	637.55	931.97	764.68	671.05	769.78	1202.39	706.46	456.34	9274.25
TOTAL		22726.96	22474.19	24531.89	41892.18	18016.23	24676.96	32903.37	40392.39	49169.05	41614.00	30198.07	23296.68	373811.31
AVE		811.68	802.65	876.85	1496.15	643.44	949.18	1175.12	1442.59	1756.04	1486.21	1078.50	832.02	13350.40
MAX		912.73	822.01	1050.70	1564.04	788.31	1276.01	1276.01	1668.24	1804.50	1804.50	1727.31	1156.57	14904.99
MIN		711.38	705.01	699.72	1013.99	601.98	600.51	603.15	671.05	769.78	995.48	706.46	456.34	9274.25

Result of Reservoir Operation
 (The Da river system case-3 Hoa Binh - project)



Result of Monthly Energy Calculation
(The Sesan river system case-1 Yaly - project)

* MONTHLY TOTAL ENERGY (GWH) *

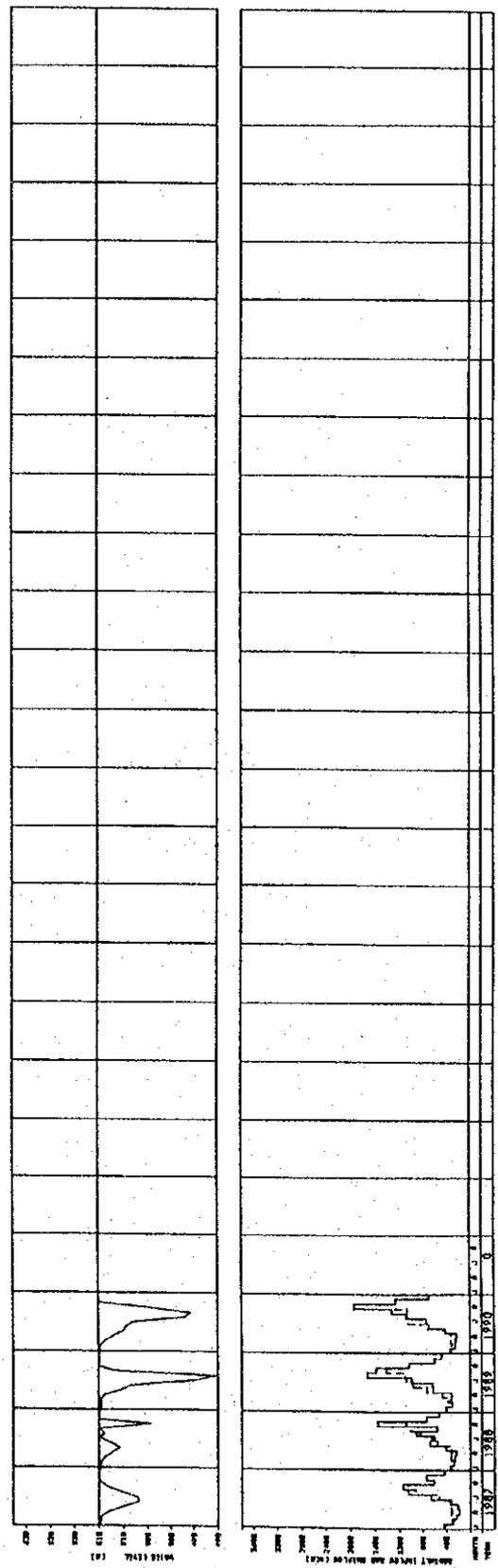
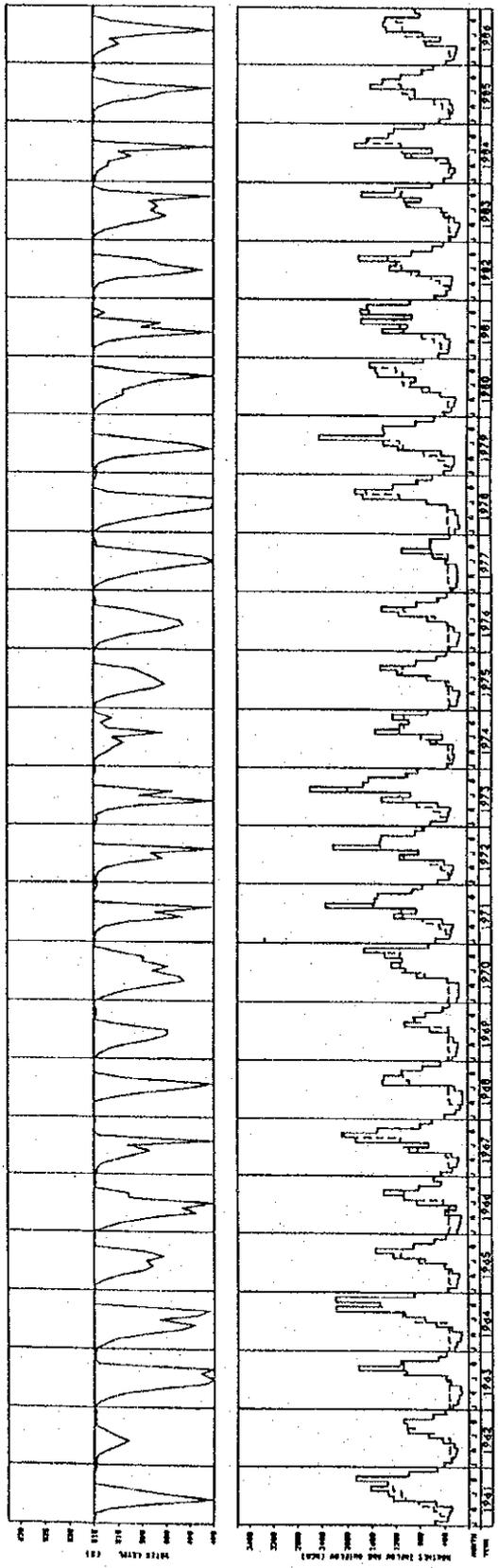
NO. YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	< TOTAL >
1	1961	277.39	180.27	236.80	276.63	363.69	440.16	504.69	488.41	504.69	476.69	257.67	4496.57
2	1962	199.39	153.53	160.27	133.52	156.94	152.17	272.99	421.87	476.36	286.46	178.60	3108.78
3	1963	160.98	144.47	157.59	148.12	147.37	138.50	143.69	436.94	504.69	249.64	179.79	2881.22
4	1964	160.59	148.82	156.08	146.12	146.92	160.41	387.28	444.64	472.39	488.41	424.45	3640.83
5	1965	161.37	145.19	158.89	150.80	146.92	165.10	365.59	486.42	488.41	424.45	178.42	3146.62
6	1966	160.64	143.01	154.75	144.28	146.84	140.68	184.94	475.74	388.70	212.13	277.08	2912.85
7	1967	218.93	145.36	159.62	151.89	171.89	146.41	462.52	488.41	504.69	358.92	277.27	3818.09
8	1968	187.77	98.68	58.13	144.51	147.59	135.60	422.51	488.41	504.69	193.15	161.38	2545.03
9	1969	161.13	142.77	154.77	145.28	147.95	141.29	345.91	427.32	333.35	488.41	315.24	3822.78
10	1970	160.27	145.67	179.14	226.32	331.31	457.92	487.38	479.67	504.69	443.94	351.77	4337.41
11	1971	237.94	150.64	160.39	207.94	281.95	460.13	485.43	488.41	504.69	476.64	388.41	4601.96
12	1972	238.41	162.29	217.72	280.54	367.19	451.88	502.81	488.41	502.88	488.00	314.98	3675.17
13	1973	295.78	165.58	140.18	153.91	157.79	355.11	502.81	488.41	406.76	249.81	179.98	3003.07
14	1974	161.40	145.58	149.32	149.83	149.83	149.83	485.64	488.41	406.76	230.88	166.98	2887.79
15	1975	161.30	144.92	158.32	148.21	149.11	143.18	452.39	482.82	406.25	230.88	137.69	2164.90
16	1976	161.07	149.59	157.31	148.21	149.11	143.18	240.00	482.82	278.11	293.78	281.06	3297.30
17	1977	136.14	144.78	158.48	149.99	150.70	140.86	143.35	479.78	488.41	393.43	276.72	4113.16
18	1978	147.28	143.60	153.57	146.13	145.79	138.04	277.84	488.41	504.69	410.75	258.05	3949.73
19	1979	179.71	145.39	177.93	222.41	312.54	431.76	476.83	488.41	504.69	488.41	352.56	4598.67
20	1980	199.60	150.52	159.84	152.93	213.59	343.70	460.43	488.41	504.69	488.41	199.82	3873.86
21	1981	238.74	162.48	217.72	260.89	334.04	451.11	504.69	488.41	442.21	286.96	189.82	3287.01
22	1982	237.98	180.33	141.01	227.99	281.85	400.05	462.09	488.41	483.13	488.41	296.20	4138.17
23	1983	161.31	144.92	156.49	150.08	151.83	146.63	224.92	431.64	449.64	488.41	352.52	4036.57
24	1984	199.42	150.65	160.15	154.18	231.52	430.33	472.36	485.52	504.69	376.10	276.93	4036.57
25	1985	238.59	145.76	161.14	209.87	267.62	431.79	456.59	477.07	488.41	393.63	424.23	4005.41
26	1986	179.99	145.63	140.22	153.39	290.42	347.04	466.72	488.41	504.69	358.92	219.17	3035.63
27	1987	219.13	145.60	140.51	153.75	156.61	150.58	250.96	435.63	488.41	358.92	257.95	3349.46
28	1988	161.26	150.63	160.26	153.97	159.06	266.75	314.40	405.99	464.42	493.80	238.69	3963.02
29	1989	199.44	145.64	179.50	228.21	343.25	430.61	468.40	481.34	488.41	493.77	286.77	3963.02
30	1990	161.33	145.48	160.14	153.62	214.09	348.26	461.82	460.49	504.69	488.41	340.08	3900.86
TOTAL		5804.2	4438.7	4918.5	5275.6	6454.0	8545.5	13669.1	14194.7	14053.2	11287.4	8313.1	107721.6
AVE		193.47	147.96	163.95	175.85	215.13	284.85	358.92	455.64	473.16	468.44	376.25	3590.72
MAX		295.78	180.33	236.80	276.63	367.19	460.13	489.47	504.69	488.41	504.69	488.41	4601.96
MIN		136.14	98.68	58.13	144.28	145.79	138.04	148.24	278.11	295.78	193.15	137.69	2164.90

Result of Monthly Capacity
(The Sesan river system case-1 Yaly - project)

* MONTHLY PEAK POWER (MW) *

NO. YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	< TOTAL >
1 1961	372.84	268.26	318.88	384.21	488.93	611.34	657.89	678.35	678.35	678.35	662.07	346.33	6145.09
2 1962	268.00	216.56	215.42	213.22	210.95	211.34	366.92	567.02	661.61	678.35	397.86	240.05	4247.30
3 1963	216.37	214.98	211.82	206.24	198.08	193.56	193.13	587.29	651.48	678.35	346.73	241.65	3938.48
4 1964	215.85	213.82	209.78	202.95	197.48	222.79	520.53	597.66	656.10	678.35	678.35	570.50	4964.16
5 1965	216.90	216.06	213.56	209.45	205.96	229.31	491.39	653.79	678.35	678.35	372.82	279.82	4298.50
6 1966	215.77	212.82	207.99	200.59	197.57	193.59	248.57	639.43	672.48	678.35	294.62	372.42	3979.68
7 1967	294.26	216.51	214.54	210.94	231.00	522.80	621.66	651.59	678.35	678.35	522.67	372.68	5215.19
8 1968	252.38	141.78	78.13	200.96	210.00	202.22	194.83	567.89	678.35	678.35	498.49	294.81	3998.18
9 1969	216.57	215.05	212.32	207.91	203.70	201.88	206.70	491.81	593.50	448.05	268.27	216.90	3482.57
10 1970	215.42	212.45	208.02	201.78	198.86	440.50	646.90	652.24	666.21	678.35	678.35	423.71	5222.80
11 1971	346.69	216.77	240.78	314.35	445.52	637.20	621.04	655.08	678.35	678.35	616.58	472.81	5923.89
12 1972	320.44	216.44	215.57	286.81	378.97	639.07	615.48	653.81	678.35	678.35	570.85	473.59	5729.52
13 1973	397.55	241.51	292.63	361.86	493.53	627.61	651.07	677.44	678.35	678.35	662.00	522.06	6283.95
14 1974	216.93	216.64	215.29	213.77	212.08	339.06	477.50	675.82	678.35	675.91	677.78	423.37	5032.28
15 1975	216.80	215.66	212.79	208.10	203.82	203.31	376.43	652.75	678.35	546.71	346.97	241.91	4103.60
16 1976	216.69	214.92	211.44	205.85	200.42	198.86	322.58	608.06	670.58	546.03	320.67	224.44	3940.34
17 1977	182.99	215.45	212.61	208.32	202.56	195.64	192.68	199.25	386.27	397.55	390.36	185.07	2968.74
18 1978	197.96	213.69	209.10	202.96	195.96	191.72	373.45	644.87	678.35	678.35	546.43	371.94	4504.78
19 1979	241.55	214.35	239.15	308.90	420.08	599.67	640.90	678.35	678.35	678.35	570.48	346.84	5618.97
20 1980	268.27	216.27	214.84	212.40	206.68	480.14	624.76	618.86	634.63	678.35	678.35	473.87	5387.42
21 1981	320.89	241.78	292.64	362.35	448.98	626.54	656.64	678.35	678.35	678.35	678.35	616.86	6280.07
22 1982	346.74	268.34	316.41	316.65	378.84	555.63	621.09	652.08	678.35	594.37	398.56	268.57	5295.64
23 1983	216.82	215.65	215.03	208.44	203.80	203.65	302.32	580.16	624.50	649.37	678.35	398.12	4494.21
24 1984	268.04	214.45	215.26	214.14	338.06	597.69	634.89	652.57	678.35	678.35	678.35	473.82	5645.97
25 1985	320.68	218.91	216.58	291.49	359.71	599.70	616.38	641.23	678.35	678.35	522.37	372.22	5513.96
26 1986	241.92	216.71	215.55	213.05	390.34	482.00	615.87	619.68	678.35	678.35	546.70	370.20	5466.52
27 1987	294.53	216.66	215.74	213.55	210.50	209.14	337.31	585.32	678.35	398.33	498.50	294.59	4152.72
28 1988	216.75	216.42	215.41	213.85	213.79	370.48	422.58	545.69	645.03	666.40	498.55	346.71	4571.66
29 1989	268.06	216.72	241.27	316.95	461.36	598.06	602.68	646.96	678.35	662.33	398.30	320.81	5411.85
30 1990	216.85	216.49	215.24	213.36	287.75	483.69	620.73	618.94	642.30	678.35	678.35	457.09	5329.12
TOTAL	7801.30	6553.87	6610.86	7327.16	8674.77	11888.74	14472.66	18372.50	19714.97	18888.68	15677.03	11173.52	147135.81
AVE	260.04	218.46	220.36	244.24	289.16	395.62	482.42	612.42	657.17	629.62	522.57	372.45	4904.52
MAX	397.55	288.54	318.28	384.21	493.53	639.07	657.89	678.35	678.35	678.35	616.86	473.82	6283.95
MIN	182.99	141.78	78.13	200.59	195.96	191.72	192.68	199.25	386.27	397.55	268.27	185.07	2968.74

Result of Reservoir Operation
 (The Sesan river system case-1 Yaly - project)



Result of Monthly Energy Calculation
(The Sesan river system case-2 Plei Krong - project)

* MONTHLY TOTAL ENERGY (GWH) *

NO. YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	< TOTAL >
1 1961	49.04	44.20	51.99	54.07	58.87	63.04	76.80	79.35	76.79	79.35	72.07	39.62	745.17
2 1962	32.08	21.08	30.29	46.27	46.42	43.55	44.63	45.41	45.61	48.42	44.19	39.96	477.52
3 1963	20.32	41.94	46.91	43.41	42.55	39.15	38.91	39.08	41.53	46.56	45.71	44.40	492.37
4 1964	44.95	40.53	40.80	36.73	35.10	32.06	32.92	34.77	44.29	44.76	73.92	64.37	586.15
5 1965	25.96	30.78	47.57	44.22	43.98	41.10	42.06	43.54	45.11	48.76	41.32	28.26	482.57
6 1966	46.56	42.25	44.80	41.10	40.36	37.39	37.95	39.62	41.16	44.65	43.14	43.94	503.14
7 1967	43.27	37.93	39.94	36.02	46.06	33.00	35.48	38.88	51.65	77.09	57.24	44.51	539.26
8 1968	28.43	15.46	10.42	46.61	46.06	42.34	41.48	42.27	44.88	48.01	47.42	34.84	448.73
9 1969	20.25	14.52	14.17	46.76	46.70	43.77	44.52	45.13	45.30	47.20	45.37	45.79	459.28
10 1970	44.07	37.90	39.58	35.55	33.93	32.53	35.95	38.87	40.35	44.40	60.45	49.10	492.67
11 1971	48.86	43.46	49.35	48.69	52.73	60.38	70.72	76.61	76.79	79.35	66.55	50.23	730.71
12 1972	48.86	44.90	46.64	43.57	45.87	54.96	66.73	78.30	76.79	79.35	64.57	51.86	702.38
13 1973	55.96	55.06	62.11	58.14	59.03	64.84	65.85	73.84	76.79	79.35	72.22	60.53	783.71
14 1974	48.66	42.91	44.00	42.92	42.57	40.21	40.94	42.48	44.10	47.22	62.47	49.17	549.63
15 1975	24.23	13.55	12.89	45.30	45.01	42.60	43.05	44.24	45.44	48.83	39.36	26.89	461.00
16 1976	22.37	12.94	31.96	45.80	45.50	42.60	43.40	44.44	45.56	48.87	38.40	26.29	448.16
17 1977	18.38	13.62	12.74	42.17	42.51	30.43	47.92	47.24	46.34	48.59	46.92	47.79	384.64
18 1978	46.22	40.03	42.07	38.27	36.80	32.91	32.70	36.56	41.36	46.65	46.48	48.17	488.23
19 1979	47.52	41.87	44.75	41.82	48.30	54.18	67.97	78.14	76.79	79.35	62.82	49.00	692.30
20 1980	48.34	44.38	45.67	42.42	42.39	40.55	42.59	49.68	63.73	78.82	76.79	56.21	631.38
21 1981	48.81	43.39	46.90	48.28	51.77	60.58	77.23	79.35	75.37	79.35	76.79	88.76	756.56
22 1982	49.02	43.75	47.35	44.46	44.40	42.53	59.21	73.16	73.45	68.74	47.51	48.61	642.18
23 1983	47.54	41.62	44.25	40.63	39.68	38.76	36.60	37.10	37.41	41.83	44.21	46.73	494.26
24 1984	46.11	42.04	43.28	40.13	39.81	42.38	41.00	54.78	73.25	76.70	76.79	54.06	626.70
25 1985	48.86	43.43	46.88	43.94	43.94	42.38	42.87	74.66	79.35	79.35	56.32	49.06	644.04
26 1986	48.48	42.81	45.88	42.64	43.24	41.61	42.87	64.83	61.89	79.35	60.38	64.68	618.64
27 1987	48.82	43.27	46.55	43.34	42.80	39.68	40.31	41.38	42.18	44.65	43.38	44.60	520.97
28 1988	43.42	39.14	39.96	36.49	35.77	33.94	35.08	35.87	35.30	38.83	40.39	41.56	455.63
29 1989	40.58	35.38	37.38	34.14	33.89	32.74	35.25	39.45	43.00	47.21	46.34	47.50	472.84
30 1990	46.55	40.84	43.60	40.29	40.00	38.28	39.98	41.27	48.25	73.93	73.29	52.31	578.60
TOTAL	1233.5	1094.4	1232.9	1265.1	1274.1	1278.3	1407.2	1530.5	1434.0	1824.6	1472.9	1416.8	16866.4
AVE	41.12	36.48	41.10	42.17	42.47	42.61	46.91	51.02	47.47	60.89	55.76	47.23	562.21
MAX	55.96	55.06	62.11	58.14	59.03	64.84	77.23	79.35	76.79	79.35	76.79	68.76	783.71
MIN	18.38	12.94	10.62	12.17	12.51	30.43	32.70	34.77	35.30	38.83	38.40	26.29	384.64

Result of Monthly Capacity
(The Sesan river system case-2 Plei Krong - project)

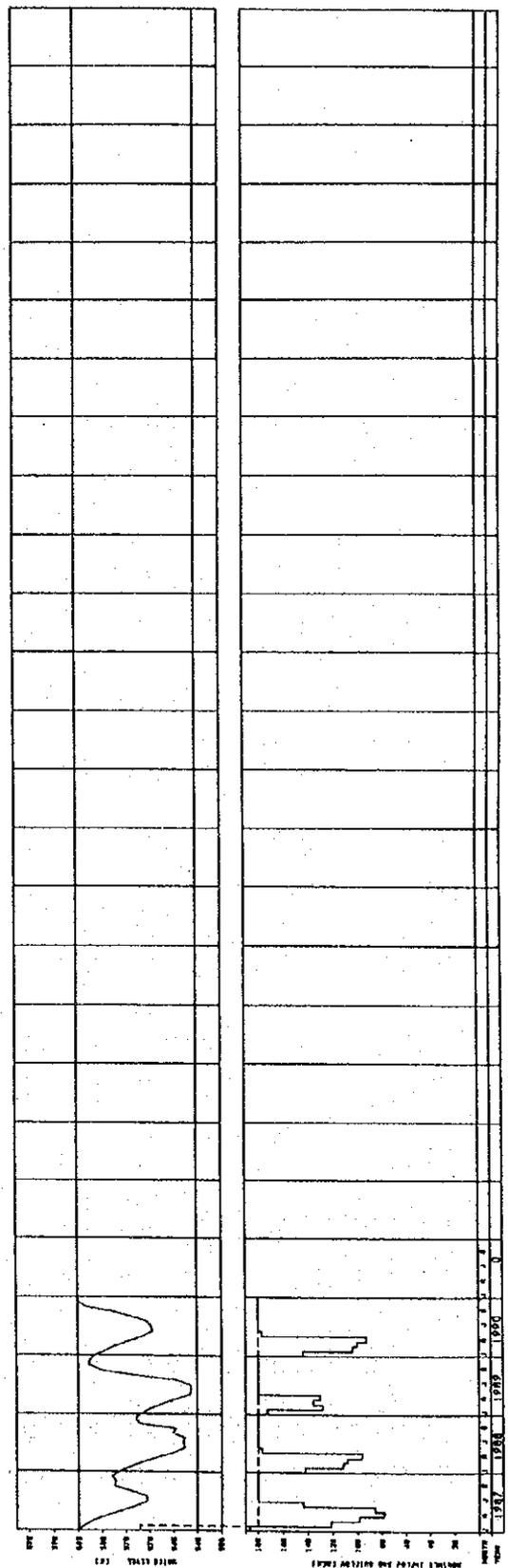
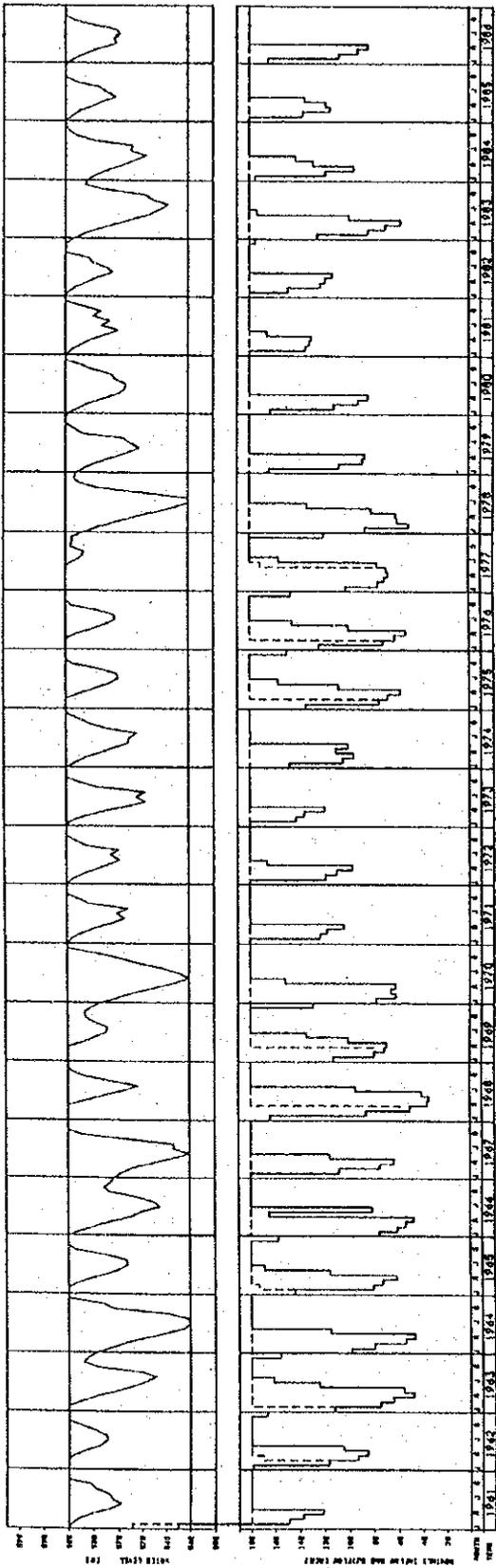
* MONTHLY PEAK POWER (MW) *

NO.	YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	< TOTAL >
1	1961	65.91	65.78	69.88	75.09	79.12	87.55	103.22	106.65	106.65	106.65	100.10	53.25	1019.85
2	1962	43.12	31.37	40.71	64.26	62.13	60.49	59.99	61.04	63.06	65.09	61.37	40.27	652.90
3	1963	27.31	62.41	63.05	60.29	57.19	54.37	52.47	52.53	57.68	62.58	63.49	62.37	675.44
4	1964	60.42	57.95	54.84	51.01	47.18	44.53	44.25	46.73	61.51	102.02	102.67	86.52	759.63
5	1965	34.90	45.80	63.94	61.42	58.98	57.09	56.53	58.53	62.66	65.54	57.38	37.99	660.75
6	1966	62.59	62.87	60.22	57.09	54.52	51.93	51.01	53.25	57.16	60.01	59.01	59.08	689.64
7	1967	58.16	56.44	53.48	50.03	46.04	45.83	47.59	52.26	71.73	103.62	79.50	59.82	724.81
8	1968	38.56	22.21	14.28	64.73	61.91	58.80	55.75	56.82	61.36	64.53	65.86	61.26	612.66
9	1969	27.22	21.31	19.05	64.94	62.76	60.79	59.84	60.89	62.68	63.44	63.02	61.54	637.48
10	1970	59.24	56.40	53.20	49.37	45.60	45.18	48.31	52.15	56.04	59.68	83.96	66.00	675.22
11	1971	65.67	64.67	66.33	69.02	70.88	83.85	95.05	102.96	106.65	106.65	92.44	75.58	999.73
12	1972	65.68	64.51	62.69	60.51	61.65	76.33	89.59	105.24	106.65	106.65	89.68	69.70	938.97
13	1973	75.22	81.93	83.48	80.75	79.34	90.06	88.50	99.25	106.65	106.65	100.31	81.35	1073.49
14	1974	65.40	63.85	61.83	59.61	57.21	55.85	55.02	57.09	61.25	63.47	84.76	66.09	753.43
15	1975	32.57	20.16	37.64	62.92	60.50	58.61	57.87	59.46	63.12	65.64	54.67	36.14	629.29
16	1976	30.07	18.59	42.96	63.60	61.16	59.16	58.34	59.78	63.28	65.68	53.33	35.34	611.28
17	1977	24.71	20.27	17.12	16.90	16.81	42.27	64.40	63.49	64.35	65.31	65.16	64.24	525.04
18	1978	62.13	59.57	56.55	53.15	49.46	45.71	43.96	49.14	57.45	62.70	64.56	64.74	669.11
19	1979	63.87	62.50	60.14	58.08	64.92	75.25	91.36	105.03	106.65	106.65	86.97	65.86	947.09
20	1980	64.98	63.48	61.39	58.92	56.98	56.32	57.53	66.77	88.51	103.94	106.65	75.55	862.73
21	1981	65.60	64.57	63.04	67.05	69.58	84.13	103.81	106.65	104.68	106.65	106.65	92.42	1034.83
22	1982	65.89	65.10	63.64	61.75	59.88	59.06	79.58	98.33	102.02	92.39	65.98	65.33	878.76
23	1983	63.89	61.94	59.48	56.43	53.33	50.91	49.19	49.87	51.94	56.22	61.41	62.82	677.44
24	1984	61.98	60.40	58.17	55.73	53.31	51.84	55.10	73.63	101.73	103.09	106.65	72.46	856.49
25	1985	65.67	64.62	63.00	61.02	59.06	58.85	63.45	87.14	103.70	106.65	78.50	65.94	877.61
26	1986	65.15	63.70	61.66	59.22	58.12	57.79	57.62	60.05	85.96	106.59	84.14	86.93	846.94
27	1987	65.62	64.39	62.57	60.19	57.53	55.12	54.18	53.61	58.59	60.02	60.25	59.94	714.02
28	1988	58.35	56.23	53.70	50.68	48.07	47.14	47.15	48.21	49.03	52.20	55.96	55.86	622.57
29	1989	54.35	52.64	50.24	47.41	45.56	45.48	47.38	53.02	59.73	63.46	64.35	63.85	647.66
30	1990	62.57	60.78	58.60	55.96	53.77	53.17	53.74	55.47	67.01	99.37	101.80	70.31	792.54
	TOTAL	1657.99	1616.26	1657.06	1757.14	1712.53	1773.46	1891.39	2057.14	2269.49	2455.12	2323.47	1904.35	23077.37
	AVE	55.27	53.88	55.24	58.57	57.08	59.18	63.05	68.57	75.65	81.84	77.45	63.48	769.25
	MAX	75.22	81.93	83.48	80.75	79.34	90.06	103.81	106.65	106.65	106.65	106.65	92.42	1073.49
	MIN	24.71	18.59	14.28	16.90	16.81	42.27	43.96	46.73	49.03	52.20	53.33	35.34	525.04

Result of Capacity Duration
(The Sesan river system case-2 Plei Krong - project)

NO.	DATE	P	NO.	DATE	P	NO.	DATE	P	NO.	DATE	P	NO.	DATE	P	NO.	DATE	P	NO.	DATE	P
1	6110	106.6	61	7312	81.9	121	6810	64.5	181	6809	61.4	241	8705	57.5	301	6404	51.0	361	0	0.0
2	6109	106.6	62	7312	81.4	122	7202	64.5	182	7409	61.3	242	7809	57.5	302	6607	51.0	362	0	0.0
3	7110	106.6	63	7304	80.7	123	7707	64.4	183	7605	61.2	243	6511	57.4	303	8306	50.9	363	0	0.0
4	7210	106.6	64	8207	79.6	124	8702	64.4	184	6208	61.0	244	8007	57.2	304	8804	50.7	364	0	0.0
5	7909	106.6	65	6711	79.5	125	7709	64.4	185	8504	61.0	244	7405	57.2	305	8903	50.2	365	0	0.0
6	8108	106.6	66	7305	79.3	126	8911	64.4	186	6908	60.9	246	6305	57.2	306	6704	50.0	366	0	0.0
7	8108	106.6	67	6105	79.1	127	6204	64.3	187	6906	60.8	247	6609	57.2	307	8308	49.9	367	0	0.0
8	7309	106.6	68	8311	78.5	128	7712	64.2	188	9002	60.8	248	7408	57.1	308	7805	49.5	368	0	0.0
9	7209	106.6	69	7306	78.3	129	6503	63.9	189	7204	60.5	249	6604	57.1	309	7004	49.4	369	0	0.0
10	7309	106.6	70	7112	75.6	130	8301	63.9	190	7505	60.5	250	6506	57.1	310	8307	49.2	370	0	0.0
11	7310	106.6	71	8012	75.5	131	7901	63.9	191	6206	60.5	251	8005	57.0	311	7808	49.1	371	0	0.0
12	8108	106.6	72	7906	73.2	132	8912	63.8	192	6401	60.4	252	6808	56.8	312	8809	49.0	372	0	0.0
13	8411	106.6	73	7301	73.2	133	7402	63.8	193	8402	60.4	253	7803	56.5	313	7007	48.3	373	0	0.0
14	7910	106.6	74	6104	73.1	134	8402	63.7	194	6304	60.3	254	6507	56.5	314	8808	48.2	374	0	0.0
15	8011	106.6	75	8408	73.6	135	8203	63.6	195	8711	60.3	255	6702	56.4	315	8805	48.1	375	0	0.0
16	8110	106.6	76	8412	72.7	136	7404	63.6	196	6603	60.2	256	8304	56.4	316	6707	47.7	376	0	0.0
17	8111	106.6	77	6709	71.7	137	7703	63.5	197	8704	60.2	257	7002	56.4	317	8904	47.4	377	0	0.0
18	8610	106.6	78	7105	70.9	138	6311	63.5	198	7903	60.1	258	8006	56.3	318	8907	47.4	378	0	0.0
19	8010	105.9	79	9012	70.3	139	8002	63.5	199	8608	60.1	259	8802	56.2	319	6405	47.2	379	0	0.0
20	7208	105.2	80	6103	69.9	140	7410	63.5	200	8710	60.0	260	8310	56.2	320	8807	47.1	380	0	0.0
21	7908	105.0	81	7212	69.7	141	8910	63.5	201	6610	60.0	261	7009	56.0	321	8806	47.1	381	0	0.0
22	8109	104.7	82	8105	69.6	142	8507	63.5	202	6207	60.0	262	8811	56.0	322	6812	46.9	382	0	0.0
23	8107	103.8	83	7104	69.0	143	6910	63.4	203	8712	59.9	263	9004	56.0	323	6408	46.7	383	0	0.0
24	8509	103.7	84	8104	67.1	144	7609	63.3	204	6611	59.9	264	8812	55.9	324	6705	46.0	384	0	0.0
25	6710	103.6	85	9009	67.0	145	7509	63.3	205	6907	59.8	265	7406	55.8	325	6706	45.8	385	0	0.0
26	6107	103.2	86	8008	66.8	146	6209	63.1	206	6712	59.8	266	8807	55.8	326	6502	45.8	386	0	0.0
27	8410	103.1	87	7103	66.3	147	6303	63.1	207	7608	59.8	267	8404	55.7	327	7806	45.7	387	0	0.0
28	7108	103.0	88	7412	66.1	148	8103	63.0	208	8909	59.7	268	8708	55.6	328	7005	45.6	388	0	0.0
29	6411	102.7	89	7012	66.0	149	6911	63.0	209	8205	59.7	269	9008	55.5	329	8905	45.6	389	0	0.0
30	8209	102.0	90	8211	66.0	150	8503	63.0	210	7010	59.7	270	8706	55.1	330	8906	45.5	390	0	0.0
31	6210	102.0	91	8512	65.9	151	7504	62.9	211	7404	59.6	272	7407	55.1	331	7006	45.2	391	0	0.0
32	9011	101.8	92	6101	65.9	152	6402	62.9	212	7802	59.6	272	7407	55.0	332	6406	44.5	392	0	0.0
33	8409	101.7	93	8201	65.9	153	8312	62.8	213	8303	59.5	274	6403	54.8	333	6407	44.5	393	0	0.0
34	7311	100.3	94	6811	65.9	154	6905	62.8	214	7508	59.5	274	7511	54.7	334	7807	44.0	394	0	0.0
35	6111	100.1	95	6102	65.9	155	7810	62.7	215	7001	59.2	275	8901	54.5	335	6201	43.1	395	0	0.0
36	9010	99.4	96	7610	65.7	156	6303	62.7	216	8604	59.2	276	6605	54.5	336	7403	43.0	396	0	0.0
37	7308	98.3	97	7610	65.7	157	6909	62.7	217	7606	59.2	277	6306	54.4	337	7706	42.3	397	0	0.0
38	8208	98.3	98	7201	65.7	158	6509	62.7	218	6612	59.1	278	8707	54.2	338	6203	42.3	398	0	0.0
39	7107	95.1	99	7101	65.7	159	6601	62.6	219	8306	59.1	279	8406	53.8	339	6212	42.3	399	0	0.0
40	7111	92.4	100	8501	65.6	160	6310	62.6	220	8305	59.1	280	9005	53.8	340	6801	39.6	400	0	0.0
41	8112	92.4	101	7510	65.6	161	9004	62.6	221	6505	59.0	281	9007	53.7	341	6512	38.0	401	0	0.0
42	8210	92.4	102	8701	65.6	162	8703	62.6	222	8506	58.9	282	8803	53.7	342	7112	36.1	402	0	0.0
43	7907	91.4	103	8101	65.6	163	6302	62.4	223	8506	58.9	283	6703	53.7	343	7812	35.3	403	0	0.0
44	7306	90.1	104	6510	65.3	164	6312	62.4	224	6806	58.8	284	8405	53.5	344	6501	34.9	404	0	0.0
45	7207	89.7	105	7401	65.4	165	7902	62.3	225	7506	58.6	285	7611	53.3	345	7501	32.6	405	0	0.0
46	7211	89.7	106	8212	65.3	166	7801	62.1	226	9003	58.6	286	8305	53.3	346	6202	31.4	406	0	0.0
47	8009	88.5	107	7710	65.3	167	6205	62.1	227	8709	58.6	287	6608	53.2	347	7401	30.1	407	0	0.0
48	6106	87.5	108	8601	65.2	168	8401	62.0	228	6508	58.5	288	6112	53.2	348	6301	27.3	408	0	0.0
49	6306	87.5	109	8601	65.2	169	8302	61.9	229	8801	58.4	289	7003	53.2	349	6901	27.2	409	0	0.0
50	8508	87.1	110	8202	65.1	170	6805	61.9	230	7607	58.3	290	9006	53.2	350	7701	24.7	410	0	0.0
51	7911	87.0	111	6210	65.1	171	7403	61.8	231	8403	58.2	291	7804	53.1	351	6802	22.2	411	0	0.0
52	9612	86.9	112	8001	65.0	172	8204	61.7	232	6701	58.2	292	8908	53.0	352	6902	21.3	412	0	0.0
53	7411	86.8	113	6904	64.9	173	8603	61.7	233	8605	58.1	293	8902	52.6	353	7702	20.3	413	0	0.0
54	6412	86.5	114	7905	64.9	174	7205	61.6	234	7904	58.1	294	6308	52.5	354	7502	20.2	414	0	0.0
55	8409	86.0	115	7812	64.7	175	6409	61.5	235	6402	57.9	295	6708	52.3	355	6903	19.0	415	0	0.0
56	8611	84.1	116	6804	64.7	176	6409	61.5	236	7507	57.9	296	7008	52.2	356	7602	18.6	416	0	0.0
57	8106	84.1	117	7102	64.7	177	6504	61.4	237	8606	57.8	297	8810	52.2	357	7703	17.1	417	0	0.0
58	7011	83.0	118	8502	64.6	178	8311	61.4	238	6309	57.7	298	8307	52.2	358	7704	16.9	418	0	0.0
59	7106	83.9	119	8102	64.6	179	8003	61.4	239	7503	57.6	299	8309	52.0	359	7705	16.8	419	0	0.0
60	7303	83.5	120	7811	84.6	180	6211	61.4	240	8607	57.6	300	6606	51.9	360	6803	14.3	420	0	0.0

Result of Reservoir Operation
 (The Sesan river system case-2 Plei Krong - project)



Result of Monthly Energy Calculation
(The Sesan river system case-2 Plei Krong - project)

* MONTHLY TOTAL ENERGY (GMH) *

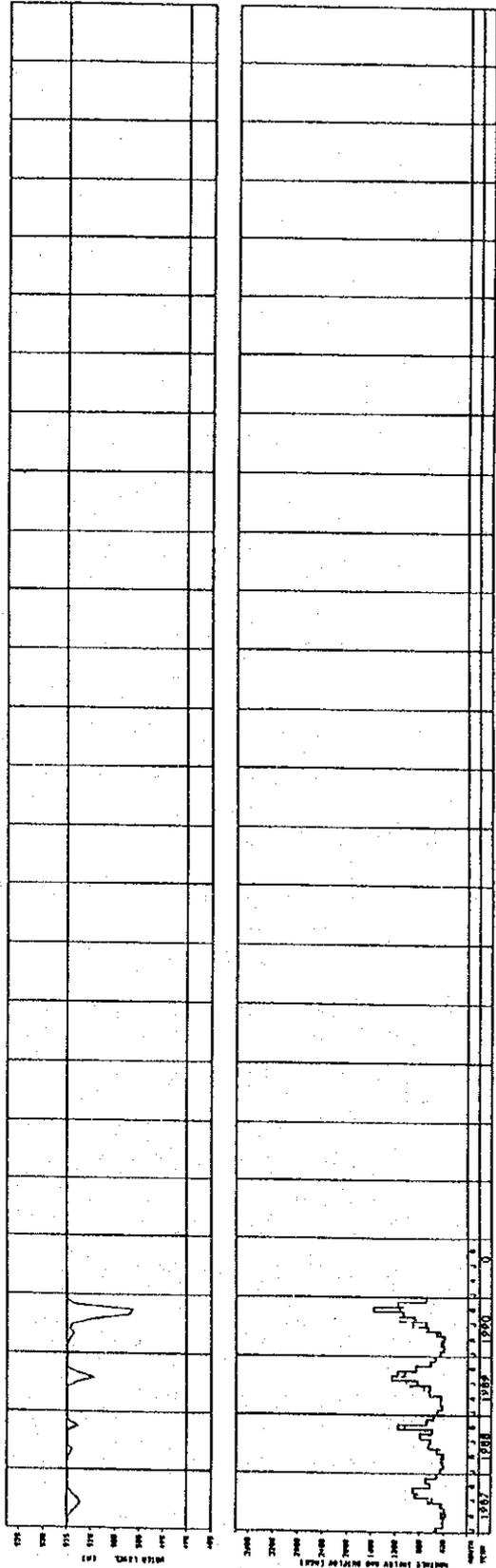
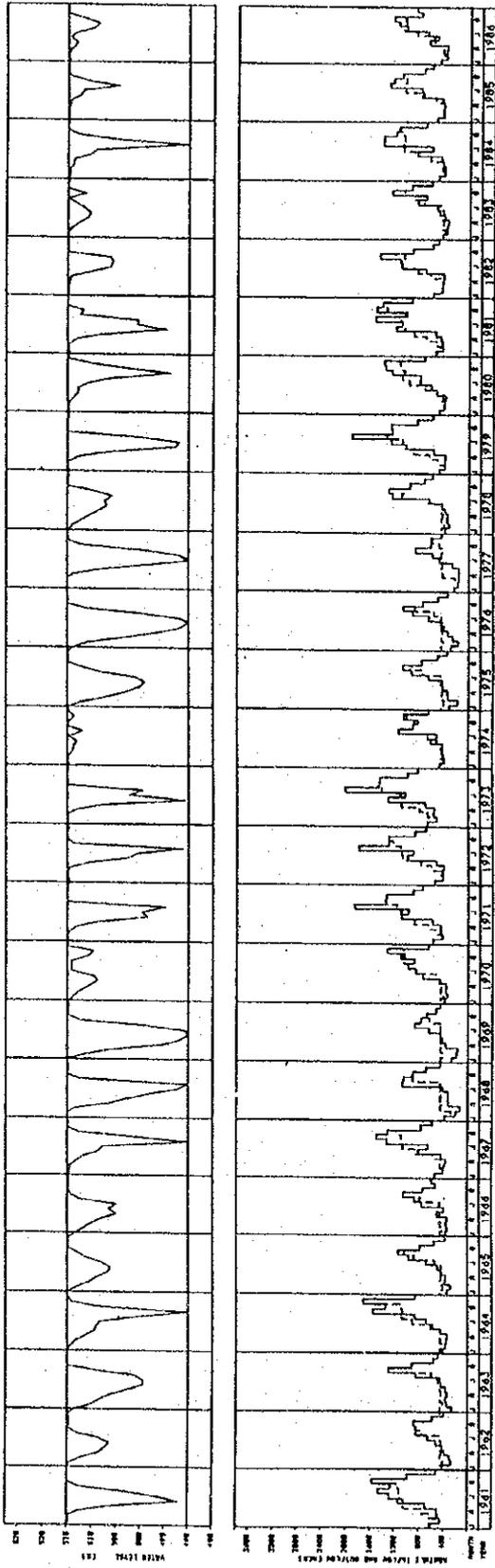
MO. YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	< TOTAL >
1 1961	302.57	215.52	301.03	355.48	454.63	441.70	478.03	504.69	488.41	504.69	466.43	251.80	4765.00
2 1962	220.06	197.48	206.39	206.39	212.18	206.07	221.76	263.05	410.42	423.99	280.46	219.39	3177.13
3 1963	217.23	193.80	212.61	202.94	206.18	197.85	205.66	277.23	470.88	436.42	266.51	238.88	3128.00
4 1964	220.01	205.12	217.91	208.90	204.57	284.44	413.97	457.18	460.59	504.69	488.41	412.98	4088.76
5 1965	219.57	196.13	215.03	206.20	211.74	295.57	258.20	419.15	485.28	376.79	268.30	219.39	3281.15
6 1966	217.95	193.41	214.69	204.92	211.05	294.17	214.02	374.38	486.67	332.23	255.89	289.87	3321.12
7 1967	264.27	198.61	219.24	210.88	271.44	397.87	462.20	461.45	488.21	504.69	376.32	276.79	4131.98
8 1968	188.14	136.68	215.30	202.80	205.08	193.40	195.73	206.20	430.77	436.16	329.14	221.78	2961.17
9 1969	218.64	197.19	216.83	208.12	214.51	188.65	200.23	211.26	303.20	337.64	255.81	220.01	2712.32
10 1970	219.69	215.58	263.27	311.21	401.41	411.39	468.15	488.88	488.41	504.69	433.36	364.65	3985.67
11 1971	277.36	206.02	220.04	289.79	362.49	468.26	461.71	487.20	488.41	504.69	421.98	357.61	4502.59
12 1972	264.39	250.47	326.36	379.20	474.02	450.13	481.23	504.69	488.41	504.69	466.43	400.77	5034.16
13 1973	327.76	250.47	326.36	379.20	474.02	450.13	481.23	504.69	488.41	504.69	466.43	400.77	5034.16
14 1974	225.69	198.82	219.68	212.13	218.76	234.91	325.42	466.99	432.94	423.11	243.48	201.83	3056.77
15 1975	218.93	196.17	210.34	200.14	204.68	198.47	209.66	356.58	441.69	376.80	243.48	201.83	3056.77
16 1976	217.35	198.88	205.27	192.71	195.54	189.07	201.31	266.30	418.88	384.88	245.04	168.00	2863.63
17 1977	117.35	86.96	111.39	209.38	208.23	192.43	195.62	200.58	204.21	237.40	292.93	220.24	2276.72
18 1978	219.72	197.36	216.80	207.98	213.10	205.61	326.93	496.88	488.41	459.15	352.78	289.83	3674.57
19 1979	238.72	198.87	250.38	309.25	403.75	434.60	455.43	504.69	488.41	504.69	410.76	289.74	4498.13
20 1980	238.57	205.83	219.55	211.65	262.07	347.70	455.43	477.22	455.91	501.63	488.41	364.59	4228.55
21 1981	264.37	215.58	263.44	334.34	407.73	454.28	480.23	503.06	488.41	447.80	488.41	447.93	4852.48
22 1982	290.12	227.26	219.29	218.11	311.25	397.73	501.63	501.34	429.67	499.47	455.39	302.49	3546.99
23 1983	220.20	198.57	218.83	210.29	216.02	209.37	223.33	363.34	488.41	504.69	488.41	352.51	4402.72
24 1984	251.40	205.76	219.60	217.53	311.07	422.47	473.22	467.62	488.41	504.69	364.84	302.60	4215.72
25 1985	264.54	215.69	230.04	213.79	275.58	383.04	487.31	496.17	488.41	488.41	387.95	424.51	4165.61
26 1986	236.71	198.86	219.71	211.82	288.82	291.76	417.92	500.34	488.41	499.38	387.95	251.80	3339.79
27 1987	264.41	198.78	219.86	211.99	218.04	210.78	287.91	399.74	432.99	302.66	341.03	277.27	3533.09
28 1988	235.85	206.04	219.99	212.43	225.26	317.10	302.66	388.75	339.08	489.70	328.94	277.27	4010.59
29 1989	251.61	203.93	225.86	218.58	315.21	351.29	472.87	504.56	484.72	412.71	304.94	264.33	4010.59
30 1990	225.77	198.86	219.77	212.08	224.86	339.81	429.13	499.24	468.04	504.69	488.41	338.38	4149.05
TOTAL	7150.9	5951.7	6724.2	6982.1	8134.5	9150.2	10726.9	12625.4	13502.7	13424.2	11249.3	8821.7	114423.7
AVE	237.70	198.39	224.14	232.74	271.45	305.01	357.56	420.85	450.09	447.47	374.98	294.06	3816.12
MAX	327.76	250.47	326.36	379.20	474.02	468.26	501.63	504.69	488.41	504.69	488.41	447.93	5054.16
MIN	117.35	86.96	111.39	192.09	195.49	188.65	195.62	200.58	204.21	237.40	243.48	168.00	2276.72

Result of Monthly Capacity
(The Sesan river system case-2 Plei Krong - project)

* MONTHLY PEAK POWER (MW) *

NO.	YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	< TOTAL >
1	1961	406.69	320.72	404.62	493.72	611.06	613.47	642.52	678.35	678.35	678.35	647.82	338.44	6514.11
2	1962	295.78	293.86	289.88	286.65	285.19	286.22	298.07	487.97	570.02	569.88	389.53	295.15	4348.21
3	1963	291.98	288.40	285.77	281.87	277.12	274.80	276.15	372.62	654.00	586.59	372.93	321.08	4283.30
4	1964	295.71	294.71	292.88	290.14	288.40	295.06	356.41	614.49	659.70	678.35	372.85	555.08	5579.28
5	1965	294.85	291.85	289.02	286.39	284.59	285.51	347.05	503.37	674.00	506.43	372.85	294.89	4490.60
6	1966	292.94	290.90	288.30	284.61	283.67	283.57	387.66	503.20	675.92	473.43	355.40	389.61	4409.21
7	1967	355.20	295.55	294.48	292.89	324.84	552.60	631.24	620.23	678.07	678.35	522.64	372.02	5648.35
8	1968	252.88	196.37	289.38	281.66	275.64	268.61	263.08	277.15	598.59	586.24	457.33	298.09	4044.54
9	1969	293.89	287.81	278.71	266.79	282.76	262.02	265.98	283.96	421.11	404.38	355.59	293.71	3715.55
10	1970	295.02	293.44	289.05	289.05	288.32	350.66	532.94	630.22	678.35	678.35	678.35	422.75	5449.88
11	1971	372.80	320.81	353.85	432.24	539.52	637.75	659.23	667.63	678.35	678.35	678.35	489.85	6402.27
12	1972	355.36	296.00	295.76	402.49	487.22	650.36	620.57	654.84	678.35	678.35	586.08	440.33	6145.71
13	1973	440.54	372.72	438.66	526.66	637.13	625.18	646.81	678.35	678.35	678.35	647.82	538.67	6909.23
14	1974	303.35	295.87	295.27	294.63	294.03	354.04	427.59	627.68	601.51	568.70	660.10	423.40	5155.76
15	1975	294.25	288.95	282.72	277.98	275.10	275.65	281.81	479.28	613.45	506.45	338.17	271.27	4185.07
16	1976	295.68	285.75	275.90	267.65	262.82	262.59	270.58	357.93	581.78	490.43	340.33	225.81	3914.25
17	1977	157.72	129.40	149.72	290.81	279.88	267.26	262.94	269.59	283.63	319.09	406.84	298.03	3112.91
18	1978	295.32	293.70	291.40	288.86	286.42	285.57	439.42	667.86	678.35	617.14	489.98	389.56	5023.57
19	1979	320.87	295.93	336.53	429.51	542.68	603.62	624.00	678.35	678.35	678.35	570.50	389.44	6148.12
20	1980	320.65	295.73	295.10	293.96	352.24	482.92	612.14	641.42	633.21	674.24	678.35	490.04	5759.99
21	1981	355.34	320.81	354.09	464.36	548.02	630.94	645.48	674.16	678.35	678.35	678.35	602.05	6632.29
22	1982	389.95	338.18	295.68	302.93	418.35	552.40	674.23	673.84	678.35	601.89	406.81	338.31	5670.91
23	1983	295.97	295.49	294.15	292.07	290.35	290.80	300.18	488.35	596.77	671.33	632.49	406.57	4834.52
24	1984	337.91	295.64	295.16	302.15	418.11	586.76	636.06	628.53	678.35	678.35	678.35	473.81	6009.14
25	1985	355.57	320.96	295.78	295.54	370.40	531.99	654.99	666.89	678.35	678.35	506.72	406.73	5762.27
26	1986	320.84	295.92	295.30	294.19	387.93	403.22	561.73	672.49	675.06	671.21	538.82	570.58	5689.29
27	1987	355.38	295.81	295.51	294.43	293.06	292.75	386.98	537.29	601.38	406.80	473.66	338.17	4571.21
28	1988	303.57	294.04	295.49	395.04	302.77	440.42	406.80	522.51	670.95	658.20	456.86	372.68	4821.52
29	1989	338.18	303.47	303.58	303.58	423.67	487.90	635.57	678.17	673.22	534.72	423.52	355.28	5480.85
30	1990	303.45	295.92	295.40	294.56	302.23	471.96	576.79	671.02	650.06	678.35	678.35	454.82	5672.91
TOTAL		9584.63	8786.65	9037.36	9697.36	10933.51	12708.57	14617.90	16969.69	18753.76	18043.32	15624.09	11857.17	156416.37
AVE		319.49	292.89	301.26	323.25	364.45	423.62	480.60	565.66	625.13	601.44	520.80	395.24	5213.81
MAX		440.54	372.72	438.66	526.66	637.13	650.36	674.23	678.35	678.35	678.35	678.35	602.05	6909.23
MIN		157.72	129.40	149.72	266.79	262.76	262.02	262.94	269.59	283.63	319.09	338.17	225.81	3112.91

Result of Reservoir Operation
 (The Sesan river system case-2 Plei Krong - project)



Result of Monthly Energy Calculation
(The Sesan river system case-3 Thuong Kontum - project)

* MONTHLY TOTAL ENERGY (GWH) *

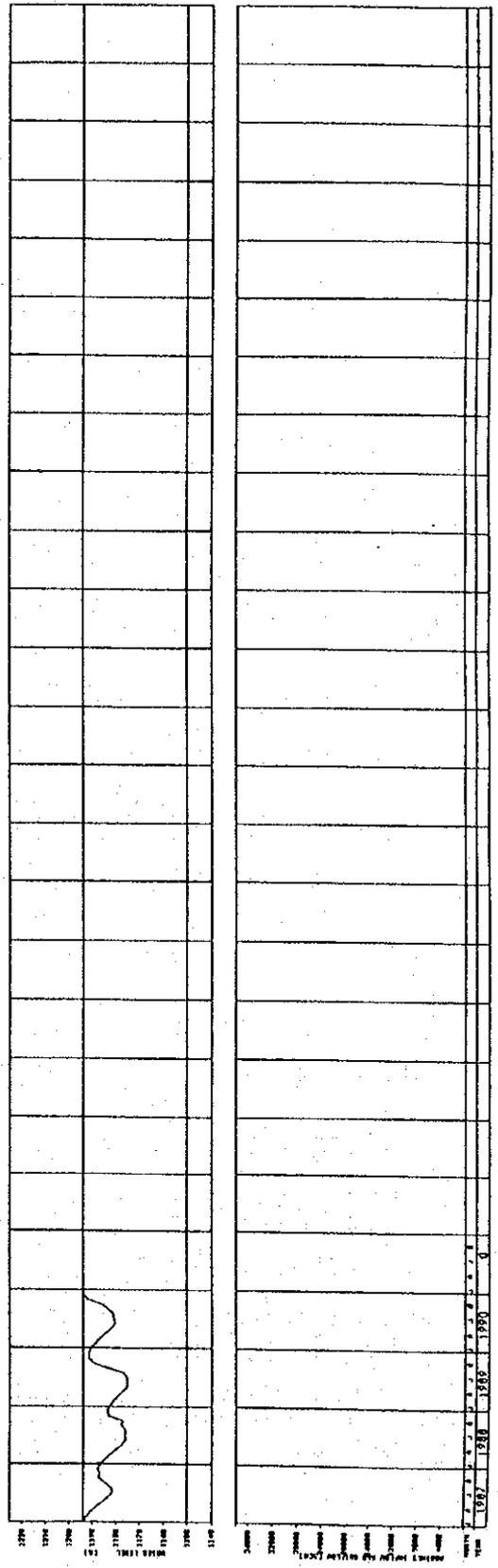
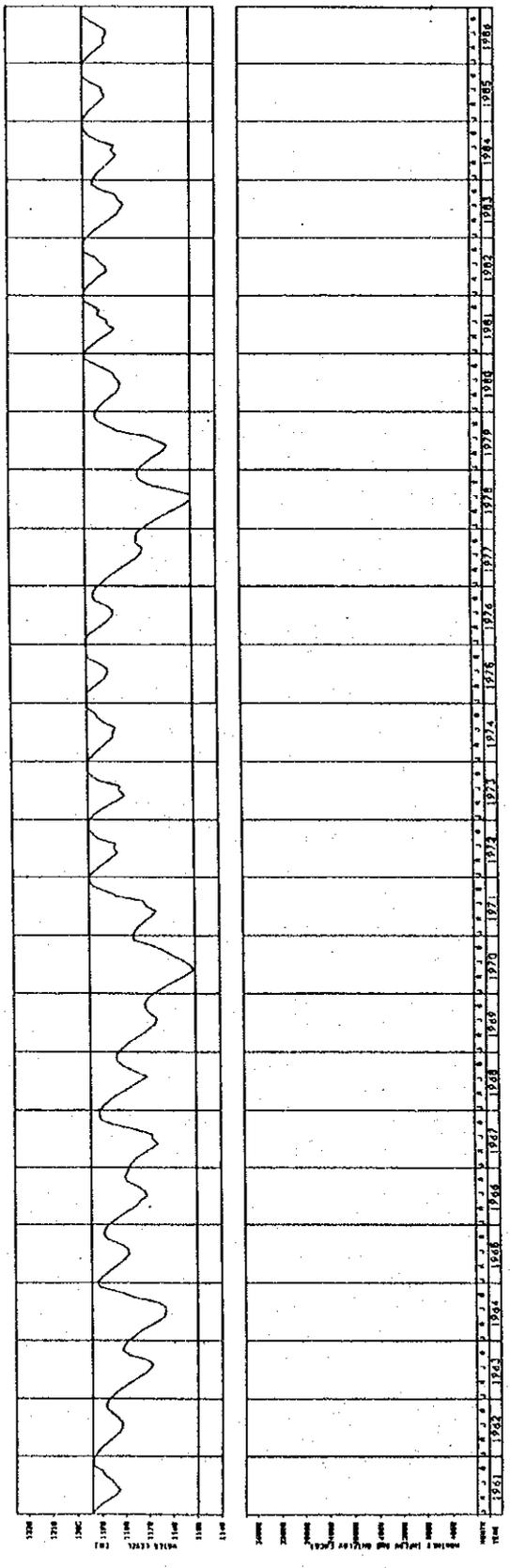
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1 1961	77.03	69.44	81.97	79.04	81.44	88.91	97.23	102.65	104.54	118.43	95.03	62.48	1058.20
2 1962	62.41	56.27	62.15	59.98	61.81	59.69	61.65	61.72	59.88	62.05	60.12	62.06	739.80
3 1963	61.93	55.79	61.57	59.38	61.12	58.94	60.78	60.81	59.19	61.53	59.62	61.51	722.20
4 1964	61.36	57.23	60.96	58.75	60.49	58.42	60.36	60.47	58.96	61.47	59.96	62.33	720.76
5 1965	62.31	56.15	61.99	59.80	61.61	59.49	61.44	61.58	59.89	62.12	60.15	62.08	728.60
6 1966	61.92	55.76	61.33	59.32	61.13	59.00	60.91	61.04	59.33	61.51	59.52	61.44	722.40
7 1967	61.37	55.32	61.07	58.88	60.64	58.68	60.97	60.99	59.59	62.06	60.25	62.27	721.82
8 1968	62.20	58.06	61.88	59.66	61.41	59.19	60.95	61.02	59.39	61.63	59.76	61.73	726.89
9 1969	61.61	55.49	61.24	59.06	60.82	58.69	60.56	60.56	58.85	60.88	59.00	61.22	708.75
10 1970	60.51	54.45	60.04	57.85	59.56	57.61	59.70	59.97	58.31	60.54	59.00	61.22	726.36
11 1971	61.18	55.18	60.93	58.79	60.40	58.73	60.87	61.29	59.86	62.21	60.42	66.29	782.57
12 1972	71.64	66.88	71.20	68.76	74.13	78.74	86.45	92.19	99.74	108.42	79.75	82.38	1128.61
13 1973	82.27	78.90	87.04	83.89	91.34	93.54	96.77	107.42	109.56	123.56	95.05	77.08	1128.61
14 1974	62.46	56.30	62.18	60.26	61.86	59.78	61.72	61.86	60.37	62.48	49.62	33.64	750.79
15 1975	30.28	16.89	54.12	60.12	61.94	59.80	61.73	61.84	60.09	62.29	60.29	62.22	681.94
16 1976	27.94	41.35	62.32	61.72	61.31	59.13	60.93	60.84	58.96	61.02	59.03	60.91	721.37
17 1977	62.07	55.92	61.72	59.53	59.73	57.59	59.42	59.71	58.37	60.76	58.97	60.95	709.15
18 1978	60.72	54.64	60.25	58.05	59.73	58.28	60.53	61.12	59.49	61.99	60.18	62.21	718.78
19 1979	60.87	54.85	60.53	58.37	60.15	58.28	60.53	65.39	73.77	81.89	89.79	71.70	806.79
20 1980	62.13	58.01	61.85	59.67	61.53	59.50	61.55	65.39	73.77	81.89	89.79	71.70	1061.18
21 1981	71.84	69.40	74.62	79.01	81.37	83.82	91.98	97.40	104.35	113.02	104.85	87.73	861.09
22 1982	62.50	59.61	66.08	63.79	71.08	73.82	76.41	87.17	89.74	87.72	60.49	62.46	728.05
23 1983	62.34	56.17	62.02	59.82	61.62	59.50	61.39	61.43	59.56	61.80	60.15	62.25	884.50
24 1984	62.19	58.07	61.92	59.77	65.36	63.26	74.02	81.50	84.45	98.03	100.02	71.71	857.56
25 1985	62.47	56.35	62.26	63.75	65.71	68.72	76.39	81.91	84.71	98.19	74.59	62.49	837.53
26 1986	62.43	56.28	62.16	59.98	61.91	63.52	70.93	76.39	79.34	82.28	74.59	62.03	730.14
27 1987	62.47	56.33	62.23	60.05	61.87	59.73	61.66	61.54	59.94	62.04	60.05	62.03	726.47
28 1988	61.92	57.80	61.63	59.67	61.31	59.30	61.27	61.32	59.38	61.54	59.77	61.75	726.23
29 1989	61.67	55.60	61.42	59.50	61.20	59.23	61.28	61.59	60.01	62.28	60.34	62.31	812.52
30 1990	62.21	56.07	61.92	59.76	61.62	59.59	65.35	70.76	78.91	81.96	89.89	64.27	23637.6
TOTAL	1846.1	1694.8	1914.9	1863.9	1940.0	1914.2	2019.1	2085.8	2102.4	2237.1	2057.0	1942.4	787.25
AVE	61.54	56.49	63.83	62.13	64.67	63.81	67.30	69.53	70.08	74.57	68.57	64.75	1126.61
MAX	82.27	78.90	87.04	83.89	91.54	93.54	97.23	107.42	109.56	123.56	104.85	87.73	613.55
MIN	27.94	16.89	54.12	57.85	59.56	57.59	59.42	59.71	58.31	60.54	49.62	33.64	

Result of Monthly Capacity
(The Sesan river system case-3 Thuong Kontum - project)

* MONTHLY PEAK POWER (MW) *

NO. YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	< TOTAL >
1 1961	103.54	103.54	110.17	109.78	109.46	123.49	130.89	137.97	145.20	159.18	131.99	83.98	1448.79
2 1962	83.88	83.74	83.54	83.31	83.08	82.91	82.86	82.94	83.17	83.40	83.50	83.42	999.76
3 1963	83.24	83.02	82.76	82.47	82.16	81.89	81.70	81.70	82.21	82.71	82.80	82.28	989.36
4 1964	82.47	82.22	81.93	81.60	81.31	81.14	81.13	81.28	81.90	83.28	83.54	83.44	998.64
5 1965	83.75	83.56	83.32	83.05	82.81	82.63	82.58	82.76	83.18	83.50	83.54	83.44	998.11
6 1966	83.23	82.98	82.70	82.39	82.16	81.94	81.84	82.05	82.60	82.67	82.63	82.58	989.62
7 1967	82.49	82.33	82.08	81.78	81.51	81.50	81.60	81.97	82.76	83.41	83.68	83.69	988.80
8 1968	83.61	83.42	83.17	82.86	82.54	82.22	81.92	82.02	82.48	82.84	82.99	82.97	993.04
9 1969	82.80	82.57	82.31	82.02	81.75	81.51	81.40	81.52	81.73	81.83	81.77	81.60	982.84
10 1970	81.33	81.02	80.70	80.34	80.05	80.02	80.24	80.60	80.98	81.38	81.95	82.28	970.89
11 1971	82.24	82.11	81.90	81.66	81.44	81.57	81.82	82.38	83.14	83.62	83.91	89.10	994.90
12 1972	96.29	96.09	95.81	95.50	95.23	95.37	95.66	95.91	96.33	96.73	97.17	110.72	1341.51
13 1973	110.58	117.41	116.99	116.51	123.03	129.91	130.96	144.38	152.17	166.07	132.01	103.61	1542.74
14 1974	83.95	83.78	83.58	83.36	83.15	83.03	82.96	83.14	83.28	83.71	83.98	84.03	1028.45
15 1975	40.70	35.13	72.75	83.70	83.44	83.28	83.21	83.36	83.71	83.98	68.91	45.22	837.41
16 1976	37.55	59.41	83.77	83.50	83.25	83.05	82.98	83.11	83.46	83.73	83.74	83.63	931.18
17 1977	83.43	83.21	82.96	82.69	82.40	82.12	81.89	81.77	81.89	82.01	81.99	81.87	988.23
18 1978	81.61	81.31	80.98	80.63	80.28	79.98	79.86	80.26	81.07	81.67	81.90	81.93	971.47
19 1979	81.81	81.62	81.36	81.07	80.85	80.94	81.36	82.15	82.91	83.32	83.58	83.61	984.59
20 1980	83.51	83.34	83.13	82.88	82.70	82.64	82.72	87.89	102.46	110.04	124.71	96.38	1102.43
21 1981	90.29	103.28	102.98	109.74	109.34	116.42	123.63	130.91	144.93	151.91	145.63	117.91	1452.99
22 1982	84.01	89.01	88.82	88.60	95.34	102.53	102.70	117.17	124.64	117.91	84.02	83.95	1178.89
23 1983	83.79	83.59	83.35	83.08	82.83	82.64	82.52	82.57	82.72	83.07	83.54	83.67	997.37
24 1984	83.59	83.43	83.23	83.02	87.85	87.85	102.18	109.54	117.29	131.76	138.92	96.39	1205.04
25 1985	83.97	83.85	83.68	88.55	88.32	95.45	102.68	110.09	117.65	131.98	103.60	84.00	1173.83
26 1986	83.91	83.75	83.55	83.31	83.31	88.22	95.34	102.67	110.20	110.59	103.60	117.90	1146.25
27 1987	83.96	83.83	83.64	83.40	83.14	82.95	82.87	82.99	83.25	83.38	83.40	83.37	1000.22
28 1988	83.23	83.04	82.83	82.60	82.41	82.36	82.36	82.42	82.48	82.72	83.01	83.00	992.45
29 1989	82.89	82.74	82.56	82.37	82.26	82.26	82.36	82.78	83.55	83.71	83.80	83.75	994.82
30 1990	83.62	83.44	83.23	83.00	82.82	82.77	87.83	95.10	109.60	110.14	124.85	86.39	1112.81
TOTAL	2481.27	2501.56	2573.75	2588.76	2607.48	2658.59	2713.79	2803.48	2920.04	3006.91	2856.97	2610.81	32323.37
AVE	82.71	83.39	85.79	86.29	86.92	88.62	90.46	93.45	97.33	100.23	95.23	87.03	1077.45
MAX	110.58	117.41	116.99	116.51	123.03	129.91	130.69	144.38	152.17	166.07	145.63	117.91	1542.74
MIN	37.55	25.13	72.75	80.34	80.05	79.98	79.86	80.26	80.98	81.38	68.91	45.22	837.41

Result of Reservoir Operation
 (The Sesan river system case-3 Thuong Kontum - project)



Result of Monthly Energy Calculation
(The Sesan river system case-3 Yaly - project)

* MONTHLY TOTAL ENERGY (GWH) *

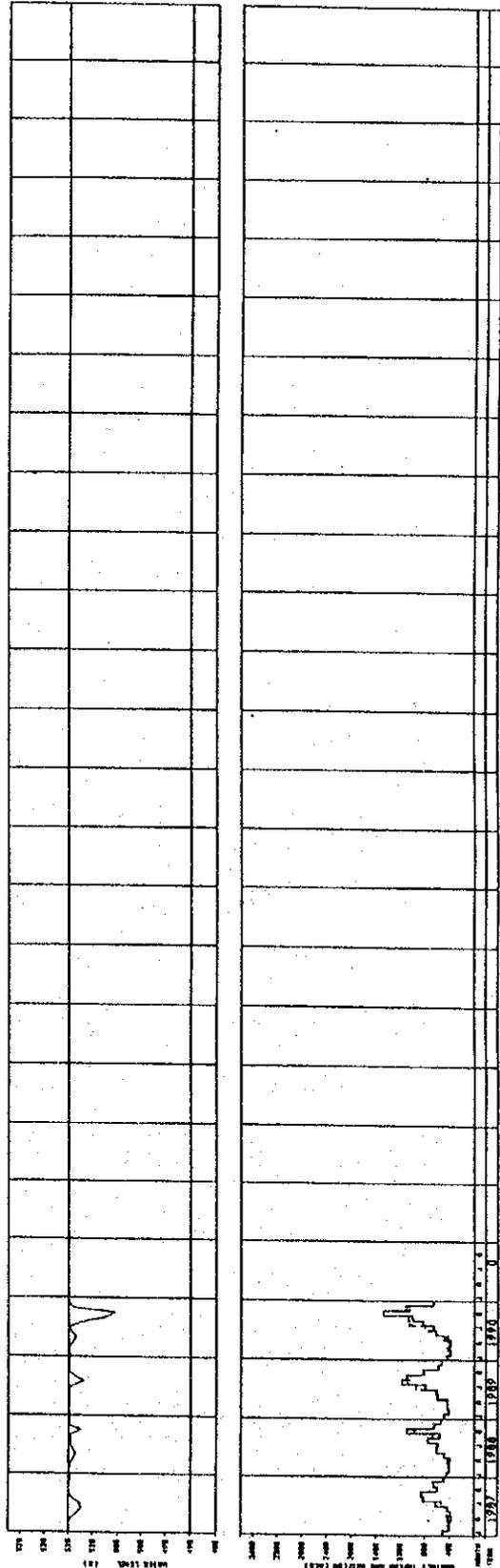
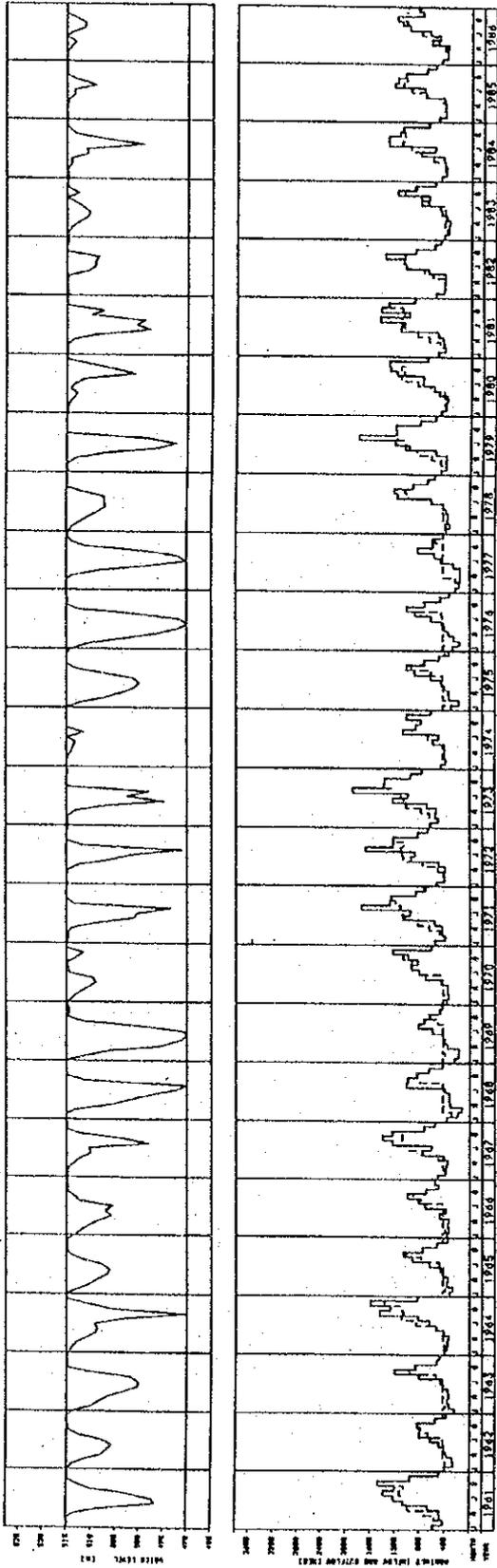
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1	289.95	203.89	276.48	346.19	441.83	451.73	477.05	501.94	488.41	504.69	455.22	238.61	4675.99
2	214.71	192.54	210.14	201.00	206.56	200.52	210.44	321.48	376.16	401.03	268.51	214.69	3021.79
3	182.34	189.44	207.95	198.67	202.07	193.97	201.20	253.32	249.76	412.84	256.00	238.65	3016.01
4	196.58	200.05	212.33	203.80	209.34	249.07	395.16	464.44	455.95	504.69	483.47	401.00	3999.03
5	196.64	214.15	191.40	209.85	206.67	200.52	232.94	373.13	476.07	364.57	243.37	277.13	3128.80
6	196.66	213.09	191.20	209.92	206.81	199.97	209.27	373.19	431.45	339.85	352.97	269.12	4008.90
7	196.7	211.47	194.09	214.35	247.19	356.66	445.99	477.92	488.41	504.69	352.97	214.96	2839.45
8	196.8	179.44	143.73	209.82	197.60	188.82	191.23	200.89	384.43	400.80	317.73	214.92	2593.06
9	196.9	213.53	188.83	201.00	187.64	191.02	184.20	205.30	253.73	327.25	230.83	214.92	3819.18
10	1970	214.41	192.66	211.92	203.49	228.10	195.02	205.30	442.42	497.28	488.41	303.72	4583.10
11	1971	277.10	194.11	238.16	312.51	382.75	465.90	490.95	488.41	504.69	411.05	352.38	5274.99
12	1972	251.62	201.33	215.01	254.18	354.62	470.01	463.86	488.41	504.69	455.22	364.63	4935.18
13	1973	302.51	250.41	313.81	368.29	449.19	457.12	502.69	488.41	504.69	477.00	302.82	3612.62
14	1974	223.91	194.30	214.67	207.28	213.74	325.07	421.20	410.97	377.00	477.14	302.82	2934.29
15	1975	214.07	189.92	205.90	196.11	200.65	204.87	296.69	443.07	352.61	238.81	197.19	2728.25
16	1976	212.57	194.07	200.32	188.19	184.57	196.02	216.71	408.13	352.26	224.16	160.20	2182.33
17	1977	111.87	82.89	111.38	204.43	203.33	190.95	195.32	198.46	212.95	267.83	214.96	3519.64
18	1978	214.43	192.43	211.66	203.12	208.18	291.92	457.96	483.55	436.24	329.33	289.89	4404.32
19	1979	223.66	194.25	237.66	298.32	386.63	441.26	460.46	488.41	504.69	388.09	277.32	4103.37
20	1980	238.66	201.01	214.40	204.69	213.83	315.40	407.65	488.41	504.69	488.41	340.30	4781.08
21	1981	264.54	203.91	250.93	323.57	389.98	459.64	476.51	488.41	504.69	488.41	436.07	3988.67
22	1982	277.05	203.89	213.15	208.08	299.69	479.24	504.69	488.41	424.75	292.81	238.55	3391.92
23	1983	214.94	193.80	213.61	205.30	210.92	212.52	338.57	385.75	500.51	421.79	289.84	4289.23
24	1984	238.56	201.10	214.61	207.38	299.19	380.50	489.24	488.41	504.69	488.41	340.09	4041.25
25	1985	251.61	204.02	215.09	206.88	231.42	280.04	480.66	484.07	492.85	352.95	277.32	4003.81
26	1986	238.82	194.23	214.57	204.88	247.42	384.66	462.22	480.55	501.21	376.35	400.86	3207.30
27	1987	251.72	194.35	214.92	207.25	213.21	282.98	388.35	410.69	290.08	359.04	238.63	3384.26
28	1988	225.75	201.08	214.67	207.27	224.81	289.65	364.22	377.07	456.23	316.98	264.37	3834.85
29	1989	238.71	203.89	215.09	218.43	289.92	483.94	498.55	475.72	400.85	280.59	264.37	3998.17
30	1990	213.02	194.23	214.64	207.12	214.18	386.66	480.85	477.23	504.69	488.41	322.52	110525.1
TOTAL	6908.8	5777.2	6510.1	6784.9	7780.9	8739.5	10255.5	12205.7	13124.0	13092.7	10859.9	8486.1	3684.17
AVE	230.29	192.57	217.00	226.16	259.36	291.32	341.85	406.86	437.47	436.42	362.00	282.87	4935.18
MAX	302.51	250.41	313.81	368.29	449.19	470.01	479.24	504.69	488.41	504.69	488.41	436.07	2182.33
MIN	111.87	82.89	111.38	187.64	191.02	184.20	190.95	195.32	198.46	212.95	224.16	160.20	

Result of Monthly Capacity
(The Sesan river system case-3 Yaly - project)

* MONTHLY PEAK POWER (MW) *

NO. YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	< TOTAL >
1	1961	369.72	303.40	371.82	480.82	593.86	641.19	674.65	678.35	678.35	632.26	320.71	6392.32
2	1962	288.59	286.52	282.43	279.17	277.03	282.85	437.48	522.44	539.02	372.93	288.57	4136.14
3	1963	285.40	281.94	279.50	275.93	269.40	270.43	340.48	624.66	584.82	355.55	330.76	4130.27
4	1964	288.42	287.43	285.46	283.06	283.93	345.93	624.25	633.26	678.35	588.35	538.98	5456.18
5	1965	287.84	284.82	282.06	279.55	277.79	313.09	501.52	661.21	670.19	338.30	288.32	4283.19
6	1966	286.42	284.32	282.15	278.89	277.97	277.74	501.59	599.24	456.79	338.01	372.49	4237.07
7	1967	338.00	288.82	287.97	286.32	332.84	493.35	643.36	599.24	678.35	490.23	361.72	5479.17
8	1968	241.18	206.50	282.02	274.45	268.81	257.05	270.02	353.93	358.71	44.29	288.92	3865.12
9	1969	287.00	281.00	270.17	260.61	255.83	262.13	275.94	352.40	459.85	320.32	288.87	3550.86
10	1970	288.18	286.70	284.84	283.62	281.88	316.81	585.80	614.47	668.38	678.35	406.88	5216.71
11	1971	372.45	288.86	320.11	433.04	514.45	645.93	659.88	678.35	678.35	570.90	473.63	6263.17
12	1972	338.19	289.27	288.99	353.03	476.37	659.14	675.66	678.35	678.35	554.87	440.18	6032.99
13	1973	406.60	372.63	421.79	511.51	603.75	642.77	675.66	678.35	678.35	632.25	490.09	6748.62
14	1974	303.64	289.13	288.53	287.89	287.28	335.86	566.14	570.79	506.62	662.69	407.02	4943.59
15	1975	287.73	282.62	276.74	272.37	269.69	270.01	398.78	615.37	473.93	331.68	245.04	4019.34
16	1976	285.72	278.84	269.24	261.36	256.80	263.47	291.27	566.85	473.46	311.33	215.33	3730.03
17	1977	150.36	123.34	149.70	283.93	273.29	256.65	282.53	275.64	286.23	371.99	288.92	2983.65
18	1978	289.21	286.66	284.49	283.11	279.81	392.36	615.54	671.59	586.35	457.27	389.64	4812.95
19	1979	303.31	289.06	319.43	414.34	519.66	618.90	676.84	678.35	678.35	539.02	372.75	6022.86
20	1980	330.78	288.80	288.17	287.07	287.40	438.05	674.01	657.07	678.35	678.35	457.39	5603.35
21	1981	355.57	303.44	337.27	449.40	524.17	638.12	664.80	678.35	678.35	678.35	586.11	6534.40
22	1982	372.38	303.41	289.18	289.00	402.81	644.14	678.35	678.35	678.35	404.69	320.43	5450.76
23	1983	288.70	288.40	287.11	285.14	283.50	285.65	455.07	535.77	672.72	585.82	389.57	4641.47
24	1984	320.65	288.94	288.45	288.03	402.13	587.40	657.59	678.35	678.35	678.35	457.32	5853.84
25	1985	338.18	303.60	289.10	288.81	336.86	606.02	676.73	672.33	662.43	490.21	372.75	5523.68
26	1986	321.00	289.03	288.40	287.33	354.06	388.94	621.27	667.43	673.66	522.71	538.80	5469.64
27	1987	338.34	289.20	288.88	287.84	286.57	353.47	521.97	570.41	389.90	457.00	320.74	4390.54
28	1988	303.43	288.91	288.53	287.87	302.16	389.32	489.54	454.26	613.21	440.11	355.35	4618.61
29	1989	320.85	303.41	289.11	303.37	389.67	596.70	670.09	660.73	538.77	389.71	355.34	5241.06
30	1990	289.00	289.03	288.49	287.67	287.88	406.42	646.31	662.82	678.35	678.35	433.49	5467.50
TOTAL		9885.99	8528.21	8750.13	9423.53	10458.18	12138.25	16495.55	18227.77	17597.48	15083.22	11406.07	151088.62
AVE		309.53	284.27	291.67	314.12	348.61	459.47	546.85	607.59	584.59	502.77	380.20	5036.29
MAX		406.60	372.63	421.79	511.51	603.75	642.77	675.66	678.35	678.35	678.35	586.11	6748.62
MIN		150.36	123.34	149.70	260.61	256.75	256.65	262.53	275.64	286.23	311.33	215.33	2983.65

Result of Reservoir Operation
 (The Sesan river system case-3 Yaly - project)



Result of Monthly Energy Calculation
(The Sesan river system case-4 Sesan3 - project)

* MONTHLY TOTAL ENERGY (GWH) *

NO. YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	< TOTAL >
1 1961	81.18	56.50	75.54	95.77	131.10	145.43	151.56	156.82	146.17	172.85	131.06	67.14	1410.91
2 1962	59.95	53.17	58.07	56.09	58.33	58.30	62.30	95.51	109.02	116.71	78.18	59.68	863.30
3 1963	58.49	54.24	57.45	55.26	56.94	59.57	78.68	78.43	138.43	119.94	71.49	65.67	871.44
4 1964	58.18	54.14	57.21	55.25	58.55	71.81	116.08	147.88	154.21	167.27	114.32	59.47	1208.91
5 1965	59.19	52.35	57.62	55.56	58.56	68.95	110.95	142.12	104.33	69.58	67.78	77.60	881.63
6 1966	57.68	51.93	57.20	55.25	59.64	65.99	109.30	128.41	94.91	100.23	75.80	75.80	1179.56
7 1967	69.93	52.96	57.67	55.60	68.22	105.32	131.94	155.66	115.59	116.41	90.31	64.29	823.58
8 1968	50.22	59.32	57.12	55.00	56.78	55.10	58.09	69.40	115.59	116.41	90.31	64.29	758.20
9 1969	58.48	52.34	57.59	55.74	58.23	57.16	61.91	65.94	75.15	92.52	148.65	85.26	1101.30
10 1970	57.72	51.96	57.47	55.57	59.34	68.23	112.42	127.73	128.75	148.19	148.65	85.26	1399.75
11 1971	77.64	53.30	64.84	85.59	110.15	146.33	146.18	161.80	164.48	172.34	117.56	99.74	1323.74
12 1972	70.28	55.01	58.42	68.99	99.83	144.68	145.58	159.99	146.66	167.85	113.97	92.65	1518.87
13 1973	84.98	68.61	85.68	102.20	133.85	147.39	148.10	172.85	167.27	172.85	131.04	104.06	1518.87
14 1974	62.07	52.89	58.12	56.63	58.22	69.37	90.01	126.94	119.61	108.58	139.54	85.54	1027.51
15 1975	58.97	52.24	57.51	55.48	58.38	57.65	62.36	90.24	132.04	100.80	67.13	54.59	847.50
16 1976	58.74	53.97	57.39	55.37	58.20	57.40	62.24	69.59	122.29	100.61	63.17	44.80	803.79
17 1977	31.53	23.13	30.49	55.69	57.79	55.88	59.44	61.29	64.40	61.65	73.94	58.64	635.32
18 1978	57.99	51.69	57.33	55.55	57.79	57.14	85.42	141.63	147.97	127.36	93.97	81.18	1014.92
19 1979	62.42	52.94	64.19	81.93	113.54	143.33	150.48	170.79	161.87	164.73	110.62	77.63	1334.46
20 1980	65.82	54.85	58.02	56.04	60.51	69.09	118.32	149.72	149.62	155.61	148.88	96.21	1202.50
21 1981	73.66	56.08	68.56	89.42	113.17	147.51	148.59	157.08	144.63	154.82	167.27	124.89	1445.68
22 1982	77.70	56.39	58.70	56.81	81.78	103.76	144.31	151.38	151.03	141.51	82.29	66.11	1151.78
23 1983	58.75	52.42	57.55	55.46	58.19	58.03	60.23	99.00	110.02	131.62	123.52	81.36	966.16
24 1984	66.10	55.00	58.10	57.03	62.42	112.45	128.25	157.54	150.35	148.91	144.46	96.19	1236.79
25 1985	70.14	56.13	58.53	56.80	68.65	101.36	130.89	153.62	144.22	142.96	100.10	78.21	1161.61
26 1986	65.86	52.94	58.03	56.04	75.76	77.84	109.93	138.52	144.27	148.32	107.04	114.55	1149.11
27 1987	69.79	53.27	58.19	55.92	62.72	57.38	75.35	112.72	119.76	81.68	93.54	66.26	901.78
28 1988	61.96	54.87	58.40	56.33	62.72	83.11	81.55	104.72	91.75	137.01	90.23	73.88	956.52
29 1989	66.06	55.97	59.01	59.80	81.83	85.97	128.62	151.40	142.94	115.82	79.12	73.50	1100.03
30 1990	59.18	52.89	58.22	56.25	59.92	83.27	109.78	142.31	146.49	157.45	143.42	91.20	1160.36
TOTAL	1910.1	1581.5	1778.2	1868.4	2216.2	2611.1	3072.4	3790.8	4015.0	3965.2	3179.7	2385.3	32373.7
AVE	63.67	52.72	59.27	62.28	73.87	87.04	102.41	126.36	133.83	132.17	105.99	79.51	1079.12
MAX	84.98	68.61	85.68	102.20	133.85	147.51	151.56	172.85	167.27	172.85	167.27	144.80	1518.87
MIN	31.23	23.13	30.49	55.00	56.78	55.10	58.09	61.29	64.40	61.65	63.17	44.80	635.32

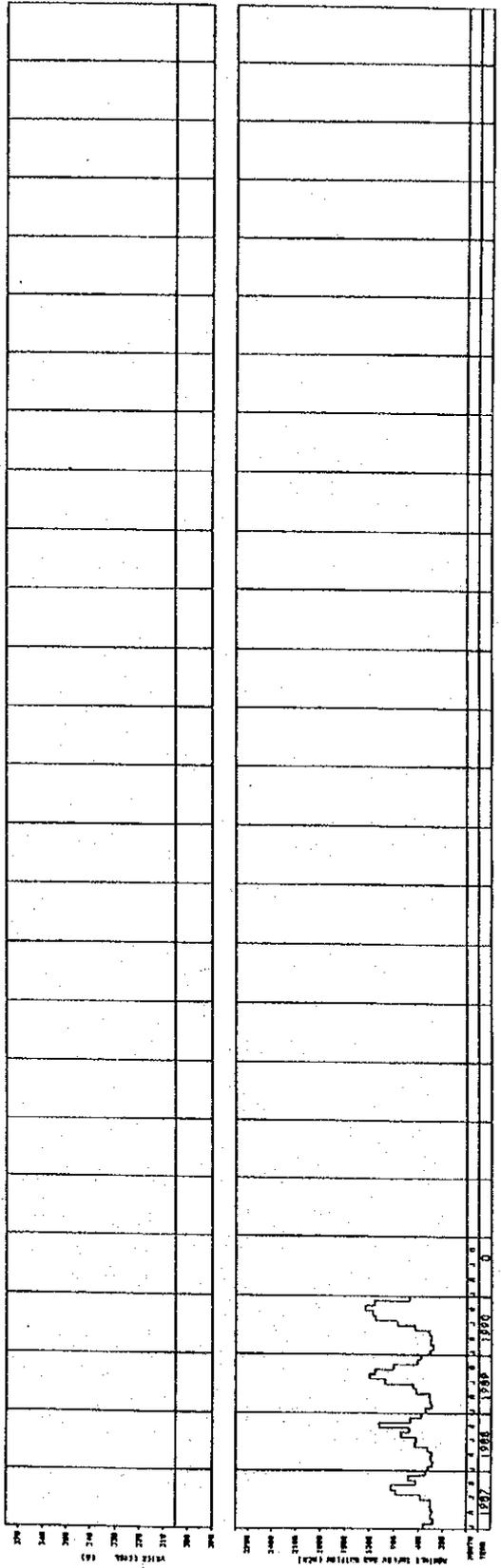
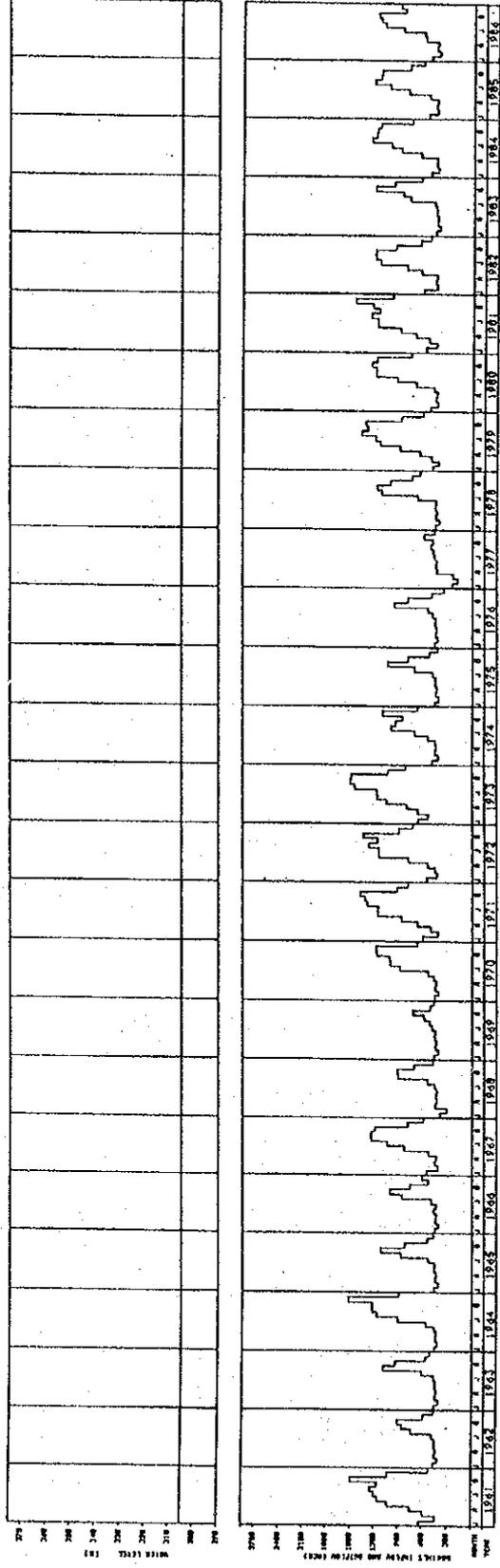
Result of Monthly Capacity

(The Sesan river system case-4 Sesan3 - project)

* MONTHLY PEAK POWER (MW) *

NO. YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	< TOTAL >
1 1961	109.12	84.07	101.53	133.01	176.21	201.98	203.71	210.51	203.01	232.32	182.03	90.34	1927.75
2 1962	80.58	79.12	77.05	77.90	78.40	80.97	83.73	128.38	151.41	156.87	105.81	80.22	1181.43
3 1963	78.41	77.74	78.21	76.75	76.96	79.11	80.07	195.76	192.27	161.21	99.29	88.27	1193.25
4 1964	78.19	77.79	76.89	76.71	78.70	99.74	156.02	198.76	213.95	207.27	232.32	153.65	1649.99
5 1965	79.55	77.91	77.44	77.17	78.71	80.44	92.67	149.12	197.38	140.50	96.63	79.34	1527.46
6 1966	77.52	77.28	76.89	76.73	80.17	77.76	85.96	146.91	178.34	130.25	104.30	104.30	1806.24
7 1967	93.99	78.81	77.51	77.23	91.70	146.58	177.34	209.22	216.15	202.41	139.21	101.88	1611.73
8 1968	67.50	58.50	74.78	76.39	76.31	76.53	78.08	93.28	160.54	156.47	125.43	80.96	1124.77
9 1969	78.60	77.88	77.40	77.41	78.26	79.39	83.22	88.63	104.38	124.35	89.30	79.10	1037.93
10 1970	77.59	77.32	77.24	77.18	79.76	94.72	151.11	171.69	178.82	199.18	206.45	114.60	1505.69
11 1971	104.08	79.31	87.15	118.87	148.05	203.24	196.48	217.68	228.45	231.64	163.28	134.06	1912.08
12 1972	94.46	79.04	78.52	95.82	134.18	200.95	195.67	215.04	203.70	225.38	158.29	124.53	1805.58
13 1973	114.22	102.10	115.16	141.94	179.91	204.70	199.06	232.32	232.32	232.32	182.00	139.86	2075.92
14 1974	83.42	78.70	78.11	78.65	78.25	96.35	120.98	170.82	166.12	145.94	193.81	114.97	1405.93
15 1975	79.26	77.74	77.30	77.05	78.47	80.07	83.82	121.29	183.39	135.68	93.24	73.51	1160.63
16 1976	78.95	77.55	77.13	76.91	78.23	79.72	83.66	93.54	169.85	135.23	87.74	60.22	1098.72
17 1977	41.98	34.42	40.98	77.34	77.33	77.62	79.89	82.38	89.44	82.87	105.48	78.82	868.54
18 1978	77.82	76.93	77.06	77.15	77.67	79.36	114.82	190.36	205.51	171.18	130.52	109.11	1387.47
19 1979	83.90	78.78	86.28	113.79	152.60	199.08	202.25	229.56	224.82	221.41	153.64	104.34	1850.44
20 1980	88.47	78.80	77.98	77.83	81.07	123.74	159.03	201.24	207.81	209.15	206.78	129.32	1641.22
21 1981	99.00	83.46	92.15	124.50	152.11	204.87	199.72	211.13	200.87	208.10	232.52	167.86	1775.78
22 1982	104.44	83.92	78.90	78.90	109.92	144.11	193.96	203.47	209.77	163.32	114.29	88.85	1573.86
23 1983	78.97	78.01	77.35	77.02	78.21	80.59	80.96	133.06	152.81	203.79	171.56	109.36	1321.69
24 1984	88.85	79.02	78.09	79.20	110.78	156.18	172.38	211.75	208.82	200.14	200.64	129.28	1715.13
25 1985	94.27	83.52	78.67	78.89	92.27	140.78	175.93	206.48	200.31	192.16	139.03	105.12	1587.42
26 1986	88.52	78.79	78.00	77.84	101.83	108.11	147.76	186.18	200.37	199.36	148.66	153.96	1569.39
27 1987	93.80	79.27	78.21	77.67	77.84	79.69	101.28	151.50	166.34	109.79	199.92	89.05	1234.37
28 1988	83.29	78.83	78.49	78.24	84.31	115.43	109.61	140.75	127.43	184.15	135.31	99.30	1305.14
29 1989	88.79	83.28	79.31	83.06	109.99	119.40	172.88	203.50	198.53	155.67	109.89	98.79	1503.08
30 1990	79.54	78.70	78.25	78.12	80.53	115.65	147.55	191.27	203.45	211.62	199.20	122.58	1586.48
TOTAL	2567.29	2334.57	2390.01	2594.99	2978.73	3626.59	4129.58	5095.17	5576.36	5329.50	4416.21	3206.05	44245.04
AVE	85.58	77.62	79.67	86.50	99.29	120.89	137.65	169.84	185.88	177.65	147.21	106.87	1474.84
MAX	114.22	102.10	115.16	141.94	179.91	204.87	203.71	232.32	232.32	232.32	182.00	139.86	2075.92
MIN	41.98	34.42	40.98	76.31	76.31	76.53	78.08	82.38	89.44	82.87	87.74	60.22	868.54

Result of Reservoir Operation
 (The Sesan river system case-4 Sesan3 - project)



Result of Monthly Energy Calculation
 (The Sesan river system case-5 Sesan4 - project)

* MONTHLY TOTAL ENERGY (GMH) *

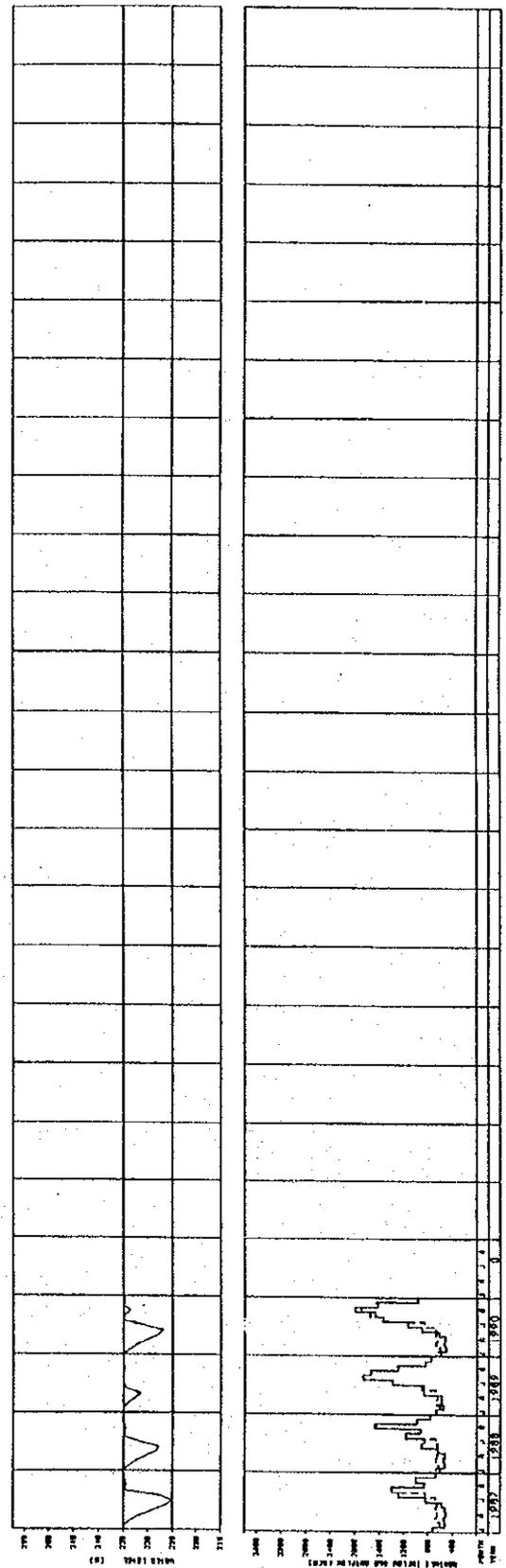
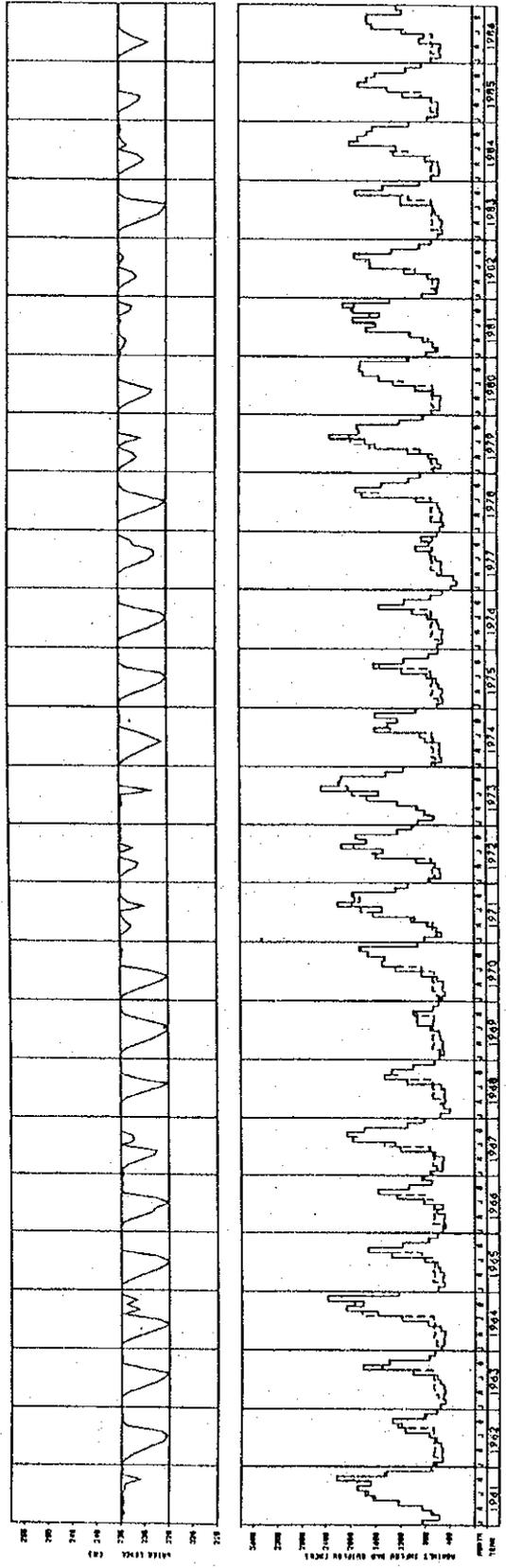
NO.	YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	< TOTAL >
1	1961	139.16	99.14	109.72	142.23	196.05	250.85	273.38	287.80	278.52	287.80	228.64	110.02	2403.32
2	1962	109.84	97.75	105.41	98.59	98.33	92.94	96.44	103.11	189.27	212.65	128.93	100.12	1433.39
3	1963	90.70	77.28	96.00	102.82	101.75	94.91	99.19	99.19	229.17	221.09	118.52	106.01	1433.14
4	1964	88.22	100.89	105.10	97.24	96.39	93.10	103.97	131.70	278.52	287.80	278.52	197.59	2000.80
5	1965	96.20	96.18	105.77	98.37	97.89	92.40	96.58	131.70	265.87	189.02	119.36	98.45	1487.79
6	1966	84.28	81.24	107.35	99.56	99.73	93.67	96.74	123.63	243.15	171.91	109.59	139.48	1449.33
7	1967	109.70	98.45	105.88	98.54	99.15	111.82	224.59	287.80	278.52	274.85	175.11	130.86	1995.26
8	1968	87.76	62.49	79.87	88.34	106.04	97.87	96.70	100.19	194.03	212.92	157.42	104.88	1388.50
9	1969	90.84	99.11	106.85	99.54	99.12	92.90	99.28	99.28	102.29	149.47	106.73	93.56	1224.87
10	1970	92.41	97.12	103.61	96.08	95.85	94.38	132.90	236.89	228.64	265.72	278.52	147.49	1869.80
11	1971	130.53	98.65	107.45	107.25	154.56	251.04	271.20	283.30	278.52	287.80	206.12	171.88	2350.31
12	1972	113.31	102.25	106.69	101.43	110.32	243.59	254.14	287.80	271.99	287.61	197.72	155.45	2232.31
13	1973	147.26	102.41	130.58	150.24	195.88	264.38	283.45	284.74	278.52	287.80	221.93	181.12	2528.32
14	1974	169.71	97.35	184.82	98.35	98.34	95.00	102.16	207.58	221.31	196.28	243.40	148.61	1722.92
15	1975	94.51	90.65	106.45	98.95	98.37	92.58	95.66	105.49	234.35	180.92	115.69	91.30	1494.91
16	1976	92.70	87.46	107.14	99.52	98.35	98.75	95.58	100.48	193.31	180.81	108.63	78.32	1335.52
17	1977	54.65	40.48	49.08	93.57	106.51	99.28	99.88	98.89	99.08	106.07	104.97	91.91	1044.17
18	1978	86.00	77.30	107.75	100.22	99.42	92.92	98.03	224.33	276.12	228.70	167.28	139.15	1697.20
19	1979	109.88	97.54	105.54	101.69	136.33	256.23	287.04	287.80	278.52	287.80	190.56	130.57	2269.32
20	1980	110.10	101.68	105.71	98.83	99.87	99.59	177.59	236.94	273.04	282.14	278.52	172.12	2036.12
21	1981	121.33	98.50	108.12	116.59	163.85	265.44	251.91	287.80	254.34	287.80	278.52	213.53	2446.85
22	1982	130.78	99.31	108.26	102.24	105.08	147.76	258.76	263.99	277.20	212.86	136.25	109.42	1951.92
23	1983	92.80	87.95	107.11	99.64	99.00	93.34	95.24	101.15	164.83	287.80	239.17	138.94	1596.98
24	1984	110.05	101.85	106.03	99.80	103.06	93.34	95.24	101.15	164.83	287.80	239.17	138.94	1596.98
25	1985	113.46	99.18	107.85	101.74	103.54	162.18	210.38	287.80	278.52	287.80	239.17	138.94	2138.78
26	1986	110.20	98.31	105.92	99.04	102.86	130.44	220.99	281.51	265.43	244.12	174.70	130.47	1973.42
27	1987	118.35	98.49	106.40	99.57	99.04	92.76	97.03	131.98	250.49	266.42	182.61	197.21	1954.35
28	1988	108.65	100.73	104.88	98.40	99.62	99.11	107.83	188.45	150.30	259.06	159.16	122.24	1471.78
29	1989	110.31	98.94	107.75	102.32	107.25	142.41	221.37	272.80	272.80	205.12	134.79	122.24	1912.78
30	1990	109.43	98.81	104.26	97.62	98.43	100.49	135.23	244.44	269.48	287.80	257.94	153.30	1955.22
	TOTAL	3163.7	2775.5	3123.4	3088.4	3370.5	4039.4	4845.6	6189.4	7110.9	7054.5	5497.9	4049.4	54308.5
	AVE	105.46	92.52	104.11	102.95	112.35	134.65	161.52	206.31	237.03	235.15	183.26	134.98	1810.28
	MAX	147.26	102.41	130.58	150.24	196.05	265.44	287.80	287.80	278.52	287.80	278.52	213.53	2528.32
	MIN	54.65	40.48	49.08	88.34	95.85	92.40	95.24	98.89	99.08	106.07	104.97	78.32	1044.17

Result of Monthly Capacity
(The Sesan river system case-5 Sesan4 - project)

* MONTHLY PEAK POWER (MW) *

NO. YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	<TOTAL>
1	187.04	147.54	147.48	197.55	253.51	348.40	367.45	386.83	386.83	317.55	147.88	147.88	3284.88
2	196.2	147.64	145.46	136.93	129.16	129.09	129.82	138.59	262.88	285.82	179.07	136.57	1963.51
3	193.3	121.91	114.99	139.03	136.76	131.82	128.52	133.32	318.59	297.17	164.62	142.49	1961.82
4	194.5	118.58	144.95	135.06	129.56	129.31	139.75	367.56	386.83	386.83	386.83	265.57	2732.09
5	196.5	129.30	143.13	136.62	131.57	128.33	129.81	177.01	369.26	254.06	165.78	132.33	2039.38
6	196.6	115.28	120.90	138.28	134.94	130.09	130.93	166.17	337.70	251.06	152.21	186.13	1984.19
7	196.7	147.45	146.51	136.86	133.27	155.31	301.86	386.83	386.83	369.43	243.21	175.88	2785.74
8	196.8	117.95	89.79	107.36	122.69	129.03	128.17	133.44	269.49	284.19	218.63	149.97	1896.15
9	196.9	121.83	132.61	138.28	133.22	129.03	128.17	133.44	142.06	209.90	148.24	125.76	1677.15
10	197.0	124.20	144.52	139.35	133.64	131.09	178.63	318.40	317.56	357.14	386.83	188.24	2558.14
11	197.1	175.44	146.81	144.82	207.74	348.67	364.52	386.83	386.83	386.83	286.27	231.03	3210.99
12	197.2	152.30	146.91	140.87	148.28	336.33	341.59	386.83	377.76	386.57	274.61	208.94	3046.40
13	197.3	197.93	152.40	208.57	263.28	367.19	380.98	386.83	386.83	386.83	308.24	243.44	3454.03
14	197.4	147.46	144.87	140.88	132.18	131.95	137.31	279.01	307.38	243.81	338.05	199.75	2359.26
15	197.5	127.03	134.90	137.43	132.22	128.58	128.58	141.78	325.49	243.17	160.68	122.71	1925.65
16	197.6	124.59	125.66	138.23	132.83	128.82	128.47	135.05	268.48	245.03	150.37	105.27	1825.30
17	197.7	73.45	60.24	65.97	143.16	137.89	133.98	132.92	137.61	142.56	145.79	123.54	1427.07
18	197.8	115.59	115.04	144.82	139.19	133.63	139.05	131.76	301.51	383.50	232.33	187.03	2320.83
19	197.9	147.42	145.14	141.88	141.24	183.24	335.88	386.83	386.83	386.83	264.66	175.49	3101.26
20	198.0	147.99	146.09	142.08	137.27	134.23	238.69	318.47	379.22	379.22	386.83	231.35	2779.75
21	198.1	163.08	146.58	145.32	161.93	368.67	337.38	386.83	353.25	386.83	386.83	257.01	3343.95
22	198.2	175.28	147.79	145.50	142.01	205.22	347.79	386.83	384.99	286.11	189.24	147.07	2667.57
23	198.3	124.73	130.88	138.39	133.07	199.64	128.01	135.95	228.94	386.83	318.30	186.75	2185.45
24	198.4	147.92	146.34	142.52	138.61	235.26	282.76	386.83	386.37	357.38	346.91	220.13	2919.54
25	198.5	152.50	147.60	141.30	139.16	181.17	297.03	378.37	368.66	328.11	242.63	175.36	2696.85
26	198.6	168.12	146.30	137.59	138.25	153.45	229.67	338.80	368.75	358.09	253.63	265.07	2670.09
27	198.7	159.07	146.56	145.02	136.29	132.83	130.42	177.39	306.23	186.06	220.63	148.38	2018.00
28	198.8	147.58	144.72	140.97	133.90	137.65	144.93	253.30	208.75	348.20	221.06	164.30	2181.83
29	198.9	148.26	147.24	144.83	142.11	197.79	297.54	386.83	378.44	275.70	187.21	164.30	2614.40
30	199.0	147.08	144.06	140.14	132.29	139.56	181.76	328.55	374.28	358.25	206.04	206.04	2674.43
TOTAL	4252.31	4096.52	4198.06	4289.41	4530.18	5610.29	6512.86	8319.07	9876.29	9481.78	7635.96	5442.79	74245.50
AVE	141.74	136.55	139.94	142.98	151.01	187.01	217.10	277.30	329.21	316.06	254.53	181.43	2474.85
MAX	197.93	152.40	175.52	208.67	263.51	368.67	385.81	386.83	386.83	386.83	287.01	3454.03	3454.03
MIN	73.45	60.24	65.97	122.69	128.84	128.33	128.01	132.92	137.61	142.56	145.79	105.27	1427.07

Result of Reservoir Operation
 (The Sesan river system case-5 Sesan4 - project)



Result of Monthly Energy Calculation
(The Dong Nai river system case-1 Nhim - project)

* MONTHLY TOTAL ENERGY (GWH) *

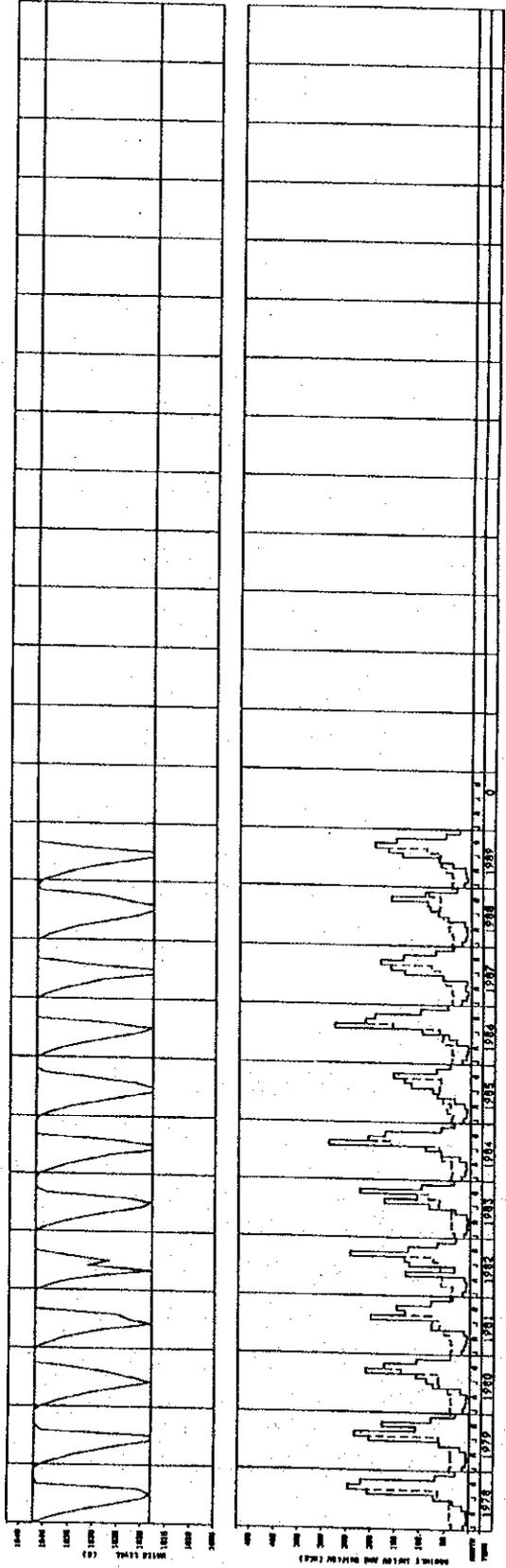
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1 1978	63.94	67.41	74.25	71.40	73.28	70.57	119.04	119.04	115.20	119.04	115.20	74.98	1083.35
2 1979	74.78	67.27	74.11	71.27	80.33	113.93	119.04	119.04	115.20	119.04	115.20	74.99	1144.19
3 1980	74.80	69.70	74.14	71.31	82.44	115.20	119.04	119.04	115.20	119.04	115.20	75.04	1150.15
4 1981	74.92	67.45	74.36	77.86	97.84	115.20	119.04	119.04	115.20	119.04	115.20	75.02	1170.17
5 1982	74.87	67.37	110.85	106.40	119.04	115.20	119.04	119.04	115.20	119.04	115.20	75.01	1235.15
6 1983	60.79	67.46	74.34	71.52	73.37	70.60	119.04	119.04	115.20	119.04	115.20	75.00	1080.42
7 1984	74.86	69.79	74.25	71.46	110.03	110.27	119.04	119.04	115.20	119.04	115.20	81.67	1173.17
8 1985	74.84	67.34	90.77	77.56	106.21	115.20	119.04	119.04	115.20	119.04	115.20	91.86	1201.10
9 1986	74.92	67.45	74.33	71.52	109.83	103.03	119.04	119.04	115.20	119.04	115.20	75.02	1182.46
10 1987	74.92	67.45	74.33	77.89	98.01	106.85	119.04	119.04	115.20	119.04	115.20	74.99	1162.02
11 1988	74.90	69.84	74.33	87.53	73.37	106.22	119.04	119.04	115.20	119.04	115.20	74.99	1148.71
12 1989	74.81	67.32	74.20	97.03	115.81	115.20	119.04	119.04	115.20	119.04	100.02	45.32	1162.04
TOTAL	873.4	815.9	944.3	932.8	1139.6	1239.5	1428.5	1428.5	1382.4	1428.5	1367.2	872.8	13893.1
AVE	72.78	67.99	78.69	79.40	94.96	104.96	119.04	119.04	115.20	119.04	113.94	72.73	1157.76
MAX	74.92	69.84	110.85	106.40	119.04	115.20	119.04	119.04	115.20	119.04	115.20	91.86	1235.15
MIN	60.79	67.27	74.11	71.27	73.28	70.57	119.04	119.04	115.20	119.04	100.02	45.32	1080.62

Result of Monthly Capacity
(The Dong Nai river system case-1 Nhim - project)

* MONTHLY PEAK POWER (MW) *

NO. YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	< TOTAL >
1 1978	85.94	100.31	99.79	99.17	98.49	98.02	160.00	160.00	160.00	160.00	160.00	100.78	1482.51
2 1979	100.51	100.11	99.61	98.99	107.97	158.23	160.00	160.00	160.00	160.00	160.00	100.79	1566.21
3 1980	100.54	100.14	99.65	99.04	110.81	160.00	160.00	160.00	160.00	160.00	160.00	100.86	1571.05
4 1981	100.70	100.37	99.94	108.14	131.51	160.00	160.00	160.00	160.00	160.00	160.00	100.83	1601.49
5 1982	100.63	100.25	148.99	147.77	160.00	160.00	160.00	160.00	160.00	160.00	160.00	72.47	1690.11
6 1983	81.71	100.39	99.92	99.34	98.62	98.05	160.00	160.00	160.00	160.00	160.00	100.82	1478.85
7 1984	100.62	100.27	99.80	99.25	147.89	153.15	160.00	160.00	160.00	160.00	160.00	100.80	1601.78
8 1985	100.59	100.21	122.00	107.72	142.75	160.00	160.00	160.00	160.00	160.00	160.00	109.77	1643.04
9 1986	100.70	100.37	99.91	99.34	147.62	145.87	160.00	160.00	160.00	160.00	160.00	123.47	1617.28
10 1987	100.70	100.38	99.93	108.18	131.74	148.40	160.00	160.00	160.00	160.00	160.00	100.84	1590.17
11 1988	100.68	100.35	98.91	121.58	98.62	147.53	160.00	160.00	160.00	160.00	160.00	100.80	1569.45
12 1989	100.56	100.18	99.75	134.77	153.66	160.00	160.00	160.00	160.00	160.00	138.92	60.92	1590.72
TOTAL	1173.87	1203.33	1269.18	1323.29	1531.67	1749.25	1920.00	1920.00	1920.00	1920.00	1898.92	1173.13	19002.62
AVE	97.82	100.28	105.77	110.27	127.64	145.77	160.00	160.00	160.00	160.00	158.24	97.76	1583.55
MAX	100.70	100.39	148.99	147.77	160.00	160.00	160.00	160.00	160.00	160.00	160.00	123.47	1690.11
MIN	81.71	100.11	98.61	98.99	98.49	98.02	160.00	160.00	160.00	160.00	138.92	60.92	1478.85

Result of Reservoir Operation
 (The Dong Nai river system case-1 Nhim - project)



Result of Monthly Energy Calculation
(The Dong Nai river system case-2 Tri Anh - project)

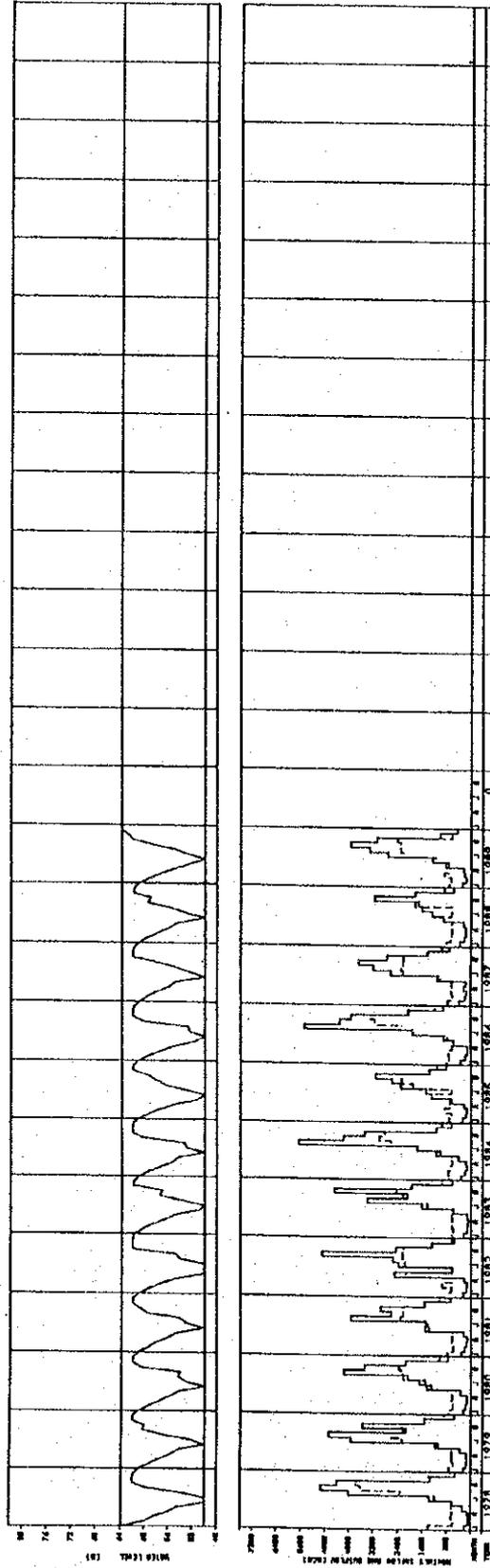
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1 1978	190.36	76.46	81.60	76.00	73.36	67.22	134.11	275.17	284.10	293.57	188.73	108.83	1849.53
2 1979	95.98	74.43	80.58	73.36	73.13	119.14	256.95	290.52	284.10	293.57	208.99	119.76	1974.51
3 1980	96.04	78.93	80.75	75.48	73.16	144.52	174.56	250.40	269.62	293.57	284.10	141.18	1962.32
4 1981	103.87	75.83	81.41	76.04	73.61	152.52	165.24	274.27	284.10	293.57	209.02	160.99	1950.29
5 1982	95.90	83.92	117.36	71.02	218.69	67.37	233.61	256.65	279.32	293.57	174.62	88.54	1978.58
6 1983	87.38	77.00	82.42	76.86	74.43	67.93	159.65	266.01	269.22	293.57	266.64	130.12	1851.24
7 1984	95.98	96.55	82.98	75.04	73.01	111.70	197.74	274.78	284.10	293.57	158.46	130.46	1874.37
8 1985	96.10	84.17	108.92	80.79	75.98	128.26	77.48	234.56	281.44	293.57	188.92	131.64	1801.84
9 1986	106.62	93.17	90.33	72.94	71.07	83.90	210.96	271.91	284.10	293.57	275.96	161.91	2018.66
10 1987	100.86	75.88	81.33	76.18	73.62	111.01	248.18	271.58	284.10	293.57	198.78	130.35	1945.45
11 1988	106.75	86.82	80.90	75.80	73.38	86.43	76.90	82.12	236.15	293.57	247.42	119.51	1565.75
12 1989	95.96	84.02	108.90	81.92	92.55	127.65	249.75	273.61	284.10	293.57	87.68	65.32	1847.02
TOTAL	1271.8	989.2	1077.7	913.4	1045.8	1269.7	2185.1	3021.6	3324.5	3522.9	2489.3	1488.6	22599.5
AVE	105.98	82.43	89.81	76.12	87.15	105.80	182.10	251.80	277.04	293.57	207.44	124.05	1883.29
MAX	190.36	96.55	117.36	81.92	218.69	152.52	256.95	290.52	284.10	293.57	284.10	161.91	2018.66
MIN	87.38	75.83	80.58	71.02	71.07	67.22	76.90	82.12	236.15	293.57	87.68	65.32	1565.75

Result of Monthly Capacity
(The Dong Nai river system case-2 Tri Anh - project)

* MONTHLY PEAK POWER (MW) *

NO. YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	< TOTAL >
1 1978	255.87	113.79	109.68	105.55	98.60	93.36	180.26	369.86	394.59	394.59	262.12	146.27	2524.54
2 1979	129.00	113.74	108.30	104.67	98.29	165.67	345.37	390.48	394.59	394.59	290.26	160.96	2695.73
3 1980	129.09	113.40	108.54	104.83	98.34	200.72	336.63	336.56	374.47	394.59	290.30	189.76	2679.51
4 1981	139.62	112.85	109.42	105.61	98.67	211.83	222.10	368.64	394.59	394.59	242.53	119.00	2637.74
5 1982	128.89	124.88	157.74	98.65	293.94	93.57	314.00	342.27	387.94	394.59	242.53	119.00	2698.00
6 1983	117.45	114.58	110.77	106.75	100.05	94.35	214.59	357.55	373.91	394.59	320.34	174.89	2539.81
7 1984	129.00	138.73	111.53	104.22	98.13	155.14	265.78	369.33	394.59	394.59	270.08	175.36	2556.47
8 1985	129.17	125.25	146.40	112.20	102.13	178.14	104.14	315.27	390.89	394.59	262.59	203.82	2464.39
9 1986	143.51	138.64	121.68	101.30	95.53	119.31	283.56	365.47	394.59	394.59	383.28	217.62	2738.88
10 1987	135.56	112.92	109.31	105.81	98.95	154.18	333.57	365.03	394.59	394.59	276.08	175.20	2655.80
11 1988	143.49	124.75	108.74	105.27	98.42	120.04	103.35	110.37	327.99	394.59	343.64	160.63	2141.48
12 1989	128.97	125.03	146.37	113.78	124.39	177.29	335.68	370.44	394.59	394.59	121.77	87.79	2520.70
TOTAL	1709.42	1458.55	1448.49	1268.64	1405.64	1763.41	2937.02	4061.27	4617.34	4735.08	3457.38	2000.81	30863.02
AVE	142.45	121.55	120.71	105.72	117.14	146.95	244.75	338.44	384.78	394.59	288.11	166.73	2571.92
MAX	255.87	138.73	157.74	113.78	293.94	211.83	345.37	390.48	394.59	394.59	394.59	217.62	2738.88
MIN	117.45	112.85	108.30	98.65	95.53	93.36	103.35	110.37	327.99	394.59	121.77	87.79	2141.48

Result of Reservoir Operation
 (The Dong Nai river system case-2 Thi Anh - project)



Result of Monthly Energy Calculation
 (The Dong Nai river system case-3 Ham Thuan - project)

NO. YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	< TOTAL >
1 1978	64.77	57.70	62.85	59.70	60.51	57.67	59.44	82.73	154.23	200.84	76.94	64.91	1002.27
2 1979	64.23	57.22	62.32	59.18	60.03	57.65	61.39	136.61	141.84	170.42	85.23	64.87	1020.98
3 1980	64.21	59.24	62.30	59.15	59.96	57.76	60.35	61.35	98.78	146.10	118.22	64.94	912.35
4 1981	64.41	57.64	62.67	59.55	60.34	58.12	60.61	62.43	92.59	146.69	85.28	64.96	875.12
5 1982	64.37	57.37	62.51	59.45	61.74	60.30	84.55	126.45	155.53	138.85	70.43	61.08	1002.82
6 1983	64.32	57.31	62.41	59.25	59.89	54.88	58.79	60.70	65.87	128.56	110.14	64.92	869.03
7 1984	64.33	59.41	62.51	59.41	60.33	57.98	60.41	140.88	164.21	186.52	63.06	64.97	1044.06
8 1985	64.36	57.36	62.51	59.45	60.59	58.47	60.82	61.79	61.27	112.81	76.82	64.95	801.21
9 1986	64.46	57.51	62.68	59.55	60.57	58.11	60.45	133.31	179.07	201.46	118.29	65.00	1120.46
10 1987	64.56	57.63	62.84	59.79	60.63	58.06	60.99	63.06	141.12	154.98	76.81	64.92	925.39
11 1988	64.37	59.48	62.61	59.53	60.37	57.73	59.65	60.13	58.93	62.46	61.90	64.05	731.21
12 1989	63.34	56.37	61.35	58.26	59.31	57.25	60.40	62.68	140.74	159.53	58.90	26.77	864.90
TOTAL	771.7	694.1	749.6	712.3	724.3	696.0	747.8	1032.1	1454.2	1809.2	1002.0	736.3	11149.6
AVE	64.31	57.84	62.46	59.36	60.36	58.00	62.32	87.68	121.18	150.77	83.50	61.36	929.13
MAX	64.77	59.48	62.85	59.79	61.74	60.30	84.55	140.88	179.07	201.46	118.29	65.00	1120.46
MIN	63.34	56.37	61.35	58.26	59.31	56.88	58.79	60.13	58.93	62.46	58.90	26.77	731.21

* MONTHLY TOTAL ENERGY (GWH) *

Result of Monthly Capacity
(The Dong Nai river system case-3 Ham Thuan - project)

* MONTHLY PEAK POWER (MW) *

NO. YEAR	< JAN >	< FEB >	< MAR >	< APR >	< MAY >	< JUN >	< JUL >	< AUG >	< SEP >	< OCT >	< NOV >	< DEC >	< TOTAL >
1 1978	87.05	85.87	84.48	82.91	81.33	80.09	79.89	111.19	214.21	269.94	106.86	87.24	1371.06
2 1979	86.33	85.15	83.77	82.20	80.68	80.07	82.51	183.61	197.00	229.06	118.37	87.19	1395.93
3 1980	86.30	85.11	83.73	82.15	80.59	80.22	81.12	82.46	137.19	196.37	164.20	87.29	1246.73
4 1981	86.57	85.51	84.23	82.71	81.11	80.72	81.47	83.91	128.60	197.17	118.44	87.31	1197.75
5 1982	86.52	85.37	84.02	82.57	82.98	83.75	113.64	169.96	216.02	186.62	97.82	82.10	1371.36
6 1983	86.46	85.28	83.89	82.29	80.50	79.00	79.02	81.58	91.49	172.79	152.97	87.26	1162.50
7 1984	86.47	85.37	84.02	82.51	81.11	80.53	81.19	189.36	229.08	250.70	87.58	87.32	1424.25
8 1985	86.51	85.34	84.02	82.58	81.44	81.21	81.75	83.05	85.09	151.62	106.69	87.30	1096.63
9 1986	86.64	85.58	84.25	82.71	81.41	80.71	81.25	179.18	228.70	270.78	164.29	87.36	1532.87
10 1987	86.77	85.75	84.46	83.04	81.49	80.65	81.98	84.76	156.00	208.31	106.68	87.25	1267.15
11 1988	86.52	85.45	84.15	82.68	81.15	80.18	80.17	80.82	81.85	83.95	85.97	86.09	998.99
12 1989	85.13	83.89	82.46	80.91	79.72	79.52	81.16	84.24	195.47	214.42	81.80	35.98	1184.73
TOTAL	1037.26	1023.68	1007.49	989.26	973.50	966.64	1005.17	1414.14	2019.70	2431.72	1391.68	989.70	15249.93
AVE	86.44	85.31	83.96	82.44	81.13	80.55	83.76	117.85	168.51	202.64	115.97	82.47	1270.83
MAX	87.05	85.87	84.48	83.04	82.98	83.75	113.64	189.36	228.70	270.78	164.29	87.36	1532.87
MIN	85.13	83.89	82.46	80.91	79.72	79.00	79.02	80.82	81.85	83.95	81.80	35.98	998.99

Result of Capacity Duration
(The Dong Nai river system case-3 Ham Thuan - project)

NO.	DATE	P	NO.	DATE	P	NO.	DATE	P	NO.	DATE	P	NO.	DATE	P	NO.	DATE	P	NO.	DATE	P		
1	8610	270.8	61	8702	85.8	121	8805	81.1	181	0.0	301	0.0	361	0.0	420	0.0	480	0.0	540	0.0	600	0.0
2	7810	269.9	62	8602	85.6	122	8007	81.1	182	0.0	302	0.0	362	0.0	420	0.0	480	0.0	540	0.0	600	0.0
3	8410	250.7	63	8102	85.5	123	8405	81.1	183	0.0	303	0.0	363	0.0	420	0.0	480	0.0	540	0.0	600	0.0
4	8609	248.7	64	8802	85.4	124	8105	81.1	184	0.0	304	0.0	364	0.0	420	0.0	480	0.0	540	0.0	600	0.0
5	7910	229.1	65	8202	85.4	125	8904	80.9	185	0.0	305	0.0	365	0.0	420	0.0	480	0.0	540	0.0	600	0.0
6	8409	228.1	66	8402	85.4	126	8808	80.8	186	0.0	306	0.0	366	0.0	420	0.0	480	0.0	540	0.0	600	0.0
7	8209	216.0	67	8502	85.3	127	8106	80.7	187	0.0	307	0.0	367	0.0	420	0.0	480	0.0	540	0.0	600	0.0
8	8910	214.4	68	8302	85.3	128	8606	80.7	188	0.0	308	0.0	368	0.0	420	0.0	480	0.0	540	0.0	600	0.0
9	7809	214.2	69	7902	85.1	129	7905	80.7	189	0.0	309	0.0	369	0.0	420	0.0	480	0.0	540	0.0	600	0.0
10	8710	208.3	70	8901	85.1	130	8706	80.6	190	0.0	310	0.0	370	0.0	420	0.0	480	0.0	540	0.0	600	0.0
11	8110	197.2	71	8002	85.1	131	8005	80.6	191	0.0	311	0.0	371	0.0	420	0.0	480	0.0	540	0.0	600	0.0
12	7909	197.0	72	8509	85.1	132	8406	80.5	192	0.0	312	0.0	372	0.0	420	0.0	480	0.0	540	0.0	600	0.0
13	8010	196.4	73	8708	84.8	133	8305	80.5	193	0.0	313	0.0	373	0.0	420	0.0	480	0.0	540	0.0	600	0.0
14	8709	194.0	74	7803	84.5	134	8006	80.2	194	0.0	314	0.0	374	0.0	420	0.0	480	0.0	540	0.0	600	0.0
15	8909	192.5	75	8703	84.5	135	8806	80.2	195	0.0	315	0.0	375	0.0	420	0.0	480	0.0	540	0.0	600	0.0
16	8408	189.4	76	8603	84.3	136	8807	80.2	196	0.0	316	0.0	376	0.0	420	0.0	480	0.0	540	0.0	600	0.0
17	8210	186.6	77	8908	84.2	137	7806	80.1	197	0.0	317	0.0	377	0.0	420	0.0	480	0.0	540	0.0	600	0.0
18	7908	183.6	78	8103	84.2	138	7906	80.1	198	0.0	318	0.0	378	0.0	420	0.0	480	0.0	540	0.0	600	0.0
19	8408	179.2	79	8803	84.2	139	7807	79.9	199	0.0	319	0.0	379	0.0	420	0.0	480	0.0	540	0.0	600	0.0
20	8310	178.8	80	8503	84.0	140	8905	79.7	200	0.0	320	0.0	380	0.0	420	0.0	480	0.0	540	0.0	600	0.0
21	8208	170.0	81	8403	84.0	141	8906	79.5	201	0.0	321	0.0	381	0.0	420	0.0	480	0.0	540	0.0	600	0.0
22	8011	164.2	82	8203	84.0	142	8307	79.0	202	0.0	322	0.0	382	0.0	420	0.0	480	0.0	540	0.0	600	0.0
23	8011	164.2	83	8810	83.9	143	8306	79.0	203	0.0	323	0.0	383	0.0	420	0.0	480	0.0	540	0.0	600	0.0
24	8311	153.0	84	8108	83.9	144	8912	36.0	204	0.0	324	0.0	384	0.0	420	0.0	480	0.0	540	0.0	600	0.0
25	8510	151.6	85	8303	83.9	145	0	0.0	205	0.0	325	0.0	385	0.0	420	0.0	480	0.0	540	0.0	600	0.0
26	8009	137.2	86	8902	83.9	146	0	0.0	206	0.0	326	0.0	386	0.0	420	0.0	480	0.0	540	0.0	600	0.0
27	8109	128.6	87	7903	83.8	147	0	0.0	207	0.0	327	0.0	387	0.0	420	0.0	480	0.0	540	0.0	600	0.0
28	8111	118.4	88	8206	83.8	148	0	0.0	208	0.0	328	0.0	388	0.0	420	0.0	480	0.0	540	0.0	600	0.0
29	7911	118.4	89	8003	83.7	149	0	0.0	209	0.0	329	0.0	389	0.0	420	0.0	480	0.0	540	0.0	600	0.0
30	8207	113.6	90	8508	83.0	150	0	0.0	210	0.0	330	0.0	390	0.0	420	0.0	480	0.0	540	0.0	600	0.0
31	7808	111.2	91	8704	83.0	151	0	0.0	211	0.0	331	0.0	391	0.0	420	0.0	480	0.0	540	0.0	600	0.0
32	7811	106.9	92	8205	83.0	152	0	0.0	212	0.0	332	0.0	392	0.0	420	0.0	480	0.0	540	0.0	600	0.0
33	8511	106.7	93	7804	82.9	153	0	0.0	213	0.0	333	0.0	393	0.0	420	0.0	480	0.0	540	0.0	600	0.0
34	8711	106.7	94	8104	82.7	154	0	0.0	214	0.0	334	0.0	394	0.0	420	0.0	480	0.0	540	0.0	600	0.0
35	8211	97.8	95	8604	82.7	155	0	0.0	215	0.0	335	0.0	395	0.0	420	0.0	480	0.0	540	0.0	600	0.0
36	8309	91.3	96	8804	82.7	156	0	0.0	216	0.0	336	0.0	396	0.0	420	0.0	480	0.0	540	0.0	600	0.0
37	8411	87.6	97	8504	82.6	157	0	0.0	217	0.0	337	0.0	397	0.0	420	0.0	480	0.0	540	0.0	600	0.0
38	8612	87.4	98	8204	82.6	158	0	0.0	218	0.0	338	0.0	398	0.0	420	0.0	480	0.0	540	0.0	600	0.0
39	8412	87.3	99	8404	82.5	159	0	0.0	219	0.0	339	0.0	399	0.0	420	0.0	480	0.0	540	0.0	600	0.0
40	8112	87.3	100	7907	82.5	160	0	0.0	220	0.0	340	0.0	400	0.0	420	0.0	480	0.0	540	0.0	600	0.0
41	8512	87.3	101	8008	82.5	161	0	0.0	221	0.0	341	0.0	401	0.0	420	0.0	480	0.0	540	0.0	600	0.0
42	8012	87.3	102	8903	82.5	162	0	0.0	222	0.0	342	0.0	402	0.0	420	0.0	480	0.0	540	0.0	600	0.0
43	8312	87.3	103	8304	82.3	163	0	0.0	223	0.0	343	0.0	403	0.0	420	0.0	480	0.0	540	0.0	600	0.0
44	8712	87.3	104	7904	82.2	164	0	0.0	224	0.0	344	0.0	404	0.0	420	0.0	480	0.0	540	0.0	600	0.0
45	7812	87.2	105	8004	82.1	165	0	0.0	225	0.0	345	0.0	405	0.0	420	0.0	480	0.0	540	0.0	600	0.0
46	7912	87.2	106	8212	82.1	166	0	0.0	226	0.0	346	0.0	406	0.0	420	0.0	480	0.0	540	0.0	600	0.0
47	7801	87.1	107	8707	82.0	167	0	0.0	227	0.0	347	0.0	407	0.0	420	0.0	480	0.0	540	0.0	600	0.0
48	8701	86.8	108	8809	81.9	168	0	0.0	228	0.0	348	0.0	408	0.0	420	0.0	480	0.0	540	0.0	600	0.0
49	8601	86.6	109	8911	81.8	169	0	0.0	229	0.0	349	0.0	409	0.0	420	0.0	480	0.0	540	0.0	600	0.0
50	8101	86.6	110	8507	81.8	170	0	0.0	230	0.0	350	0.0	410	0.0	420	0.0	480	0.0	540	0.0	600	0.0
51	8801	86.5	111	8308	81.6	171	0	0.0	231	0.0	351	0.0	411	0.0	420	0.0	480	0.0	540	0.0	600	0.0
52	8201	86.5	112	8705	81.5	172	0	0.0	232	0.0	352	0.0	412	0.0	420	0.0	480	0.0	540	0.0	600	0.0
53	8501	86.5	113	8107	81.5	173	0	0.0	233	0.0	353	0.0	413	0.0	420	0.0	480	0.0	540	0.0	600	0.0
54	8401	86.5	114	8505	81.4	174	0	0.0	234	0.0	354	0.0	414	0.0	420	0.0	480	0.0	540	0.0	600	0.0
55	8301	86.5	115	8605	81.4	175	0	0.0	235	0.0	355	0.0	415	0.0	420	0.0	480	0.0	540	0.0	600	0.0
56	7901	86.3	116	7805	81.3	176	0	0.0	236	0.0	356	0.0	416	0.0	420	0.0	480	0.0	540	0.0	600	0.0
57	8001	86.3	117	8607	81.3	177	0	0.0	237	0.0	357	0.0	417	0.0	420	0.0	480	0.0	540	0.0	600	0.0
58	8812	86.1	118	8504	81.2	178	0	0.0	238	0.0	358	0.0	418	0.0	420	0.0	480	0.0	540	0.0	600	0.0
59	8811	86.0	119	8407	81.2	179	0	0.0	239	0.0	359	0.0	419	0.0	420	0.0	480	0.0	540	0.0	600	0.0
60	7802	85.9	120	8907	81.2	180	0	0.0	240	0.0	360	0.0	420	0.0	480	0.0	540	0.0	600	0.0	600	0.0

Result of Reservoir Operation
 (The Dong Nai river system case-3 Ham Thuan - project)

