

















APPENDIX II

INVENTORY OF POTENTIAL SITE FOR THE FIRST SCREENING

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-:-NOTE A SAUGH 1.0 AR : Lrandas (3.Lanas) LATITUDE 1. EGNO CERT.A : 'LIM
4. POTENTIAL SITA : LAM
5. ICENTIFICATION MO.: 11
47. LOCATION : 'L

о. Э

CONFLUENCE OF THE SAMALASAK 5. DISTANCE FROM LOAD CENTER : 51.0 KM 6. TYPE OF DEVELOPMENT : RESERVOIR

7. PRUJECT FEATURES

700.0 (34.5) 10WU) E E (4M/YR) CAYCHAGAI AFGA
AAX, 10FDO 19FJUL BLEVATION (F)
MAX, 10FDO 19FJUL BLEVATION (F)
MAX, 10FJUL OF DAM GETT
MAX, 10FJUL OF DAM GETT
MAYERAGE ANNUAL MAINTAIL
AVERAGE ANNUAL SUMPRATION
AVERAGE ANNUAL ROWDER MUNDRAGE TUNNEL LENSTH PRNSTOCK TUNNEL LENGTH PLANT FACTOR DENUDATION RATE

8. PRELIBITARY PUNER DUTPUT CALCULATION

DESCRIPTION	TIMO	CASE-1	CASSIL	CASE-3	CA26-4	5-38v3	CASE-6	CASE-7	CASE-8	CASE-9
		0.00					766 0	469	727.0	728-0
0.00 m 0.	- 1		7.			2			27.70	21-16
00 FALIDO 10 STREET	7 C Z C Z	1000		C C C C C C C	7 * 6 %	r c	7 - 6 7		- 7 tr	4.7.7
プロカト しょくしゅうこの	7 7 7	6	•	6.49		,	6.7			5.71
FULL SUPPLY LEVEL	(H: 19)	152.4	152.4	152.4	151.5	142.2	134.1	150.5	132-1	115-9
KATED WATER LEVEL	(ELTH)	131.5	143.1	2.47.4	129.9	130.2	126.7	128.2	115.9	10501
ALK OPERATION LEVEL	(EL:W)	89.7	124.5	133.7	, co.	136-1	11108	83.5	834.5	83.5
TAIL MATER LEVEL	(F)	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
							1			نر ا
GRUSS STORAGE	(XCX)	590*9	290.9	6.062	295.3	231+2	189.5	279.8	181.3	121.9
ACTIVE STORAGE	() () ()	238.3	130.8	80.4	236.3	139.8	70.4	238.3	139.8	80.4
SEDIMENT VOLUME	(M) (M)	35.9	ው * ሆ	Gr. By	ر. 10 هـ ا	15.0	35.9	35.9	B * S .	35.9
POWER GENERATION EFFI	CIENCY	60°0	V 2.0	88 - 0	28,0	0.82	0.82	0.82	0.82	0.82
GROSS HEAD	£	5.56	10%1	110.8	92.9	93.2	1.68	91.2	78.9	58•1
NET HEAD	(E)	85.1	5°56	8.66	33.6	83.9	80.7	82.1	71.0	61.3
INSTALLED CAPACITY	(NW)	1+94	42.1	33.9	45.3	37.0	27,4	44.5	31,3	20 € 8

9. REMARKS

1. LOAD CENTER : LIMBANG 2. POTENTIAL SITE : TENGDA (S.TENGDA) 3. IDENTIFICATION NO.: 12 4. LOCATION : LATITUDE 4 37 0 N LONGITUDE	(S.TENGOA)	00F 4 37 0 N
モンピー	1. LOAD CENTER : LIMEANG 2. POTENTIAL SITE : JENGDA '(S.TENGDA) 3. IDENTIFICATION NO.: 12	TITE CALIE

e E

23

115

LATITUDE 4 37 O N LONGITUDE NOTE : ABOUT 4.5 KM UPSTREAM FROM THE

* RESERVOIR 5. DISTANCE FROM LOAD CENTER: 6. TYPE OF DEVELOPMENT : R

7. PROJECT FEATURES

CATCHMENT AREA	(NX 05)	**	221+0	
MAX. TOPOGRAPHICAL ELEVATION	(EL;M)	••	304'#8	
MAX. MIDTH OF DAM CREST	£	••	60000	
RIVERBED ELEVATION AT DAMSITY	(FL; M)	••	121.0	
-	(XX)	••	0.0004	
ANNOAL	(WW)	**	1415.0	•
ANNUAL	1048)	••	. 13.0	
HEADRACE TUNNEL LENGTH	£	į.	0.40	
	(M)	••	150.0	
PLANT FACTOR		,,	5*6	
DENUOATION RATE	(MM / KM)		0.1	

'S. PRELIMINARY POWER GUTPUT CALCULATION

	, , ,	7 1 1 1 1 1 1 1 1 1	CASE-2	648613	(145a+4	CASS-5	CASE-6	CASE~7	CASE-B	CASE-9
1 1 1										
しろみじゃ アタイの	<u>;</u>	158.0	0.795	0.655	0.851	5.735	0.665	0-851	0.785	0.665
FIXM DISCHARGE	18800	5.51	14.1	12.0	15.3	14.1	12.0	15.3	14.1	
PEAK DISCHARGE	(SwD)	30.6	28-3	53.9	30.5	23.3	23.9	30.6	28-3	いいは機
			1					ではない		4
FULL SUPPLY LEVEL	1 2 3	304.8	304*8	304*3	282.0	6.017	203.B	2007	DE ALL	
RATED HATER LEVEL		205.0	297.5	5.662	254.0	266.3	252.4	230.0	4-222	
ALM DERMATION LOVEL		275.5	233.0	290.2	241.0	245.1	2-1-2	169.0	159.0	166.60
TAIL WATER LEVEL	(50)	. C+161	131.9	131.0	131.0	131.0	131.0	131.0	131.0	131
STATE STATE	1 3 7 5	1 027	1,086	1 - CS 6	0.777	3.7.5	789.3	241.0	387.6	
# # # # # # # # # # # # # # # # # # #	3 2 3	3 6	1.07	113.4		1 40 - 1	7.7	200		
SEDIMENT VOLUME		11.5	0.0	11.0	11.0	11.0	110	11.0	11.0	11.0
PORCK CONGRATION SPRIC	* U 48 1 U		C. 4.7	3.83	28.0	0 - 82	0.82	0.82	0-82	0.82
10 et 11 et 10 et	2	-	166.5	158.9	137.9	135-3	131.4	0.66	93.4	82.0
VET HEAD	Ê		14.3.9	152.C	154.2	121.8	118.3	89.1	82.2	£3.8
ANSTALLED CAPACITY	(RM)		34.1	2.4.2	30.5	27.7	22.7	21.9	18.7	14.2

9. KEMARKS : THIS SITE IS IDENTIFIED BY JICA PRERIMINARY STUDY FEAM.

. O ŗ, 4. LOCATION CONTRACTOR TABLE TO THE CONTRACTOR THE CONTRACTOR THE CONTRACTOR THE CONTRACTOR THE STREET THE STR 0.00 CATCHMENT AREA
MAX. TOPOGRAPHICAL ELCVATION (TUJU);
MAX. TOPOGRAPHICAL ELCVATION (TUJU);
MAX. WIDTH OF DAW GREST
RIVERBED ANDAY DAWSTT (TUJU);
AVERAGE ANNOAL BANKALL (TUJU);
AVERAGE ANNOAL BANKALL (TUJU);
AVERAGE ANNOAL BANCHER (TUJU);
AVERAGE ANNOAL LENGTH (TUJU);
PLANT FACTOR
PLANT FACTOR
DOWNOAL LENGTH (TUJU);
PLANT FACTOR
DOWNOAL LENGTH (TUJU);
PLANT FACTOR 1. LOAD CENTER : LIMBANG
2. POTENTIAL SITE : TRUSAN (0.FRUSAN)
3. IDENTIFICATION NO.: 13
4. LOCATION : LATITUDE (1) S. PRELIMINARY TOLLS SUFFICIAL CALCULATIONS 7. PROJECT FEATURES

URAPH RATE PIRK UNSCHANCE PEAK UNSCHANGE		117111111								
	200	, jr.	1	45.43	0.534 73.5	59.8	0.336	0.536	59.8	0+335
ارد		,		7 0 mm	0.000 000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.	1.14 % 1.		140.7	358 - 7	34044
ب سرب ب د			aan Mari	F 4 C * C * C * C * C * C * C * C * C * C	77.0 77.0 770.0	328.0 220.0	334-6	297.9	297.9	297.9
UKUSS STURAG. ACSTVR STURAG. • C. SECTMENT VOLUME.				173.4	530.2 510.9 101.3	521.2 205.4 101.3	426.6 101.3	626.1 519.9	411+7 305+4 101+3	231.8 175.5 101.3
POWSK OEMSKATÍSKY PRICELY OKUSS HEAD NET HEAD	335	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	* * * * * * * * * * * * * * * * * * *	150.84	120.00	0.82 135.9 122.3	0.82 132.0 113.8	132.1	0.32 118.5 106.6	0.82
INSTALLED CAPACIFY	3,	1.64.	2.061	103.8	143.7	117-4	97.9	140.3	102.4	70.8

S. KUMARKS

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CONFLUENCE OF THE STDEBARONG
                                                                  : MEDAMIT-1 (S.MEDAMIT)
                                                                                                 LATITUDE. 4 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (ELSM) :
                                                                                                                                                                                                                                       CATCHMENT AREA ISONATION AT DAMSITE (ELIM)
                                                                                                                                                                                                                                                                                                                                                                                            O. PRELLMINARY POWER OUTPUT CALCULATION
                                                                                                                                                 5. DISTANCE FROM LOAD CENTER :
6. TYPE OF DEVELOPMENT : 3
                                                                                                                                                                                                                                                                    AVERAGE ANNUAL RAINFALL
AVERAGE ANNUAL GVAPGRATION
AVERAGE ANNUAL RUNGFE
REAUNACE TUNNEL LENGTH
PRAYSTOCK TUNNEL LENGTH
PLANT FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FAIL MAINA LEVEL FREICIGNOY FREICIGNOY CAPICIONOS HAND
                                                : LIMBANG
                                                                                                                                                                                                                                                                                                                                                                                                                                           OLPENDAULE POAK DISCHARGE
SALIMO : TÜRBINZ (130 NAGE
                                                  1. LUAG CENTER
2. PUTENTIAL SITE : MED
3. IDENTIFICATION NO.: 14
4. LUCATION : 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DEPENDABLE PEAK GUTPUT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           יחור פמשטרא והקפר
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INSTALLED CAPACIT
                                                                                                                                                                                                   7. PROJECT FEATURES
                                                                                                                                                                                                                                                                                                                                                                                                                            FIRM SISCHARSE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FIRM DUTPUT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NET HEAD
```

<u>1</u> - 4

WARKER .T

4. LOCATION : LATITUDE 4 21 0 N LUNGITU NOTE: ABOUT 300 M DOWNSTREAW FROM THE CONFLUENCE OF THE S.DESARONG 5. DISTANCE FROM LOAD CENTER: 44.5 KM 46.5 KM RESERVOIR 1. LDAD CENTER : LIMBANG
2. POTENTIAL SITE : MEDAMIT-2 (S.MEDAMIT)
3. IDENTIFICATION ND.: 15
4. LOCATION (CALIDALIA)

0

7. PRUJECT FEATURES

196.0 134.0 3750.0 350.0 0.5 1.0 4400.0 CATCHENT AREA
MAX. TOPOGRAPHICAL ELEVATION (EL:M):
MAX. MIDIH OF DAM CREST
RIVERSO ELEVATION AT DAMSITE (EL:M):
AVERAGE ANNUAL RAINFALL
AVERAGE ANNUAL EVAPORATION (EM):
PERSTUONEL LENGTH (EM):
DENUCATION RAIS (EM): A TO THE SECOND : (ak/Ww)

PRELIMINARY POWER DUTPUT CALCHLATION

OESCRIPTION	דזאט	0.888-1	CASELZ	CASE-3	0.889-4	CASGES	CASE-6	CASE-7	CASE-8	CASE-9
DRAFT KATE	X	0.561	0.735	500 9 1	24 25 25 26	0.785	0.565	0.851	0.785	0.665
FIRM DISCHARGE	(CHS)	11.9	11.0	0	11.00	11.0	9.3	6,11	11.0	9.3
PEAK DESCHARES	CHEL	23.8	22+0	18-6	23.8	22.0	18.6	23.8	22=0	9.6
THE PERSON NAMED IN		243.6	243.6	143.6	0 6 6 6	235*0	230.1	234.5	226.4	216.5
RATED WITER DE	- T-	230.9	5.35.5	238.6	2,46	224.5	223.1	214.2	208-8	202.2
ALTO DERRATIONAL MEET	(EL :4)	205.5	213.0	7.044	0.501	203.4	239.0	173.5	173.5	173.5
TAIL MATER LEVEL	(T.	70.0	70+0	73.0	40.0	70.0	70.0	70.0	70.0	70.0
SRUSS STORAGE	(ROR)	242.4	\$ * 00 d d d d d d d d d d d d d d d d d	4 - 0 4 4	0.612	191.4	162.2	188.2	142.8	98.9
TOTAL GIORAGE	£13	1.7.1	132 • 3	4.00	1.77.	132.3	4 a 00	17.7.7	1.32.3	488
SEDIMENT VOLUME	MCM	6	. 3	\$.	·	φ. •	8.6	9.3	9.3	6.9
POWER GENERALION EFFI	CIENCY	5.43	0.63	64.6	T.	0 8.8.3	0.62	0.82	0.82	0.82
	3:	169.7	* * * * * * *	158.3	154.3	154.5	153-1	144.2	138.8	132+2
	£	144.8	6.65	e . 15.1	6*681	139.0	84/63	129.8	124.9	119.0
ATTURBUTE TO BE A STATE OF THE	(E E	27.7	26.3	22.7	Φ.	24.6	20.6	24.8	22.1	17.8

* THIS SITE PROPERTY BY JICA PROLIMINANT STUDY TEAM. PHIS SITE PROCESSOR TO THE SECOND SCREGALING. 9. KEHARKS

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od INVENTRAY OF POTENTIAL SITE FOR THE FIRST SCREENING DO OCCUDED CONTROL OCCUDED CONTROL OCCUDED CONTROL OCCUDED CONTROL OCCUDED CONTROL OCCUPANDOR
                                                                                                                                                                     LATITUDS 4 21 0 N EQNGITUDE NOTE ; SENT 300 N DOWNSTREAM FROM THE CONFLUENCE OF THE S.DESARONG
                                                                                             1. LOAD CENTER : LIMBAND
2. POTENTIAL SITE : MENAMIT-2 (S.MEDAMIT)
3. IDENTIFICATION NO.: 15
4. EGGATION 6. 21
                                                                                                                                                                                                                                                                    ARVINE ALVER
                                                                                                                                                                                                                                                                                                                                                                                                                                            " ( TX) "
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 (VAC)
                                                                                                                                                                                                                                                                                                                                                                                           AIVERSED ELEVATION AT DAMSITY (GLIM)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     S-PREEZBARRY HOWER OUTTO'T CALCHLYTENN
                                                                                                                                                                                                                                          S. DISTANCE FROM LOAD CENTER : . . 6. TYPE OF DEVELOPMENT : 9.
                                                                                                                                                                                                                                                                                                                                                                                                                AVENAGE ANNUAL RAINFALL.
AVERAGE ANNUAL BURPORATION
AVERAGE ANNUAL RUNDSE
HEADRAGE TUNNEL LENGTH
PLANTOCK TUNNEL LENGTH
PLANT FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DePENDABLE PEAK DISCHARGE NAKENDY TORBERTY DISCHARGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DEPENDABLE PSAKTOUTFUT INSTALLED CAPACITY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FOLE SUPPLY LEVEL TAIL ANTER LEVEL PUBLIC CENSUATION OUNES GENEVATION OUNDS ALAU
                                                                                                                                                                                                                                                                                                              7. PROJECT FEATURES
                                                                                                                                                                                                                                                                                                                                                                   CATCHMENT AREA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FIRM DISCHARGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PIKK OUTPUL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DAME THE
```

9. REMARKS of THES SITE IS TREATHERING BY UTCA PAGLIMINAY STUDY TRAM.

ocuportecesabrusanesprotesabec 1. LUAD CENTER : LIMBANG
2. POTENTIAL SITE : LIMBANG' (S.LIMBANG)
3. IOENTIFICATION NO: 1.6 LATITUDE 4. LOCATION

o

7.15

LONGITUDE

4. LOCATION : LATITUDE 4 19 0 N LONGITU NOTE: ASOUT 500 M DOWNSTREAM FROM THE CONFLUENCE OF THE S.SENAP S. DISTANCE FAUM LOAD CENTER: 40.0 KM

7. PROJECT FEATURES

550.0 4250.0 0 **-**0.0 109.0 166.0 CATCHREM: AREA

VAX. 100GRADHICAL ELEVATION (EVIT):
MAX. WIDTH OF DAW CREST

ALVERBED ELEVATION AT DAMSITY (ELIM): * (ch/am) (CMS) <u>ج</u> AVERAGE ANNUAL SAIMFALL
AVERAGE ANNUAL SUAPPRATION
AVERAGE ANNUAL SUNORPH
HEADRACE TUNNEL LENGIH
PENSIDCK TUNNEL LENGIH DENUGATION RATE. CATCHMENT AREA PLAGE FACTOR

PRELIMINARY POWER OUTPUT CALCULATION

Jack I of I to A	LIND.	1-500	2+46¥0	CA50-5	C458-4	CASF-5	CASE-6	CASE-7	CASELA	CASE-9
			1				04-0	60970	0-503	6.403
1 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -	(Sau)	1001		6.64	100.1	83.45	6.99	100-1	33.5	6.99
PLAK DISCHARGE	(5%0)	200-1	155.9	133.7	2002	166.9	133.7	1.002	166.9	133.7
FULL SUPPLY LEVEL	(EL : N)	152.4	152.4	152.4	151.9	147.2	142.8	15143	142.1	133.2
KATES LOVE	(61:16)	0.4	4.	5 * 6 + 1	139.6	138.5	138.8	138.9	132.8	126-8
		1.5	. 3.	143.4	119.0	121.2	136.9	114-1	114.1	114.1
JAIL AATOR LEVEL	[+ [] +]	· · · · · · · · · · · · · · · · · · ·	0.7%	57.0	67.0	67.0	9.79	67.0	67.0	67.0
Solas STOKASE	(X) (X)		906.3	924.3	946.5	792.3	655.8	929.7	633.8	391.6
35000 10 771 C	(5.0X) -	3, 4, 5, 77	Ti di	F1662	4.55	531.5	289.3	825.4	531.5	289.3
SEDIMENT VOLUME	(1424)	03.0	0.86	43.0	0.69	93.0	93.0	93.0	93.0	93.0
THAT AND LARGED TO READY	A SIGN TO	24.0	5. 9.	5240	0.82	58.0	0.32	0.82	0 • 82	0.82
	(*)	27.57	77.6	4.5%	72.6	71.5	71.8	71.9	65.8	59.B
#ET meAO	Ξ	5.5.7	7:17	2001	. 5. 59	54.4	7-40	24.7	2-65	53.9
Y 12 Jeografia a Living	(3)	91001	1.00	7.67	105.1	86.4	5.69	104.1	79.4	57.9

PRELIMINARY STUDY TEAM. a THIS SITE IS COGNITHING NY UICA 9. ALMARKS

INSTALLED CAPACIT

popularing of policy in a policy of series for the first screening of

1 LGAD CENTER	LIGVX :				-	-			
2. POTENTIAL SITE	T-II-I.	(NE MUNCAN)	.,						
S. ICENTIFICATION	42 210%		•			•			
4- LUCATION	: terrrons	67	Z 0 · 5	LONGITUDE	pet	15 54	D U		
	u keri CC	43001 1.5 A	THE ROOM REMARKS CONTROL OF THE PROPERTY OF TH	M FROM THE					
00 H 77 2 C 47 - 20 C 48 A C 74 H W 75 W	* 0000000000000000000000000000000000000	COMPLET PACE	COMPLETE STREET NAME OF THE STREET	GKATAN		1		•.	
6. TYPE DEVELOPMENT	• •	\$10A83856							
				-					
7. PROJECT PEATURES	\$ 21			•					
		.74							
CATCHMENT AREA		(S) (S) (S)	0.10103	٠.					
MAX. TOPOGRAPH	TOPOGRAPHICAL GLEVATION	(W. J.)	61.0				:		
MAX. WIDTH OF DAM CREST	DAM CREST	(¥)	0.062						
RIVERSED GLEVA	RIVERSED SEEVATION AT DAMSITE	: (%tha) :	30.0						
AVERAGE ANNUAL RAINFALL	SAINFALL	. (RF.)	4000	•					
AVERAGE 'ANNUAL SVAPOSATION	MULLYSUCTAN	1 · (NA)	147350						
AVERAGE ANNUAL AUNUER	PENNE.	: (S&C)	3+0						
HEADRACE TURNEL LENGTH	L CENGTH .	 (X)	C * C						
PRNSTOCK TUNNEL	L LENGTH .	" (F)	6.04						٠.
PLANT FACTOR		••	'S" C						
CENTROL SELECTION SERVICE		: (ak/)	6.1						

First Discriment	02.50.8.PFT.0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 - 5 5 7 7	CASE-3	CASE-4	CASE-5	CASE-6	CASE-7	CASE-B	CASE-9
(C45) 4.2 3.4 5.6 4.2 3.4 5.6 4.2 3.4 6.8 3.4 6.8 4.2 3.4 6.8 </td <td></td> <td>(i)</td> <td>1.501</td> <td>5.427</td> <td>0.327</td> <td>0.527</td> <td>0=427</td> <td>0.327</td> <td>0.527</td> <td>0.427</td> <td>0.327</td>		(i)	1.501	5.427	0.327	0.527	0=427	0.327	0.527	0.427	0.327
(C45)	,	(Dau)	. 2 .	ر بي	9.2	4.2	との大学を見る	₹.6	4.2	3.4	2.6
(EL2M) 61.0 61.0 61.0 600	t i	(SFO)	er i	8.8	8				4	8.8	5.2
[F[174] 14.5 59.3 60.1 56.2 F. F. F. F. F. F. F.	TOPE SUPPLY LEVEL	(51:4)	61.0	61.0	51.0	9.09	200		90.09	57.1	54.3
	7,000	(2 : 10: 1	· ·	6.65	60.1	56-2		1.00	55.7	53.4	51.5
("(") '30.0 30.0 30.0 30.0 30.0 30.0 30.0 30.	7.6.3.40	(9:3,1	4.1.	55.0	53.2	45.9	52.35	53.0	45.9	45.9	45.9
(MCM) 17.2 37.2 35.5 30.4 25.3 35.8 23.5 (MCM) 29.0 16.8 9.8 29.0 16.8 29.0 15.8 (MCM) 3.0 16.8 9.8 29.0 5.0 5.0 5.0 5.0 (MCM) 3.0 1.0 5.0 5.0 5.0 5.0 5.0 5.0 (MCM) 3.0 1.0 20.8 0.8 0.8 0.8 0.8 0.8 (M) 25.0 29.3 30.1 26.2 26.9 26.4 25.7 23.4 (MX) 1.5 1.4 1.1 1.6 1.3 1.0 1.6 1.1	10/0	(at);)	20.00	39.0	30+0	30.0	30.0	30.0	30.0	30.0	30.0
[MCM] 29,0 16.8 948 = 29,0 16.8 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0		(505)	3.7.5	37.2	37.2	36.5	30.4	25.3	35.8	23.5	16.5
(MC4) 3.3 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	· · · · · · · · · · · · · · · · · · ·	(FUE)	29.0	16.8	9-5 9-8	9		9	29.0	15.8	9.8
### (4%) 1.6 1.6 1.1 1.6 1.3 1.0 1.6 1.1	SEDIMENT VOLUME	(MC x)	57	0 ° S	۵۰۰۷	2.0	, 15 0	2.0	5.0	5.0	2.0
(M) 35.9 26.4 27.1 23.6 26.9 26.4 25.7 23.4 (M) 25.9 26.4 27.1 23.6 24.2 23.8 23.1 21.0 (MX) 1.5 1.6 1.1 1.6 1.3 1.0 1.6 1.1	0185	آ د ۱۹۲۰	(h. 10)	0.82	0.82	0.82	0.82	0.82	0.82	0 - 82	0.82
(4K) 1.5 1.6 1.1 1.6 1.3 1.0 1.6 1.1		(W)	0.40	29.3	30.1	26+2	.6*92	26.4	25.7	23-4	21.5
(4%) 1.5 1.4 1.1 1.6 1.3 1.0 1.6 1.1		(x)	9.45.5	59.4	27.1	23*.6*	24.2	23.8	23.1	21.0	19.4
	INSTALLED CAPACITY	(**)	1.5	7 . 4	1.1	1.6	1.3	1.0	1.6	1.1	8.0

9. REMARKS : THIS SITE IS LUGHTIFIED BY JICA PRELIMINARY STUDY TEAM. THIS SITE PROCEEDED TO THE RECOND SCREENING.

8. PRELIMINARY TOAL? OUTPUT CALDELFITOR

Application of the Polential SITE FOR THE FIRST SCREENING as confidence of the First Screening as confidence of the Formation of the First Screening as confidence of the Formation of the Format

NOTE : ABOUT 1.5 KM UPSTREAM FROM THE 1. COAD CENTER : KAPIT
2. POTENTIAL SITE : KAPIT—2' (S.BENUANG)
3. IDENTIFICATION NO.: 22
4. LUCATION

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LONGITUDE

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CONFLUENCE OF THE S.MUKOH 5. ULSTANCE FROM LOAD CENTER : 27.0 KM 6. TYPE UF DEVELOPHENT : RESERVOIR

7. PROJECT FEATURES

CHM/YR3 : MAX. TOPOGRAPHICAL ELEVATION (EL:M)
MAX. MIUTH OF DAM GREST
(N)
MYUPASSED ELEVATION AT DAMSITG (EL:M)
AVERAGE ANNUAL RAINFALL
AVERAGE ANNUAL EVAPORATION (MM) (CMS) ££ HEADRAGE TUNNEL LENGTH PERSTOCK TUNNEL LENGTH PLANT FACTOR AVERAGE ANMUAL RUNGER DENUBATION SATE CATCHMENT AREA

b. PRELIMINARY POWER DUTPUT CALCULATION

DESCATOTE DE	UNIT	CASE-1	CASE-2	CASE-3	CASE-4	CASE-5	CASE-6	CASE-7	C45E-8	CASE-9
# L . X . T . # X	8	0.662	.0.562	0.462	0.662	0.562	0.462	0.662	0.562	0.46
FIRE DISCHARGE	CHS	12.6	10.7	8.0	12:6	10.7	8	12.6	10.7	8
PEAK DISCHARGE	(CNS)	***		17-9	25.1	21.3	17.5	2501	21.3	17.5
FULL SUPPLY LEVEL	T			162.9	182.4	177.5	172.9	181.9	172.1	162.9
RATED WATER LEVEL	(HILLER)	1.00		178.6	157.9	158.9	1.57.7	167.0	160.5	154-3
AINS OFERATION LAVEL	(HE)E)	1.40	160.3	170.1	139.0	151.6	157.4	137.2	137-2	137.2
TAIL ANTER LEVEL	(H: 75)	105-0	0.501	105.0	102.0	105.0	105.0	105.0	0.501	105.0
CRUSE STURACE	S S S S	136.9	136.9	136-0	134.9	115.6	97.3	132.8	94.8	63.6
ACTIVE STURAGE	1	7 71	54 Ce	64.3	113-6	80.6	49.3	118-6	90.6	49.3
SEDIMENT VOLUME	(MC%)	11.0	11.0	11.0	11.0	11.0	11.0	0.11	11.0	11.0
PUWER GENERATION FFFI	CIENCY	0.82	0.82	0.32	0.62	0.83	0.82	0.82	0.32	0.82
CKUSS HEAD	~ Z	63.9	70-4	73.6	65.9	63.9	2.29	95.0	55.5	49.3
NET HEAD	Ē	57.5	63.43	66.3	56.7	51.5	56.5	55.3	6.63	44-4
INSTALLED CAPACITY	C MM)	11.6	10.8	6	31.4	6,0	7.9	11.3	8.5	6.2

: THIS SITE IS IDENTIFIED BY JICA PRELIMINARY STUDY TEAM.
THIS SITE PROCEEDED TO THE SECOND SCREENING. 4. KEMARKS

63 112 LONGITUDE CONFLUENCE OF THE S.SANYABU 1. LOAD CENTER : KAPIT
2. POTENTIAL SITE : IBAU ('S.IBAU)
3. IDENTIFICATION NO.: Z3
4. LOCATION : LATITUDE
3. ABOUT 80

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5. DISTANCE FROM LOAD CENTER.: 25.0 KM 6. TYPE OF DEVELOPMENT : RESERVOIR T. PROJECT PEATURES

(SG.KM) : (MM/ME) MAX* TOPOGRAPHICAL ELEVATION (ELIM) MAX* ALOTH OF DAM CREST (H) RIVERBED ELEVATION AT DAMSITE (EL;M) AVERAGE ANNUAL EVAPORATION AVERAGE ANNUAL RAINFALL HEADRACE TUNNEL LENGTH PENSTDCK TUNNEL LENGTH PLANT FACTOR AVERAGE ANNUAL RUNDFF DENUDATION RATE CATCHMENT AREA

8. PRELIMINARY POWER SUTPUT CALCULATION

DESCRIPTION	UALIT	(大) (大) (大) (大) (大) (大) (大) (大) (大) (大)	CASE+2	6459-3	CA35-4	C45E-5	CASE-6	CASE-7	CASE-8	CASE-9
DRAFT RATE	24	0.851	2.7.5	0.055	0.851	0.785	0.665	0.851	0.785	0.665
FIRM STEETHARGE	(CMS)	4.0	3.6	7.3	4.0	8.6	7+3	4.6	8.6	7.3
THE PROPERTY OF THE PARTY OF TH	(CMS)	18.7	17.3	14.6	18.7	17.3	14.0	18.7	.17.3	14.6
		121.9	121.9	121-9	108.1	105.9	102.9	5.36	6.68	ं इ.स. 80 60 80 1
	. –	116.3	117.7	1.0.1	102.9	102.1	100.4	82.0	79.1	75.0
BIT CHEST TON LEVEL	_	200	1.09	117.5	95.26	94.5	95.4	57.4	57.4	57.4
TATC- MATER LEVEL	(EC: M)	42-0	0.24	42.4	42.0	42.0	45.0	45.0	42.0	45.0
CANCE		3.83.1	3.89.	388.1	274-1	255.7	229.4	150.3	114.6	80.1
STORIE THE SECTION	(MC%)	139.45	103.9	5.09	139.6	103-9	₹6.4	\$35.6	- 103+9	50.4
SEDIMENT VOLUME	(MCH)	8.1	o. 1	œ.	1.	# * 8	8.1	8.1	æ 	8.1
COLUMN CHARACTION CHESCA	YORK TO	0.02	50 70 70	£ 10°	2.82	0.82	0.82	0.82	0.82	0.82
CENCY HEAD	3	16°	75.7	7.1.1	6.09	6.3 • 3	58.4	40.0	37.1	33.0
NET HEAD	Ξ	56.8	63.1	5.4.69	8. 4. B	54.1	52.6	36.0	33.4	29.7
INSTALLED CAPACITY	CXX	0.01	5.0	E 68	3.2	7.5	6.2	5.4	4.0	ις •

* THIS SITE PROCESOED TO THE SECOND SCREENING. 9. REMARKS

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	LOAS CENTER : KAPIT				
2	TIE .	S SANGKT	Ε.		
٠	IDENTIFICATION MOSS 24 FOCATION	-	N O OR	N LONGITUDE	112
,		SOUT 200	M JPSTRE	FROM	
		CONFLUENC	CONFLUENCE OF THE SARRANG	S.RIRANG	
5.0	DISTANCE PROM LOAD CENTER :	43.0 KM			
-		SEGENDIA			
o.	I. PROJECT FEATURES				
u		(SO. KM)	167.0		
Æ	MAKE TOPOGRAPHICAL ELEVATION	(FL:N)	274.3		
X.	MAX. MIDIN OF DAM CREST	ž	750.0		
1	SIVERBED GLEVATION AT DAMSITE	(K.1 J.11)	162.0		
٩	AVERAGE ANNUAL RAINFALL	(XX)	0.0014		
ų	AVERACE ANNUAL EVAPORATION		1395.0		
٠.	AVERAGE ANNUAL RUDOFF	(CHS)	0-41		
-	TEADRACE TUNNEL CENESTR	(ξ)	0		
•	PENSTUCK TUNNEL LENGTH	(K)	700+0		,
-	PLANT FACTOR		S*0 :		
	DENUCATION RATE	124/861	1.0		

8. PRELIMINARY PURLS DUTRUT CALCULATION

0.5501.011.02	## U.S.		0.488-0	CA35-3	CA38-4	CASE-5	CASE-6	CASE-7	CASE-8	CASE-9
ORAFT RATE FIRM UISCHANGE PEAK OISCHANGE	900 300 000	00 00 00 00 00 00 00 00 00 00 00 00 00	0.7.75 10.1 20.3	0.625 8.7 17.5	0.825 11.5 23.1	0.725 10.1 20.3	0.625 8.7 17.5	0.825 11.5 23.1	0.725 10.1 20.3	8.7
FULL SUPPLY LEVEL RATED WATER LEVEL BIN. UPERATION LAPEL TAIL MATER LEVEL	\$ (\$ (\$ x) 1)	274.3 241.5 175.9	246.2 29.0 20.0 20.0 20.0	274.3 248.8 197.7 122.0	2740.9 233.5 174.5	246.1 225.2 183.2 122.0	234:5 219*1 188*2 122*0	235.5 173.1 122.0	Z18.0 203.0 173.1 122.0	194°B 187°6 173°1 122°0
UROSS STURBOR ACTIVE STORAGE SEDIMENT VOLUM	(178+1 157+0 8+3	176.1	176+1 276+3 8+3	172.3 157.6	148.1	136.6	168.5 257.0 8.50	120.2	76.3
POSEN GENERAL ICA THE CROSS ABSO NET HESD	(E)	0.45 114.8 107.6	200 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.82 126.3 114.1	0.82 116.5 104.9	0.82 103.2 92.8	0.82 97.1 87.4	0.82 113.5 102.2	0.82 81.0 72.9	0.82 65.6 59.0
INSTALLED CAPACITY	(# %)	20.0	18.2	16.0	19.5	15.1	12+3	19.0	11+9	8

9. AEMARKS : THIS SITE PROCESSED IN THE SECOND SCREENING.

E 112 36 0 E					-					
(S.TEKALIT) E 1 54 0 N LONGITUDE ASOUT 3-5 KM UPSTREAM FROM THE CONFLUENCE OF THE S.KATIBAS 37-0 KM ESERVOIR		(X) 1 61.0 (X) 1 350.0	(EL1M) : .10.0	[HM] : 3250.0	0.0001 : (4.00.0	CHS) : 29.0	0*0 : (*)	(M) : 60°0	v. • c	C". " (0// ##)
LUGO CENTER : KAPIT POTENTIAL SITE : TEKALIT LUCATION NO.: 25 LUCATION : LATITUD NOTE : DISTANCE FROM LOAD CENTER : TYPE OF DEVELOPMENT : R	• PROJECT: FEATURES	 MAX* TOPOGRAPHICAL ELEVATION TEL MAX* WIDTH OF DAM CREST	WSITE.	AVERAGE ANNUAL RAINFALL	AVERAGE ANNUAL EVAPORATION, TO	AVERAGE ANNUAL RUNDEF	HEADRACE TUNNEL LENGTH	PENSTOCK TUNNEL LENGTH	PLANT FACTOR	
WNU4 VO	-	 •						:		

6-PARELIMINARY POWER DUTPUT CALCULATION

URAFT RATE (TMS) 20.851 0.795 0.665 0.851 0.735 0.665 0.851 10.735 0.665 0.851 10.735 0.665 0.851 10.735 0.665 0.851 10.735 0.665 0.851 10.735 0.665 0.851 10.735 0.665 0.851 10.735 0.665 0.851 10.735 0.665 0.851 10.735 0.665 0.851 10.735 0.665 0.851 10.735 0.665 0.851 10.735 0.665 0.851 10.735 0.665 0.851 10.735 0.665 0.851 10.735 0.665 0.851 10.735 0.665 0.852 0.855 0.	DESCAIPTION	TIME	CA3F-1	CASSEZ	CASELB	CASE-4	CASE-5	CASE-6	CASE-7	CASE-B	CASE-9
[CMS] 24.7 22.6 19.3 24.7 22.8 19.3 24.7 22.8 [CMS] 49.4 45.5 38.6 49.4 45.5 [CMS] 49.4 45.5 38.6 49.4 45.5 38.6 49.4 45.5 [CMS] 49.4 45.5 38.6 49.4 45.5 38.6 49.4 45.5 [CMS] 49.4 45.5 38.6 49.4 45.5 38.6 49.4 45.5 [CMS] 49.4 45.5 38.6 49.4 45.5 [CMS] 49.4 45.6 [CMS] 49.4 45.6 [CMS] 49.4 45.6 [CMS] 40.4 [CMS]	A STACE OF SEC.	Ê	(y x) 0	70.	4.45	1 R M . C	0.785	294.0	0.851	0.785	0.665
(ELTM) 61.0 61.0 61.0 61.0 58.7 56.7 54.2 56.4 45.5 (FLTM) 61.0 61.0 61.0 58.7 51.8 51.6 50.7 46.9 44.2 52.4 (FLTM) 63.0 49.3 53.9 37.9 41.4 43.8 27.8 27.8 (FLTM) 12.0 12.0 12.0 12.0 12.0 12.0 12.0 12.0	MENS TO SELECT	(SEU)	7.000	22.50	19.3	24-7	22.8	19.91	24.7	22.8	19.3
(RLIM) 61.0 61.0 61.0 58.7 56.7 54.2 56.4 52.4 52.4 52.4 52.4 52.4 52.4 52.4 52	PEAK OFSCHARGE	(CMS)	7.64	45.5	38.6	4.64	45.55	38.6	49.4	45.5	38.6
(ELIM) 12-0 12-0 12-0 12-0 12-0 12-0 12-0 12-0	EIII I CIRDDEN I EVER	-	0-19	61.0	0-19	- 48 - 1	5647	54.2	56.4	52.4	THE PERSON NAMED IN
(FLIM) 43.0 49.3 53.9 37.9 41.4 43.8 27.8 27.8 (FLIM) 12.0 12.0 12.0 12.0 12.0 12.0 12.0 12.0	84TF0 84TF9 LEVEL	_	55.0	57.1	58.6	11.8	51.6	50 • 7	46.9	44.2	40.9
(ELIM) 12.0 12.0 12.0 12.0 12.0 12.0 12.0 12.0	MIN. DPENATION LEVEL	_	43.0	49.3	53.9	0 %	41.4	43.8	27.8	27-8	27.8
(MCM) 363-2 274-0 453-3 413-5 352-1 404-0 309-9 (MCM) 363-2 274-0 183-1 368-2 274-0 (MCM) 25-9 25-9 25-9 25-9 25-9 25-9 25-9 25-9	TAIL HATSR LSVEL	_	12.0	12+0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
(MCM) 263-2 274-0 133-2- 368-2 274-0 183-1 368-2 274-0 (MCM) 25-9 25-9 25-9 25-9 25-9 25-9 25-9 25-9	F. W. S. T. S.	(% to %)	5 * A 6 G	527.5	527.5	465.3	413.5	352.1	404.0	309-9	218.9
(MCN) 25.9 25.9 25.9 25.9 25.9 25.9 25.9 25.9	明して外におい ボラいとしゃ	1027	4.00	0.77	2 - 2 - 3	25845	274.0	183.1	368-2	274.0	183,1
AATION, FFFICIONCY 0.42 0.45 0.42 0.82 0.82 0.82 0.82 0.82 0.82 0.82 0.8	SEDIMENT VOLUME	(36)	25.9	98.9	. 25.9	25.9	6.52	25.9	55.9	25.9	25.9
(M) 43.0 45.1 45.0 39.8 39.6 38.7 34.9 32.2 (M) 33.7 47.6 42.0 35.8 35.6 34.9 31.4 29.0 (MM) 15.4 14.3 13.0 14.2 13.0 10.8 12.5 10.6	THE WELLSKERS STREET		< 0	58.00	0.32	88 0	0.82	0.82	0.82	0.82	. 0.82
(M) 33.7 40.6 42.0 35.8° 35.6 34.9 31.4 29.0 CAPACITY (MM) 15.4 14.3 13.0 14.2 13.0 10.8 12.5 10.6	CENTRAL MARKET		43.0	45.1	0.04	33.6	39.6	38.7	34.9	32.2	28.9
(MM) 15.4 14.3 13.0 14.2 13.0 10.8 12.5 10.6	NET MOAD	£	33.7	9.64	42.0	35.8	35.6	34.9	31.4	29.0	26.0
	INSTALLED CAPACITY	(AA)	15-4	14.3	13.0	14.2	13.0	10.8	12.5	10.6	8.1

9. KEMARKS ..

LATITUDE 1 38 O N LONGITUDE NOTE: ABOUT 100 M DOWNSTREAM FROM THE COMPLUNCE OF THE S.SUNDKABANG : AYAT (S-AYAT) 1. LOAD CENTER : KAPI
2. POTENTIAL SITE : AYAI
3. IDENTIFICATION NO.: 26
4. LOCATION : LA

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5. DISTANCE FROM LOAD CENTER : 43.0 KM 6. TYPE OF DEVELOPMENT : RESERVOIR

7. PROJECT FEATURES

1355-0 (ak/wh) RIVERBED ELEVATION AT DAMSITE (ELIM) AVERAGE ANNUAL RAIMFALL (199) MAX. TOPUGRAPHICAL ELEVATION (ELTR) MAX. WIDTH OF DAM CREST AVERAGE ANNUAL SYAPORATION AVERAGE ANNUAL RUNCETHE HEADRACE TUNNEL LENGTH PENSTUCK TUNNEL LENGTH DENUDATION KATE CATCHMENT AREA

8. PRELIMINARY PUMER DUTPUT CALCULATION

SCSCRIPTION	1111	1-3540	2-2847	C4SE-3	CASE-4	C.4.55-5	CASE-6	CASE-7	CASE-8	CASE-9
							-			
CRAFT RATE	8		5-1-6	0.665	0.851	0.785	0.665	0.853	0.785	9-0
	(SMS)		7. ~	.e.	4.3	3.9	3.3	0	なのの	M. C.
	(CAS)	63	1.9	. 2 - 9	ยก • •	7.9	6.1	No.		
	(EL:M)	304.8	304.8	304.8	304.4	302.3	F 262			
	F	202.5	0.200	361.9	292.0	293.4	293.6	7887		
	(4,512)	26640	207.0	296.0	2.492	275.6	282.2	258.9		258-9
TAIL HATER LEVEL	(EL 19)	114.0	0.451	134.0	134.0	134.0	134.0	134.0	134.0	134-0
GRUSS STURAGE	(WCW)	71.5	71.4	71.6	9.69	59.8	50.1	67.6	が、中国神経	35.7
i iii	(XUX)	53.45	247.3	31.6	53.4.5	47-3	31=6.	2 T	47.7	31.6
Seciment Volume	(えじす)	4:2	2.9	5.5	6*2	5.9	5*8	6.2	.6°2	2.9
C M (c)	i eacy	24.43	58.÷C	0.82	0.82	0.82	0.82	0.82	0.82	0
	3	5 6 6	6443	167.9	157.0	159.4	159.6	154.9	152.1	148.2
NET HEAD	દે	142.7	7-6-51	151.1	141.3	143.5	143.6	139.4	136.9	133.4
INSTALLED CAPACITY	(3A)	£ • 5	7.4	3.1	£*6	9.1	7.7	9.5	8.7	7.2

9. REMARKS : THIS SITE PROCESOED TO THE SECOND SCREENING.

1. ICAD CENTER : KAPIT | SAAKHT. | 2. POINTENTALE SITE : AYAT | SAAKHT. | 3. POINTENTALE SITE : ABOUT 100 W DOWNSTWEAM FROM THE CONFILUENCE OF THE SASOWCKABANG CONTENT | CONFILUENCE OF THE SASOWCKABANG CONTE

-	• LUAD CENTER : SASIKEI					•				
2*	POTENTIAL SITE . : KANDWITT (S.KANDWITT)	S-KANDWI	1.)							
ň	IDENTIFICATION NO.: 31									
*	LOCATION : LATITURE	 (Z 0	O N LONGITUDE	111	56	ш. О		-	
	T BADR	ecur 3.0	不きつの 光足し	ACITE A ABOUT 3.0 RE DOWNSTREAM PROM THE						
		ひをきつづまない	35 OF 196	CONFLUENCE OF THE SENTABAT						
in	* CISTANCE PROM LOAD CONTRA	47 0 %							,	
ò	TARK OF DEVELOPMENT TO BAYE	RESEAVOIR								
-	7. PROJECT PEATURES						-	*		
							٠			
	CATCHSENT AREA	180483	1331.0	Ç						
	MAX. TUPDGRAPHICAL ELEVATION (EL:M)	. (M:1%)	51.0	.01		-				
	TAXA MIDIT ON DAM CROSS	(2)	0.008	· 0						
	TISET	: (H:77)	20.0	0						
٠	AVERAGE ANNUAL RAINFILL	: (xz.)	3500.0							
	AVERAGE ANNOAL BVAPORATION	: (MK)	1480.0	, c	-					
	AVERAGE, ANNUAL RUNDER	: (SK))	90.0	9						
	HEADRACE TUNNEL LENGTH	: E	0.004	c.						
	PENSTUCK TUNNEL LENGTH	3	- Ca	c.						
	PLAMT FACTOR		Ċ	er.			-			
	DEMUDATION RATE	: (98/20)	بي	c.						

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DESCRIPTION	£31.6.		V 1 2 2 2 1 1 4	CASE-*	CAS6-4	643845	CASE-6	CASE-7	CASE-8	CASE-9
	3			- F						
DAX - XAIG		•	2	7 7 6 - 7	21147	310.0	210.0	77.0	770.0	776-0
FIRM DISCHARGE		7)	. 55.0	0.40	64.0	55.0	46.0	0.49	55.0	0.94
PEAK BISCHARGE		1.851	110-1	92.1	128.1	110.1	92.1	128-1	110-1	. 92.1
SO VOTE LEVEL	_	61.C	61.0	51.0	4.09	55.4	5143	59.7	49.7	41.5
THOUSE LEVEL		0.0	2.4.6	6.5.5	49.3	47.5	46.2	48.6	41.9	36.5
HIN. OPERATION LEVEL			17.1	20 4 56 47	27.0	32.0	36.1	5.92	7644	5-92
TAIL MATER LEVEL	(301)	9.00	Q * !!	C N N	0.72	0.22	22.0	22.0	22.0	22.0
GROSS STORAGE	(F)(F)	5 6 1	315.9	310.9	40+	794-3	6529	191.6	591.8	428.9
ACTIVE STURAGE	(* 0 *)	7 700	4.88.0	102+1	6.799	455.0	302-1	65439	0.554	302-1
SEDIMENT VOLUME	(& C &)	50.0	6.6.5	45.5	60.5	55.5	5.05	56.5	66.5	66.5
POWER GENERATION DON	Y57151	5	6. V	5.85	28.0	0.62	0.82	0.82	0.82	0.82
GRESS HEAD	(2)	1 3	200	9.51	5.4.2	25.6	24.2	50.02	19.9	24.5
NET HEAD)		24.1	32.5	24-6	23.0	21.8	23.9	17.9	13.0
INSTALLED CAPACITY	(38)	- u	5.41.	22.6	10 A 10 A	20.4	16.1	7.45	15.9	9.6

9. KEMAKKS : THIS SITE POUCTURED IN THE STOOMS SCREENING.

INVENTORY DE POTENTIAL SITE FOR THE FIRST SCREENING OF

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JULAU)	1 52	BOUT 200 M DO ONFLUENCE OF	17.0 KM SERVOIR
S.JUEAU)	1 52	CONFLUENCE OF	17.0 KM (ESERVOIR
(S-JUEAU)	UDE 1 52	* ABOUT 200 N DO CONFLUENCE OF	17.0 KM RESERVOIR
E ' (S.JUEAU)	ITUDE 1 52	CONFLUENCE OF	1 17.0 KM TRSERVOIR
KEI -I (S.JULAU)	TITUDE 1 52	ITE : ABOUT 200 M DO CONFLUENCE OF	R = 17.0 KM : RESERVOIR
RIFEI (S.JUCAU)	LATITUDE 1 52	NOTE : ABOUT 200 M DO CONFLUENCE OF	TER = 17.0 KM : RESERVOIR
ARIKEI Ari-1 (S.Juľau) 2	LATITUDE 1 52	NOTE : ABOUT 200 M DO CONFLUENCE OF	INTER : 17.0 KM : RESERVOIR
SARIHEI SARIHI (S.JULAU) 32	LATITUDE 1 52	NOTE : ABOUT 200 M DO CONFLUENCE OF	CANTER : 17.0 KM : RESERVOIR
SARIKEI SAUKAU)	: LATITUDE 1 52	NOTE : ABOUT 200 M DO CONFLUENCE OF	CENTER : 17.0 KM
: SARI-I (S.JULAU)	: LATITUDE 1 52	NOTE : ABOUT 200 M DO CONFLUENCE OF	HAD CENTER = 17.0 KM HENT : RESERVOIR
: SARIKEI : SARI-E (S.JULAU) NO.: 32	: LATITUDE 1 52	NOTE : ASOUT 200 N DO CONFLUENCE OF	EUAD CENTER = 17.0 KM PHENT : RESERVOIR
E : SARIMEI	: LATITUDE 1 52	NOTE : ASGUI 200 N DO CONFLUENCE OF	CORMENT : 17.0 KM
ITE : SARI-I' (S.JULAU) ION NO.= 32	: LATITUDE 1 52	NOTE : ASCUT 200 N DO CONFLUENCE OF	ELOPMENT : 17.0 KM ELOPMENT : RESERVOIR
SITE : SARIMEI (S.JUELAU) ATION NO. 32	: LATITUDE 1 52	NOTE : ASGUT 200 N DG CONFLUENCE OF	FROM COAD CENTER : 17.0 KM EVELOPHENT : RESERVOIR
L SITE : SARIHE (S.JULAU) CATION NO. = 32	1 : LATITUDE 1 52	NOTE : ASGUT 200 N DG CONFLUENCE OF	FROM COAD CENTER : 17.0 KM DEVELOPMENT : RESERVOIR
BATER : SARIKEI IAL SITE : SARI-T: (S.JULAU) EICATION NO.= 32	ON : LATITUDE 1 52	NOTE : ABOUT 200 N DO CONFLUENCE OF	CE FROM COAD CENTER : 17.0 KM F DEVELOPMENT : RESERVOIR
CENTER : SARIKEI TITAL SITE : SARI-1 (S.JULAU) TEICATION NO.= 32	TION : LATITUDE 1 52	NOTE : ABOUT 200 N DO CONFLUENCE OF	ANCE FROM LUAD CENTER : 17.0 KM UF DEVELOPMENT : RESERVOIR
D CONTER : SARIKEI ENTIAL SITE : SARI-1 (5.JULAU) NTIEICATION NO.* 32	ATION : LATITUDE 1 52	NOTE : ASGUT 200 N DG	TANCE FROM CUAD CENTER : 17.0 KM E OF DEVELOPMENT : RESERVOIR
JAD CENTER : SARIKEI JENTIAL SITE : SARI-T (5.JULAU) JENTIELCATION NO.= 32	DCATION : LATITUDE 1 52	NOTE : ABGUT 200 N DG	ISTANCE FROM CONTER : 17.0 KM
LOAD CENTER : SARIKEI POTENTIAL SITE : SARI-1 '(S.JULAU) LOENTIELCATION NO.= 32	COCATION : LATITUDE 1 52	NOTE : ABGUI 200 M DG CONFLUENCE OF	DISTANCE FROM EUAD CENTER: 17.0 KM TYPE OF DEVELOPMENT: RESERVOIR
* LOAD CONTER : SARIKEI * POTENTIAL SITE : SARI-1 (5.JULAU) * IDENTIFICATION NO.* 32	. COCATION : LATITUDE 1 52	NOTE : ABGUI 200 N DO CONFLUENCE OF	• DISTANCE FROM COAD CENTER : 17.0 KM • TYPE OF DEVELORMENT : RESERVOIR
1. LOAD CONTER : SARIKEI 2. POTENTAL SITE : SARI-17 (S.JULAU) 3. IDENTIELCATION NO. = 32	4. LOCATION : LATITUDE 1 52	NOTE: ABGUT 200 N DOWNSHAREA HARBON NOTE THE STATE OF THE	5. DISTANCE FROM COAD CENTER : 17.0 KM 6. TYPE OF DEVELORMENT : RESERVOIR

7. PROJECT FEATURES

8. PRELIMINARY POWER DUTPUT CALCULATION

OESCRIPTION	1160	CASE-1	CASE-2	CASE-3	CASE-4	CASE-5	CASE-6	CASE-7	CASE-8	CASE-9
DRAFT KATE FIRM DISCHARGE * PEAK DISCHARGE	(CMS)	0.851	7.1	0.665	0.851	20.785	6.0	0.851 7.7	0.785	0.665 6.0 72.0
FULL SUPPLY LEVEL RATE HATER LEVEL MIN. OPENATION LEVEL TAIL MATER LEVEL		6120 59-1 55-2 31-0	90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	61.0 50.1 58.2 31.0	\$22.1 47.5 31.0	51.6 51.6 48.3 31.0	57.7 51.1 51.1 91.0	47.8 44.2 37.1	45.6 42.8 37.1 31.0	43.4 41.3 37.1
GRGSS STURAGE ACTIVE STORAGE SECIMENT VOLUM	(#C#) (#C#)	373.2 116.2 8.0	373*2 850 10	378.2	248.7	229•1 65•1 8•0	209.0 = 5 0.0 8.0	137.3 114.3	108 • 0 85 • 1 8 • 0	79.8 56.8 8.0
POWER GENERATING UPFIGENCY PER CRUSS HEAD NET HEAD	(E)	0.32 281 25.3	28.6 28.6 25.7	0+82 29-1 26-2	0.82 21.1 19.0	0.82 20.6 18.6	0.82 20.1 18.1	0.82 13.2 11.9	0.82 11.8	10.3
INSTALLED CAPACITY	(ME)	3.1	2.9	5*2	. Z . 3	2.1	1.7	H • 5	1.2	6-0

9. REMARKS : THIS SITE IS IDENTIFIED BY JICA PRELIMINARY STUDY TEAM.

1. LOAD CENTER : SARTKEI
2. POTENTIAL SITE : SARTE FS. SARTKEI)
3. IDENTFICATION NO.: 33
4. LOCATION : LATITUDE 1 59 O M LONGITUDE 111 32
4. LOCATION : ABOUT 600 M DOMNSTREAM FROM THE CONFLUENCE OF THE S.GERUGU

0

5. DISTANCE FROM LOAD CENTER: 32.0 KM 6. TYPE OF DEVELOPMENT : RESERVOIR

7. PROJECT FEATURES

CATCHMENT AREA
MAX. TOPOGRAPHICAL ELEVATION (FELM):
MAX. WIDTH OF DAM CREST
RIVERED SCLEVATION (FELM):
RIVERED SCLEVATION (FELM):
AVERAGE ANNUAL RAINFALL (MM):
AVERAGE ANNUAL EVAPORATION (MM):
AVERAGE ANNUAL RUNDFF (MM):
PENSTUCK TUNNEL LENGTH (M):
1.0

8. PRELIMINARY POWER CUTPUT CALCULATION

	59		et de	444	£.,		٠. ينز	o jes	34.	٠,	. 2			
CASE-9	9.0	1.3	のの		7. V	20.5	16-0	1.6-3	1.25	3	8.0	en .	#	2-0
CASE-8	0.785	1.6	がなる。		25.4	50-9	16.0	8-22	. 18.9	1.0	0.82	9.4	8.5	7.0
CASE-7	0.851	1-7	4 6 m.	0.62	26.3	20.9	16.0	2*62	25.4	1.0	0.82	10.3	6	0.3
CASE-6	0.665	1.3	2-7	28.3	27.1	24-8	16.0	25.3	12.6	1.0	0.82	11.1	10.0	2-0
CASBUS	0.785	1.6	3.1	1*62	27.4	24.1	15.0	59.4	ol 8.9	1.0	0.82	11.4	10.3	0.3
CASE-4	0.851	1.7	69 4	27.8	27.6	23.1	16.0	33.3	25.4	3.0	0.82	11.6	10.4	6.40
CASE-3	0.665	1.3	2.7	30.5	29.1	28.2	15.0	37.5	-12=6	1.0	0.92	134.7	12-4	0.3
CASSI-2	0.735	1.6	H M	W.00	29.2	26.6	14-0	37.5	18 3	1.0	28.0	13.2	11.9	0.3
CASE-1	 10 10	1.7	3.4	30.5	78.5	24.6	15+0	37.5	75-4-	1.0	S. 4.2	12.5	11.3	€*0
MIT	9	(CMS)	(CHS)	((())	(EL:M)	(E. 1.8.)	(4:13)	(***)	(YUK)	(MCM)	TENCY	(X)	<u>\$</u>	(AR)
OESCRIPTION	ORAFT RATE	FIRM DISCHARGE	PEAK DISCHARGE	FULL SUPPLY CEYEL	RATED WATER LEVEL	MIN. DPERATION LEVEL	TAIL WATER LEVEL	GROSS STORAGE	ACTIVE SLORAGE	SEDIMENT VOLUME	POWER GENERATION BEFIL	GROSS HEAD	NET HEAD	INSTALLED CAPACITY

9. REMARKS : THIS SITE IS IDENTIFIED BY JICA PRELIMINARY STUDY TEAM.

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13 LOAD CENTER : SRIAMAN (3-LUPAR) 3- IDENTIFICATION NO.: \$1 LATITUDE 1

5. DISTANCE FROM LOAD CENTER 6. TYPE OF DEVELOPMENT

7. PROJECT FEATURES

(MW/YR) MAX. TOPOGRAPHICAL ELEVATION (ELIN)
MAX. NIDTH.OF DAM CREST.
(MY
RIVERSED ELEVATION AT DAMSITE (ELIN)
AVERAGE ANNUAL RAINFALL
AVERAGE ANNUAL EVAPORATION
AVERAGE ANNUAL EVAPORATION
(MM)
AVERAGE ANNUAL EVAPORATION
(MM) HEADRACE TUNNEL LENGTH PENSTOCK TUNNEL LENGTH DENUOATION RATE CATCHMENT AREA PLANT FACTOR

8. PRELIMINARY POWER GUTPUT CALCULATION.

	S CAS	7. Sept.	SA PARTY OF THE PA				を記念の	No.		が影響	がないない	D	0.0	· · · · · · · · · · · · · · · · · · ·	
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•	2-35X) 9-	.0	1000	- 公成を行			0		•	n	N.	82	1. 23		•
٠	5 CASE-6			4.3		ž				1				•*	
	CASE-5									-				· · · · ·	
	CASE-4	:			Z-99					50 • 8 ···	3.2	0.82	39.0	35.1	0.7
	CASELS	0.665	2.7	ν. Ε.	4-16	91.1	4.06	28.0	774.4	25.3	3.2	28.0	63+1	56*8	5-4
	CASE-2	0-735	H • M	6.3	010	90.0	89.4	28.0	774.4	37.8	3.2	0.82	62.0	26.6	. 6.2
	CA58-1	. 158*0	4.6	8.49	9.16	7.00	30.00	0.88 88	774.4	φ. Ως.	3-2	×8.3	52.7	56.5	3.5
	Minn	(2)	(CMS)	(C#S)	(Et : H)	(EL: 3)	(2114)	(81:4)	(MC#)	(*C*)	(E O E)	KUNUKUI	(X)	Œ	(44)
	DESCALPTION	URAFT AATE	FIRM DISCHARGE	PEAK DISCHARGE	FULL SUPPLY LEVEL	RATED HATER LEVEL	MIN. OPERATION LEVEL	TAIL WATER LEVEL	GROSS STURAGE	ACTIVE STURAGE	SEDIMENT VOLUME	POWER CENERALIES EFFI	GRUSS HEAD	NET HEAD	INSTALLED CAPACITY

: THIS SITE IS IDENTIFIED BY JICA PRELIMINARY STUDY TEAM. 9. REMARKS

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,	POTENTIAL VAIR SALATA CONTOUR	100000		(<u>-</u>			
, ,	> \$7		×		LONGITUDE	111	R
!		ASOUT 10	ASOUT 100 M DOWNSTREAM FROM THE	REAM FA	IN THE		
'n	DISTANCE FROM LOAD CHAFER :	24.0 KM					
•	TYPE OF DEVELOPMENT	AUN-OF-RIVER	VER				
ŗ	PROJECT FEATURES						
٠.							
	CATCHENNY ARMA		0.00				
	KINEKOND HERVALION AL DARNIER	יים ביים ביים ביים ביים ביים ביים ביים			等 多大		
	AVERAGE ANNUAL BAINFACE ANDOAND CONCORDANTON	2	747010				
		(CHS)	0.9				
4.	_	Ξ	30.0	_		d Congression	
	PRESTOCK TURKEL LEAGTH	£	20+0				
	PLANT FACTOR		5*0				
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×	BEPRELIMINARY POWER CUIPUT CALCULATION	JEAT ION					1
	はじのマゴビットで、第222 な	(DKU)					
	DEPOTATION DESCRIPTION OF STREET	CONTR	7 10				`
٠.	いかく どういいい していかかつに こつアイメイズ	(0.82)	11.2				
	FULL SUPPLY LEVEL	(EL: *)	0.84	•			
	TAIR SATER LEVEL	(###JE)	2 45+0	•			
	ADMITTOLING BOTHWAREND MINERAL		1 0.82	A I	10000000000000000000000000000000000000		٠.
	GRUDS MING	5	3.				
	NET HEAD	(X)	2		等 () () () () () () () () () (10000000000000000000000000000000000000	
	FIRM DUTPUT	(XX)	, 0		, January		Ş
	DEPENDABLE PEAK QUIPUT	13.5	を から の の の の の の の の の の の の の の の の の の	本が			- 1
:	INSTALLED CAPACITY						
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TERCIE COLUMN TO THE COLUMN TO	CONTRACTOR	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	_	TION (CMS)	CMS)	STITE (BLANKER ON	ASTTO CELTATION WOLLD'S CONTROL OF CONTROL O	#STTON (61.2 MT) #STTON (61.2 MT) #STTON (61.1 MT) # (MM)	(SO.KN) = CEEVATION (ELSH) = CREST (MY) = CREST (MY) = CRIN = CRI	CGNTER: RECEVATION REST AT DAMSITE FALL FF	CEN TANTE	CENTER : ABOUT 2.0 KM UPSTREAM FR CONFLUENCE OF THE S.TEBA CENTER : AG.0 KM : RESEVOIR ELEVATION (ELEVE) 550.0 AT DAMSITE (ELEVE) 61.0 FALL (MM) 2 22.0 FALL (MM) 3 32.0 FALL (MM) 3 32.0		•	0.0	11、日本の一般の東京を開発しています。	UNNEL LENGTH	LADRACE 1
LENGTH (RE) III	1970年の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の	1000年の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の	の のの様の異常として	ION NOI	P. (MI)	SETTE CELLERY AND ACCOUNTS AND	MSTTE (ELTAY) MSTTE (ELTAY) MSTTE (MM) ON	1700 (61,817) 1700 (61,817) 187 (81,817)	CSO, THE ELEVATION (SO, THE	CENTER : R EEEVATION REST AT DAMSITE ALL GRATION	CEN PATE PATE PATE PATE PATE PATE PATE PATE	CENTER: ABOUT 2.0 KM UPSTREAM FREE CONFLUENCE OF THE STEBA CENTER: ASSAVOIR ELEVATION (ELEMPE) 500.0 REST AT DANSITE (ELEMPE) 510.0 GRATION (MM): 1480.0	•		1.0		INUAL RUNGFF	VERAGE AN
CONSTRUCTS LENGTH LENGTH TAN A TA	大人の変化	サームの主心	CRSVA		P. CHA	THE CALL THE STATE OF LAKE	ASTTE (ELIZY TO THE PARTY TO TH	TYON (61,4M) A (M) (M) (M)	(SO,KM) 2 AL ELEVATION (ELAN) 4 A CREST (AN) 4 ON AT DAMSITE (ELIN) 4 AIMFALL (MM) 4	CENTER: R ELEVATION REST AT DAMSITE	0 GE N GE	CENTER: ABOUT 2.0. KM UPSTREAM FR CENTER: 30.0 KM : RESRAVOIR : RESRAVOIR ELEVATION (ELEMPE 51.0 REST (M) 2.20.0 FALL (HM) 2.30.0 FALL	•		0.0	,	MUAL EVAPORATION	VERAGE AN
CENTROL CENTER NT R R NAT DAWSTTE INFALL NOFF ENGTH	#43 LATITUDE 1 27 0 N LATITUDE 2.0 KM UPSTRENF FR CONFLUENCE OF THE STEBA CENTER : 30.0 KM : RESERVOIR : RESERVOIR EEVATION (ELMY) 5 500.0 FALL (HM) 7 3400.0 GATION (MN) 1 1480.0 FF (CMS) 6 31.0 GTH (M) 7 0.0	#43 LATITUDE 1 27 0 N NOTE: ABOUT 2.0 KH UPSTREAM FR CONFLUENCE OF THE S-TEBA CENTER: 30.0 KM : RESEAVOIR REST AT DANSITE (EL.) MF 2. 22.0 REST AT DANSITE (EL.) MF 3. 240.0 GRATION (MM): 1480.0 FF (CMS): 31.0 GTH (MM): 0.0	4.3 LATITUDE 1 27 0 N NOTE : ABOUT 2.0 KM UPSTREAM FA CONTUENCE OF THE S-TEBA CENTER : 30.0 KM : RESERVOIR ELEVATION (ELSMY) 50.0 KEST AT DAMSITE (ELSMY) 22.0 FAIL (HM) 3400.0 GRATION (MR): 1480.0 FF (CMS): 31.0	4.3 LATITUDE 1 27 0 N NOTE : ABOUT 2.0 KM UPSTREAM FA CONTURNCE OF THE S-TEBA CENTER : 30.0 KM : RESERVOIR : RESERVOIR 508.0 REST (417.2 240.0 AT DANSITE TELINE 22.0	#3 LATITUDE 1 27 0 N LATITUDE 2.0 KM-UPSTREM FM CONFLUENCE OF THE S-TEBA CENTER : 30.0 KM : RESERVOIR : RESERVOIR ELEVATION (EL-WE) 520.0	LATITUDE 1 27 0 N NOTE: ABOUT 2.0 KM UPSTREM FA CONTURNCE OF THE S-TEBA CENTER: 30.0 KM RESERVOIR: RESERVOIR	LATITUDE 1 21 0 N NOTE : ABOUT 2.0 KM UPSTREAM FA CENTER : 30.0 KM	LATITUDE 1 27 0 N NOTE : ABOUT 2.0 KM UPSTREAMER CONFUENCE OF THE S-TEEN CENTER : 30.0 KM	TTUDE 1 21 0 N TTUDE 2.0 KW UPSTREAM FR CONFLUENCE OF THE S-TEBA	LATITUDE 1 27 0 NN NOTE * ABOUT 2.0 KF UPSTREAM FR						I TB.SEKRANG)	10	OTENTIAL
SEKRANGE 188, SEKRANG) 43 LATITUDE 1 27 0 N NOTE: ABOUT 2.0 KM-UPSTREAM FR COMFLUENCE OF THE S-TEBA CENTER: 30.0 KM : RESERVOIR : RESERVOIR SEEVATION (ELAN): 500.0 FREATON (HM): 3400.0 GRATION (HM): 3400.0 GRATION (HM): 3400.0 GRATION (MM): 1480.0 FF (CMS): 0.0 GTH (M): 0.0	SEKRANG'I 1835EKRANG) 43 LATITUDE 1 27 0 N NOTE: ABOUT 2.0 KH'UPSTREAM FR CONFLUENCE OF THE S-TEBA CENTER: 30.0 KM : RESERVOIR : RESERVOIR REST AT DANSITE (EL'M) 2 500.0 FALL (MM) 2 3400.0 GRATION (MM) 3 3400.0 GRATION (MM) 3 3400.0 GTH (MM) 60.0 GTH (MM) 60.0	SEKRANG'I 1835EKRANG') 43 NOTE: 48007 2.0 KM'UPSTREAN FR CONFLUENCE OF THE S-TEBA CENTER: 30.0 KM : RESEVATION (ELSHEE) 500.0 REST AT DANSITE (ELSHEE) 51.0 GRATION (MN): 1480.0 FF (CNS): 31.0 GTH (M): 0.0	SEKRANG'I 188, SEKRANG) 43 LATITUDE 1 27 0 N NOTE: ABOUT 2.0 KM-UPSTREM FR COMFLUENCE OF THE S-TEBA CENTER: B0.0 KM : RESERVOIR : RESERVOIR SEEVATION (ELSM) 5500.0 REST AT DAMSITE (ELSM) 52.0 FALL (MM) 72.00.0 GRATION (MR) 720.0 FALL (MM) 73.00.0	SEKRANG-1 18-SEKRANG) 43 LATITUDE 1 27 0 N NOTE: ABOUT 2.0 KM-UPSTREAM FA CONFLUENCE OF THE S-TEBA CENTER: B0.0 KM : RESERVOIR : RESERVOIR EEVATION (50.00 KM REST AT DANSITE 161,947 2. 22.0	SEKRANGEL 188.SEKRANG) 43 LATITUDE 1 21 0 N NOTE: ABOUT 2.0 KM-UPSIREAM FR CONFLUENCE OF THE S-TEBA CENTER: 30.0 KM : RESERVOIR : RESERVOIR : KSSERVOIR ELEVATION (ELSME: \$1.0	SEKRANGE 188.SEKRANGE 43 LATITUDE 1 27 0 N NOTE: ABOUT 2.0 KM-UPSTREAM FR CONFLUENCE OF THE S-TEBA CENTER: BO.0 KM : RESERVOIR: SOBS.0	SEKRANG'I %8.SEKRANG) 43 LATITUGE 1 ZI O'N NOTE: ABOUT 2.0 KM UPSTREAM FA CENTER: 30.0 KM . RESERVOIR	SEKRANG'I %B.SEKRANG) 43 LATITUDE 1 27 0 N NOTE : ABOUT 2.0 KM UPSTREM FR CONFUENCE OF THE S-TERM CENTER : 30-0 KM	. SEKRANG'I (18.5EKRANG) NO.: 43 NO.: LATITUDE NOTE: ABOUT 2.0 KH'UPSTREM FR CONFLUENCE OF THE S-TEBA	SEKRANG-I 188-SEKRANG) NO 43	NOST 43	•				· 一直	i.	DAD CENTE

DRAFT HATE FIRM DISCHARGE PEAK DISCHARGE PEUL SUPPLY ESTE RATED HATER LEVEL FAIL HATER LEVEL FAIL HATER LEVEL FAIL HATER LEVEL			0.593	0.793 24.66 49.22 60.00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 " W R R R R R R R R R R R R R R R R R R	0.793 24-6 49-2	669*0	0.593
PEAK DISCHARGE TAIN DISCHARGE TO TAIN DISCHARGE TO TAIN THE THUL SUPPLY EXPERT THE TAIL MATER LEVEL LELYN TAIL MATER LEVEL LECTOR			0.593 18-4 36.0	24.6 49.2 49.2 50.8	21.5 21.5 43.0 5.05 5.05 5.05 5.05 5.05 5.05 5.05 5	0.593 26.09 8.36.08 5.000 5.00	0.793 24.6 49.2	£69°0	0.593
FIRM DISCHARGE (FRIP) PEAK DISCHARGE FULL SUPPLY EXPRES RATED WATER EEVEL (FELTON MIN. OPERATION LEVEL (FELTON TAIL WATER LEVEL (FELTON)				4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4	41. 40. 40. 40. 40. 40. 40. 40. 40. 40. 40	4 00 00 00 00 00 00 00 00 00 00 00 00 00	24-6		
PEAK DISCHARGE FULL SUPPLY LEVEL RATED WATER LEVEL (ELFYD) HIN. DPERATION LEVEL (ELFYD) TAIL WATER LEVEL (ECSHI)			o e	53.9	4. W.	36.8 55.4 55.5	7-64	21.5	18.4
FULL SUPPLY LEVEL (ELM) RATED WATER LEVEL (ELM) MIN. OPERATION LEVEL (ELM) TAIL WATER LEVEL (ECAM)				8000 03000	in so co	55.55	各個被或者以	43-0	36-8
FULL SUPPLY LEYER RATED WATER LEYEL HIN. OPERATION LEYEL (ELFM) TAIL WATER LEVEL			8	8 60 83 6 6	on in	50.45		"我们就是这个人	a Table
RATED WATER LEVEL. THE WAIN OPERATION LEVEL TELEPHY TAIL WATER LEVEL				. 53.9	N, t		200	1000 M	4.00
HIN. OPERATION LEVEL TELEMENTAL TAIL WATER LEVEL		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.0	0	11.0		53.3	51.7	50.1
TAIL WATER LEVEL TELTHEN A	金の人のない		56.9	700	2 +	100	38.6	38.6	38.6
		7	24.0	24.0	24.0	24.0	24.0	24.0	24-0
	いかれるおか	1. 多次於							
GROSS STORAGE		40.0	349.9	344*2	301.4	256.4	338.5	252-9	187.2
ACTIVE STORAGE		多少多	248.9	300.2	214.5	148.9	2002	22.4.5	0.011
SEDIMENT VOLUME	がはいいか		25.4	25.4	25.4	7	52.4	25.4	25.4
EFFICIENCY	0.62	0.82	0.82	0,92	0.82	0.82	0.82	0.82	0.82
£	30-2	33.9	35.6	59.6	31.5	31.5	29•3	27.7	26-1
N. C. W.	27.4	30.5	1.26	6.92	28.3	28.3	59.4	25.0	53.5
INSTALLED CAPACITY (MW) 2	8.03	10.6		10.6	8 6	8.4	10.4	8.6	7.00

9. REMARKS : THIS SITE PROCEEDED TO THE SECOND SCREENING.

LATITUDE 1 27 0 N LONGITUDE NOTE : ABBUT 100 M DOWNSTREAM FROM THE CONFLUENCE OF THE S-SENAN SEKRANG-2 (B.SEKRANG) 1. COAD CENTER Z. POTENTIAL SITE 3. IDENTIFICATION NO.

5. DISTANCE FROM LOAD CENTER : 45.0 KM 6. TYPE OF DEVELOPMENT : RESERVOIR

T. PROJECT FEATURES

360.00 360.00 360.00 1450.00 120.00 110.00 1.00.00 1.00.00 1.00.00 MAX. TOPOCRAPHICAL ELEVATION (EL;M):
MAX. WIDTH DF DAN CREST
RIVERBED ELEVATION AT DAMSITE (EL;M):
AVERAGE ANNUAL RAINFALL
AVERAGE ANNUAL EVAPORATION (MM):
AVERAGE ANNUAL ENOTH
HEABRACE TENNEL ENOTH
PENINEL ENOTH
PENINEL ENOTH
PENINE FACTOR
DENUDATION RATE

OFNUSATION RATE

(MM/YR): CATCHMENT AREA

B. PREEININARY POWER DUTPUT CALCULATION

DESCRIPTION	TIME	CA38-1	CASE-2	CASE-3	CA35-4	CASE-5	CASE-6	CASE-7	CASE-8	CASE-9
三十二年 一八年 新教教教教教教教										
THE STATE OF THE S	[4]	0.851	0.735	94.665	0.851	0.795	0.665	0.851	0.785	0.665
CONTRACTOR OF THE PARTY OF THE	(CHS)	18.7	17.3	14.6	18.7	17.3	14.6	18-1	· · · · · · · · · · · · · · · · · · ·	15.6
	CONSI	37.25	34.5	29.3	37.4	24.5		大田 東京時代	34.5	2.62
	では、このでは、	のでは、	化工作物的	李 美	と対象があ	· 医乳头	をあるとなか	をなる。	の対象を対象	※ である は
		170.7	188.9	187.7	160.5	157.0	153.55	136.0	101.0	12.421
SALE STATE OF THE PARTY OF THE	_	173.7	175.7	178.1	8 4 2 4 1	145.4	145.0	0.4	97.0	1979
A STER LEVEL	(EL:M)		72.0	72.0	72.0	72.0	72.0	72.0	72.0	72-0
GROCK STORAGE	SUR V	1290.0	1290.0	1290.0	702.4	625.1	549.1	303+3	231.9	162.9
ACRES CTURACE	CHURCH)	279.3	507.9	1 7.8 . 9	27943-	E 6*102	158.9	279.3	6.202	138.9
SECTION VOLUME	(EUE)	18•Û	13.0	0.	13.0	18.0	18.0	18.0	18-0	18.0
POWER CEMERATION E	FICI	28.0	58.5	0.82	0.82	0.82	0.82	0.82	0.82	0.82
GROSS HEAD		107.7	103.5	109-3	93≁6	81.1	78.7	52.3	1.14	F 9 E
WET MEAD		6*96	7.76	93.4	15.2	73.0	10.8	47.1	42.9	38.8
MESTALLED CAPACITY	(MAC)		27.1	23~2	22.6	20.2	16.7	14.2	£1.9	9.1
				-						

9. REMARKS - THIS SITE PROCESSED TO THE SECOND SCREENING.

NYENTORY OF POTENTIAL SITE FOR THE FIRST SCRENING

D-	LONGITU	2			
********	19 0 W	5.* 2		18450 1860 1860 1860 1860 1860 1860 1860 186	v.
1900	SRI AMAN - 45 - 45 - LATITUDE 1 19 0 N LUNGITU NOTE : ABOUT 300 N UPSIREAM THE	CONTLUENCE OF THE STOCKONS * 41.0 KM * RESERVOIR		(ELTH) A (EL	, , , , , , , , , , , , , , , , , , , ,
	SRI AMAN E LEMANAK E 45 NOTE :		-	ELEVATION CREST AT DAMSITE WFALL PORATION OFF	
	1. LOAD CENTER 2. POTENTIAL SITE 3. IDENTIEICATION NO.	S. DISTANCE FROM LOAD CENTER :	7. PROJECT FEATURES	CATCHMENT TAREA HAX. TOPOGRAPHICAL ELEVATION (ELTH) HAX. WIDTH OF DAM CREST ALVERBED ELEVATION AT DAMSITE (ELTH) AVERAGE ANNUAL RAINFALL AVERAGE ANNUAL SVAPGRATION AVERAGE ANNUAL EVAPGRATION HEADRAGE TUNNEL LENGTH (MN) T	PLANT FACTOR
ž.	3293	5. DI	7. PR	AZZZ AZZZ AZZZ AZZZ	2 (

CALCULATION
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CRAFT RATE (ZHS) 0.785 0.665 0.851 0.785 0.665 0.785 0.783	OE SCRIPTIO"	LI NT	CASS-1	CASE-2	CASE-3	CASE-4	CASE-5	CASE-6	CASE-7	CASE-8	CASE-9
CCMS 9.4 8.6 7.3 9.4 18.6 18.5	DRAFT RAFE	(X)	₩ ₩ •	0.785	0.665	0.851	0.785	0.665	0.851	0.785	0.565
(FL;M) 150.1 150.8 151.3 135.4 133.8 131.2 11943 11546 (FL;M) 145.6 147.5 149.1 124.2 125.0 124.7 98.8 93.8 (EL;M) 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0	FIRM DISCHARGE PERK DISCHARGE	200	18.7	9-8	2.7	1.01	7. T.	14.4			7.0
LCVEL (ELM) 145-6 147-5 149-1 124-2 163-0 124-1 71-0 71-0 71-0 71-0 71-0 71-0 71-0 71	AATED NATER LEVEL		150.1	130.0	191.3	135.4	8 604	131.2	119.3	115.6	110.7
(MCM) 454.3 454.3 454.3 259.6 228.9 192.7 154.8 119-1 (MCM) 139.6 103.9 40.2 69.4 139.5 119.1 139.5 (MCM) 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2	MINA OPERATION LEVEL TAIL WATER LEVEL	~ ~	71.0	71.0	149.1 71.0	7.4.5	0.17	71.0	71.0	71.0	71.0
# FFICIENCY 0.82 0.82 0.82 0.82 0.82 0.82 0.82 0.82	GROSS STORAGE ACTIVE STORAGE SEDIMENT VOLUME	(KOK)	139.6	454.3 103.9 m	454e3 -=: 59e4	259.6 139.5 9.2	228.9	192.7 5.6 9.2	154.8 139.5	119.1	84.6 69.4 7.2
(MH) 10.7 10.0 8.5 8.7 7.9 6.5	POWER GENGRATION CFT GROSS HEAD NET HEAD	O	0.32 79.1 71.2	0.82 79.8 71.8	0+82 80+3 72+3	0 + 82 64 + 4 58 + 0	0 82 62 8 56 5	0.82 60.2 54.2	0.82 6.83 6.84	0.82 44.6 40.1	0.82 39.7 35.8
	INSTALLED CAPACITY	(MM)	10.7	10.0	10°	7.8	7.9	\$-9	9	9.5	N-1

9. REMARKS