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ANNEX 3-13-3	13-3				CHY NOTTRICONS IS ANYTHIN	NT 101000		•		· · ·	(UNIT:	GWD)
SURSTATION						ACTUAL						GROWTH RATE
	1975	1976	1977	1978	1979	1980	1861	1982	1983	1984	1985	(X/YEAR)
LOP BURI 1 & 2	41.11	53.33	64.63	72.06	74.52	79.29	91.42	91.89	102.11	114.12	125.71	9.7
MANOROM	17.73	21.98	27.09	28.02	32.86	41.56	46.14	51.99	61.50	66.88	77.39	13.2
ION SAWAN	47 74	53.63	68.17	81.24	88.76	93.93	99.03	106.31	123.21	136.53	151.71	10.1
CHA BUN			14.17	22.73	28.20	33.76	39.84	44 64	54.62	59.83	61.72	12.8
BURI	13.09	18.04	22.12	27.57	32.85	35.08	40.57	48.63	54.76	54.72	59.45	11.1
TAKHLI 2 LOMSAK	14.05	14.39	16.56	18.15	20.19	20.89	21.90	23.59	24.94	27.00	28.31	6.3
CHAI BADAN												
TOTAL	133.72	161.87	212.74	249.76	277.37	304.51	338.91	367.05	421.15	459.08	504.29	10.6

NOT THE WORLD						FORECAST					CROWTH RATE
WAT THIERDS	1986	1987	1988	1989	0661	1991	1992	1993	1994	1995	(\$/YEAR)
LOP BURI 1 & 2	138.70	150.63	144.92	153.53	162.55	171.66	180.81	189.90	198.96	207.94	5.2
MANOROM	80.34	93.50	100.74	108.11	115.77	123.46	131.15	138.74	146.21	153.53	7.1
NAKHON SAWAN	165.06	182.29	195.89	209.92	224.69	239.69	254.80	269.83	284.73	299.39	7.0
FHETCHA BUN	73.16	81.78	47.96	51.83	56.09	60.37	64.63	68.83	72.95	76.97	2.2
SING BURI	61.64	66.93	71,33	76.65	82.14	87.66	93.17	98.60	103.96	109.23	6.3
TAKHLI 2	29.87	31.94	33.70	35.47	37.32	39.15	40.97	42.73	44.45	46.12	5.0
LONSAK			28.20	30.88	33.85	36.89	39.98	43.06	46.15	49.21	8°.3
CHAI BADAN			28.96	31.72	34.78	37.91	41.08	44.26	47.45	50.63	8.3
TOTAL	548.76	607.07	651.69	698.11	747.19	796.79	846.59	895.96	944.86	993.02	7.0
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A 3-55

(UNIT: GWh)

ENERGY DEMAND BY SUBSTATION (NE1)

ANNEX 3-13-4

						ACTUAL						GRUNIH KAIL
SUBSIALIUN	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	(Z/YEAR)
CHUM PHAE	4.64	11.08	18,53	23.85	27.44	33.60	39.02	26.71	30.12	38.32	43.47	5.3
KHON KAEN I	46.20	54.48	65.12	83.50	87.54	92.40	107.51	118.72	129.71	143.35	155.95	11.0
LOEI								24.87	30.74	35.60	42.07	19.2
NAKON PHANOM	11.99	10.16	11.56	12.73	13.17	14.62	15.20	16.79	20.24	21.76	22.70	9.2
NAM PHONG							0.68	25.78	40.83	41.64	39.25	
NAM PHUNG	0.18	0.20	0.35	0.47	0.60	0.64	0.76	0.93	1.27	1.62	2.06	26.5
NONG KHAI	11.94	14.06	15.36	20.08	23.14	24.90	29 66	33.39	39.49	44.02	47-24	13.7
PHANG KHON								18.61	22.65	28.45	29.48	
SAKON NAKHON	13.41	18.55	18.95	23.44	25.12	28.02	35.24	24.54	29 64	32.73	37.13	5°,0
THAT PHANOM	2.24	2.69	3.19	4.17	5.04	4.72	5 79	7.03	12.2	10.01	11.66	19,9
UDON THANI 1 & 2	70.52	75.01	81.50	88.13	99.16	109.08	129.48	139.56	147.92	163.30	178.31	.10.3
BUNG KAN												
CHULA BHORN P/S						0.03	0.06	0.07	60.0	0.11	0.11	29.8
NA KAE	0.45	0.62	0.78	1.05	1.26	1.42	1.69	1.91	2.22	0.87	*.	(11.7)
TOTAL	161.57	186.84	215.34	257.46	282.48	309.43	365.10	438-91	502.62	561.78	509 . 44	14.5
	101			2			>		2		۱ 	r * * * *

NOTIVICON						FORECAST	1					GROWTH RATE
	1986	1987	1988	1989	1990	1661	1992	1993	1994	1995		(Z/YEAR)
	-								-			
CHUM PRAE	47.37	53.95	60.31	66.94	73.92	81.09	38.40	95.76	103.15	110.52		8 8
KHON KAEN I	165.86	181.57	196.11	210.97	226.43	242.04	257.67	273.13	288.39	303.38		5.9
LOEI	44.31	49.03	53.62	58.50	63.75	69.25	75.00	80.93	87.04	93.31		с 0
NAKON PHANOM	24.44	26.88	29.20	31.60	34.14	36.74	39.39	42.03	44.67	47.28		7.6
NAM PHONG	46.39	49.13	51.58	54.14	56.91	59.76	62.65	65.56	68.48	71.38		6.2
NAM PHUNG	2.38	2.80	3.25	3.74	4.26	4.82	5.41	6.02	6.67	7,36		13.6
NONG KHAI	52.56	49.26	52.84	56.37	60.04	63.72	67.38	70.98	74.52	77.99		5.1
PHANG KHON	32.74	33.36	37,06	40.65	44.12	47.32	50.18	52.65	54.71	56.35		6.7
SAKON NAKHON	39.12	42.77	46.13	49.55	53.11	56.68	60.24	63.74	67.17	70.52		6.6
THAT PHANOM	12.49	13.87	15.17	16.49	17.86	19.25	20.64	22.01	23.37	24.69		7.8
UDON THANI 1 & 2	186.97	204.56	220.79	237 24	254.17	270.96	287.38	303,12	318.04	331.95		6.4
BUNG KAN		13.76	15.76	17.95	20.31	22.85	25.55	28, 38	31.33	34.37		12.1
CHULA BHORN P/S	0.13	0.14	0.15	0 17	0.18	0.20	0.21	0, 23	0.25	0.27		6
INA KAE		-			-							
											-	
1071	654 75	721 05	781 96	0£ 77	10 909	974.66	1.040.09	1.104.54	1 167 79	1.229.36		7.3

	(UNIT: GWh)	CROWTH RATE	35 (Z/YEAR)		51 . 4.2								8 17.2	•	GROWTH RATE	(%/YEAR)	5.0	5.4	9.3	17.0	6.6	8.7	11.8		0
	Ð		1985	63.71	74.61	18.80	7.32	56.53	17.17	110.44	57.60	، بـــــ	406.18	 н 14			,	****							
			1984	50.23	16.69	16.77	7.71	47.51	15,38	101 55	50.68		359.73	· ·		1995	104.03	126.49	45.66	139.46	I7.47	130.36	52.51	219.45	00.141
. *			1983	27.12	71.41	15.10	7.23	38.08	13.89	91.82	43.25		307.91			1994	97.19	116.02	42.84	130.49	16.55	121.79	48.09	207,27	00.011
	•		1982		75.35	12.52	6.48	28.52	17.68	76.12	36.49		253.16			1993	90.34	106.04	40.00	121.48	15.66	113.19	43.88	105 53	
(NE2)			1981		75.46	9,83	5.51	2.41	9.20	93.42	29.54		225.36			1992	83.53	96.55	37.17	112.48	14.81	104.63	39.87	183.10	T
DEMAND BY SUBSTATION		ACTUAL	1980		60.62	8.35	4.61		2.60	82.74	22.11		184.02		FORECAST	1991	76.78	87.56	34.35	103.52	13.99	6.11	36.07	171.20	
DEMAND BY			1979		53.83	6.23	1.91		4.20	76 07	18.20		160.44			1990	70.16	79.49	31.58	94.72	13.21	88.79	32.46	159-56 82 14	****
ENERGY 1		•	1978		07-67	4.31	1.27		3.16	68.61	15.64		142.40	:		1989	63.74	71.82	28.88	86.12	12.46	81.50	29.06	148.26	
			1977		36.67	3.67	0.68		2.37	57.23	12.45		113.07			1988	57.65	64.55	26.32	77.95	11.74	74.46	25.85	137.61	67.10
	·		1976		27.86	16 . 5	0.62	1	1.55	47.07	8.43		88.84	·		1987	52.12	57.67	23.87	70.09	11.06	67.56	22.83	127.40	2
ŝ			1975		20.02	2.93	0.09		0.93	40.95	6.24		71.16	÷.		1986	58.07	61.63	20.94	33.87	10.42	60.28	20.00	116.55 57 80	
ANNEX 3-13-5		SIIB CT & TTON	MOTIVICANC	KALASIN	MAHA SARAKHAM	MUKDAHAN ROTET	SIRINDHON	SISAKET	SOMDET	UBON RATCHATHANI 1	VASOTHON		TOTAL		CITRCTATION		KALASIN	MAHA SARAKHAM	MUKDAHAN	ROIET	SIRINDHON	SISAKET	SOMDET	UBON RATCHATHANI 1	NUTURAL
. : 						;								A 3	- 5	7									

8.9

957.08

893.53

831,26

769.85

709.46

652.11

596.38

543.42

492.86

439.66

TOTAL

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(UNIT: GWh)

ENERGY DEMAND BY SUBSTATION (NE3)

ANNEX 3-13-6

						ACTUAL						CROWTH RATE
NOT TAXED	1975	1976	1977	1978	1979	1980	1861	1982	1983	1984	1985	(Z/YEAR)
BURI RAM								30.56	43.21	52.59	61.26	26.1
CHAIYA PHUM							7.45	27.87	32.74	39.84	48.54	59.8
NAKHON RATCHASIMA 1 & 2	110.53	128.43	141.59	164.25	181.97	204.34	234.78	224.68	255.06	287.12	323.16	9.6
PAK CHONG	28.14	34.30	47.72	51.86	65.28	74.35	76.71	53.25	54.70	59.03	61.57	(3.7)
NOHA	14.43	21.12	27.34	35.15	39.29	44.77	48.70	37.43	45.11	50.97	49.69	2.1
SIKHIU	4 							50.41	64.14	74.54	73.95	13.6
SURIN	19.40	25.81	34.24	43.37	51.40	59.93	65.49	48.32	48.82	58.90	64.52	1.5
TOTAL	172.50	209.65	250.90	294.62	337-93	383.39	433 13	472.52	543.77	622.98	682.69	12.2
and the second												Concession of the
erra em Am T AN						FORECAST						GROWTH RATE
NOT ITISONS	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995		(X/YEAR)
RIRT RAM	68.17	77.14	85.82	98.86	104.38	114.13	124.67	134.07	144.10	11 751		L.9
CHATYA PHUM	53.43	59.18	64.43	69.82	75.46	81.19	86.98	92.76	98.53	104.27		6.2
NAKHON RATCHASIMA 1 & 2		370.26	394.70	419.46	445.18	470.72	495.96	520.33	543.91	566.08		5.8
PAK CHONG	66.13	72.36	77.98	83.49	88.98	94.17	99.17	104.08	108.94	113.75	verse	6.3
NOHA	45.12	48.68	51.75	54.75	57.78	60.76	63.67	66.44	69.08	71.56		3.7
SIKHIU	76.54	81.83	86.48	91.18	96,03	100.78	105.39	109.73	113.78	117.71		4,8
SURIN	69.33	77.05	84.07	91.11	98.44	105.81	113.23	120.57	127.78	134.78		7.6
TOTAL	719.44	786.49	845.23	904.67	966.24	1,027.58 1,088.46	1,088.46	1,147.97	1,206.11	1,262,25		63
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ANNEX 3-13-7

ENERGY DEMAND BY SUBSTATION (C1)

GROWTH RATE (12.5) 26.9 16.6 26.9 17.2 29.9 29.9 (27.8) 17.8 (X/YEAR) 22.3 (UNIT: GWb) 32.26 52.93 52.93 97.23 97.23 1122.47 100.97 313.63 119.46 87.33 89.24 1985 6.00 1,762.19 33.78 44.84 90.95 90.95 93.23 93.23 93.23 93.23 107.82 107.82 101.20 74.00 74.00 74.00 1,111.93 1,292.20 1984 14.20 49.54 76.21 152.97 80.58 99.83 99.83 99.83 54.13 54.13 E861 35.90 70.00 82.25 90.53 2211.88 132.32 66.73 59.46 1982 60.88 0.67 48.03 41.60 864.34 68.54 72.80 68.17 68.17 148.59 137.67 137.67 54.13 54.13 61.46 48.43 35,16 1861 739.20 71.07 56.82 75.93 95.18 136.44 136.44 24.14 ACTUAL 1980 642.79 63.00 50.18 30.52 64.79 40.96 77.30 86.00 138.95 138.95 11.30 1979 56.71 50.06 23.22 571.50 540,88 62.06 39.25 77.78 85.43 5.36 8.99 8.99 21.96 1978 45.35 48.08 53.40 30.19 70.42 81.10 17.78 475.45 37.72 6.57 36.33 1977 370.68 29.43 38.66 21.42 63.38 71.33 109.94 12.69 4.61 19.22 1976 385.52 1975 3.70 21.28 9.94 24.30 25.68 16.67 44.14 70.94 68.87 WATTHANA NAKHON SUBSTATION BANG PA IN PRACHIN BURI SARABURI 1 SARABURI 2 SARABURI 3 TOTAL ANG THONG 1 ANG THONG 2 AYUTTHATA 1 BAN MAI SARABURI 4 THALAN MEA

1000 1 1000		T OWNERS T						GROWTH FATE
	0661	1661	1992	1993	1994	1995		(X/YEAR)
		2						
37.41 39.28	41.24	43.30	45.47	47.74	50.13	52.64		5.0
65.55 71.30	77.29	83.32	89,31	95.16	100.80	106.17		7.2
144.95 157.77	171 46	185.60	200.08	214.66	229.26	243.71		7.9
-1	1,175.33	1,246.09	1,319.77	1,399.24	1,484.64	1,576.55		6.7
	128.81	136.33	144.04	151.88	159.82	167.84	<u>.</u>	5.6
	142.04	148.32	156.36	163.74	170.96	177.98		3.8
132.45 140.12	148.16	156.24	164.33	172.31	180.17	187.89		6.4
	591.59	597.03	602.85	609.05	615,61	622.53		7.1
428.10 469.60	469.60	469.60	469,60	469.60	469.60	469.60		14.7
	128.08	136.84	145.73	154.65	163.60	172.53		7.0
3.69 121.39	129.57	138.00	146.65	155.41	164.28	173.21		6.9
53.17 58.28	63.55	68.84	74.54	80.20	85.80	01.30		8.0
					* ;			
				-				
	3,266.71	3,410.00	3,558,71	3,713.61	3,874.66	4,041.93		8.7
2,110.74 2,415.86 2,956.06 3,						,128.46 3,266.71 3,410.00 3,558.71 3,713.61 3,874.66		128.46 3,266.71 3,410.00 3,558.71 3,713.61 3,874.66

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(UNIL: GMP)

ENERGY DEMAND BY SUBSTATION (C2)

<u>ANNEX 3-13-8</u>

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1975 1976 1977 1978 1975 1976 1977 1976 1977 1984 1982 1992 1992 1992 1992 1992 1992 1992 1992 1992 1992 1992 1992 1992 1992 1992 1992 1992 1992 1012 1012 <th< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>													
Alt Blobble Blobble <thblobble< th=""> Blobble B</thblobble<>	SUBSTATION	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	(Z/YEAR)
ALT ALT Box 20 Sol 10										 			
Wile 31.64 90.73 56.14 70.60 73.19 77.56 177.33 166.10 155.63 177.36 155.63 177.36 155.63 155.73 156.73 155.73 156.73 155.73	PHAI					-					0.20	4.86	
Lidentice 31.46 105.15 36.12 70.60 75.15 35.12 71.25 112.25 112.25 112.25 112.25 112.25 112.25 112.25 112.25 112.25 122.25 <td>BUNG</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>16.81</td> <td>48.23</td> <td>48.46</td> <td>52.94</td> <td>56.49</td> <td>-3</td>	BUNG							16.81	48.23	48.46	52.94	56.49	-3
WILT B3.46 B3.46 <thb< td=""><td>C LAMING</td><td>37 64</td><td>50.73 E</td><td>58.12</td><td></td><td>78.77</td><td>89.29</td><td>98.24</td><td>109.97</td><td>128_38</td><td>147.29</td><td>156.73</td><td></td></thb<>	C LAMING	37 64	50.73 E	58.12		78.77	89.29	98.24	109.97	128_38	147.29	156.73	
MARKING Solution 130.16 130.						0 0 0			00 091		010 10		1 U
MARKIN 96.21 36.20 56.02 96.02 99.40 114,412 112.75 125.16 193.45 193.55 132.77 112.12 122.12 22.22 C 3 2 2 5 3 3 3 4 46.57 51.10 57.39 57.70 73.23 73.95 66.50 C 3 2 2 5 10 17.61 17.61 12.95 66.50 22.23 22.25 66.50 22.43 23.44 27.70 73.23 73.95 66.50 71.110.01 12.95 66.50 17.111.00 12.95 17.111.00 12.95 11.111.20 11.111.20 11.111.20	N DUKI	00.40	01.01	01.021		11/0.12	00.01	CC. 777	107.07		011011	10.022	
Maukiti 31.40 65.30 84.35 103.26 114.45 132.77 144.56 163.23 61 31 31.95 37.10 37.30 35.33 37.25 37	CHOENG SAO	36.21	38.26	36.02		59.02	c6.//	89.20	100.12	112.35	120.79	152.18	14.3
G 31.95 44.38 61.51 79.02 72.15 79.62 90.27 93.43 155.26 193.56 197.76 C 3 23 23.53 29.96 37.03 43.16 46.57 31.00 57.39 57.70 73.23 5.53 66.97 C 3 23 23.53 29.96 37.03 43.16 9.57 19.41 17.01 13.95 66.90 BIF 2 6.96 9.77 10.48 13.97 9.58 13.77 17.67 19.41 17.01 13.95 66.90 BIF 2 6.96 9.77 10.48 13.97 9.58 13.77 17.67 19.41 17.01 13.95 66.90 TOTAL 211.79 238.43 442.89 505.24 571.56 1991 1992 1911.20 TOTAL 211.73 228.42 534.75 540.16 97.45 541.12 394.75 11.11.0.3 Mot 55.60 59.40 59.40 59.40	NTHABURI						84 35	103.26	114.43	132.77	144.54	1 163.23	24.9
0 11.95 44.38 61.51 79.02 72.15 79.43 155.26 193.56 197.76 0.2 23.5 29.96 37.03 43.18 46.57 51.00 57.30 57.30 57.35 58.90 0.1 23.5 29.96 37.03 43.18 46.57 51.00 57.30 57.30 37.33 75.35 56.90 BIF 2 6.96 9.77 10.48 113.97 9.58 13.57 17.67 19.41 17.01 13.59 56.90 BIF 2 6.96 9.77 10.48 13.97 9.58 1990 712.38 863.11 979.22 1,113.03 TOTAL 221.79 278.70 339.44 442.89 505.24 571.53 690.16 712.38 863.11 979.22 1,113.03 MC 4.90 19.80 39.40 59.40 59.40 59.40 59.40 59.40 59.40 59.40 59.40 59.40 59.40 59.40 <t< td=""><td>- UNA</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td></t<>	- UNA								-				
C1 Trans Tr		31 05	95 77	61 51		9 04	0				50	107 76	20.0
6 2 Cat 23.55 Cat 23.56 Stress 37.03 Stress 43.16 Stress 46.57 Stress 51.00 Stress 57.30 Stress 57.30 Stress 57.30 Stress 57.35 Stress 54.55 Stress 54.56 Stress 54.57 Stress					۰.	•	n -	•	ί.	•	n –		
6.3 25.55 29.56 37.03 43.18 46.57 51.00 57.39 57.70 73.23 72.37 42.37 HIF 2 0.96 9.77 10.48 13.97 9.58 13.77 17.67 19.41 17.01 13.95 86.90 HIF 2 0.96 9.77 10.48 13.97 9.58 13.77 17.01 13.95 15.95 86.90 TOTAL 221.79 278.24 339.34 442.89 505.24 571.53 650.16 712.38 863.11 979.22 1,113.03 TOTAL 221.79 278.24 339.34 442.89 505.24 571.53 650.16 712.38 863.11 979.22 1,113.03 Mic 4,90 19.86 1969 1990 1992 1993 113.03 Mic 4,90 19.81 195.60 29.40 59.40 59.40 59.40 59.40 59.40 59.40 59.40 59.40 50.40 50.41 50.42	ONG 2											cz./z	
CELA 25.55 29.96 37.03 43.18 46.57 51.00 57.30 57.70 73.23 75.95 86.90 HTP 2 6.96 9.77 10.48 13.97 9.58 13.77 17.67 19.41 17.01 12.95 86.90 HTP 2 6.96 9.77 10.48 13.97 9.58 13.77 17.67 19.41 17.01 12.95 86.90 HTP 2 6.96 9.97 590.16 712.38 863.11 979.52 1,113.03 HTP 1986 1987 1986 1989 1990 1991 1992 1995 1912.04 HTP 4.9 1986 1989 1980 1992 1993 1912.04 1995 1,113.03 HIN 55.80 61.31 197.52 134.43 247.44 297.55 244.43 247.44 297.55 244.55 HAMINC 166.01 182.24 195.20 137.54 247	ONG 3								• •		2.27	42.27	
MIP 2 6.96 9.77 10.48 13.97 9.58 13.77 17.67 19.41 17.01 13.95 13.17 TOTAL 221.79 278.24 339.34 442.89 505.24 571.53 650.16 712.38 863.11 979.52 1,111.03 UBSTATION 1996 1997 1998 1999 1997 1993 1994 1995 1,113.03 UBSTATION 1996 1997 1998 1999 1999 1993 1994 1995 1,113.03 Mix 4.90 19.80 39.60 59.40	RACHA	25 55	29.96	37.03		46.57	51.00	57 39	57.70	73.23	- ur	86.90	< 11 >
MTP 2 6.96 9.77 10.48 13.97 13.77 17.67 19.41 17.01 13.95 TOTAL 211.79 278.24 339.34 442.89 505.24 571.53 650.16 712.38 863.11 979.52 1,1113.03 UBSTATION 1966 1967 1983 1990 1991 1992 1993 1994 1995 1,113.03 MC 55.60 61.31 1986 1990 1991 1992 1992 1993 1994 1995 1,112.03 MC 55.60 65.40 59.40 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1 - 1</td><td></td><td></td></td<>											1 - 1		
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TOTAL 221.79 278.24 339.34 442.89 505.24 571.53 650.16 712.38 863.11 979.52 1,113.03 UBSTATION 1966 1967 1987 1987 1992 1993 1994 1995 1,113.03 UBSTATION 1966 1987 1989 1990 1991 1992 1993 1994 1995 1,113.03 MI 4,90 19.80 39.60 59.40				0 1 2	*	•)	•	۱				2
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UBSTATION 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 MI 4.90 19.80 39.60 59.40 59.40 59.40 59.40 59.40 59.40 59.40 111.26 LAMUNG 55.80 61.31 66.63 72.21 78.20 84.44 90.92 97.55 104.34 111.26 LAMUNG 165.01 255.39 207.98 221.25 234.43 247.44 260.09 227.39 284.25 234.43 247.47 260.09 272.39 284.75 391.39 408.08 424.75 05.00 255.39 192.46 207.72 223.88 54 254.75 201.52 297.53 242.72 259.21 05.01 152.30 177.19 144.51 155.39 122.45 340 750.18 240.47 257.34 270.26 291.17 307.92 05.02 197.41 276.38 297.23 186.77 201.52 216.34 270.26 291.17 307.92 05.04 60.97 66.12 71.146 477.15 51.72 05.26 34.77 10 47.10 70.80 445.00 408.77 201.52 216.34 270.26 290.20 04.07 408.78 441.70 477.15 155.30 05.26 347.71 40.43 46.20 58.73 56.04 60.97 66.12 71.146 770.1 82.72 05.26 34.77 118.88 126.93 75.20 500.20 500.20 500.20 500.20 04.07 84.07 895.53 05.26 31.16.91 111.31 118.88 126.93 75.26 14.177 215.37 161.18 170.11 04.07 84.07 895.53 05.26 392.41 70.68 126.93 75.26 14.177 215.23 92.44 97.63 04.07 84.07 895.53 04.07 84.07 895.53 05.26 30.20 500.20 500.20 500.20 500.20 500.20 170.01 04.04.07 84.07 895.53 05.26 350.20 500.20 500.20 500.20 500.20 500.20 170.01 04.04.07 84.07 895.53 05.26 350.20 500.20 500.20 500.20 500.20 170.01 04.04.07 84.07 895.53 05.26 350.20 500.20 500.20 500.20 170.01 04.04.07 80.53 05.26 350.20 500.20 500.20 500.20 500.20 170.01 04.04.07 80.05 05.26 30.20 500.20 500.20 170.01 04.04.07 10.04.01 110.31 118.88 126.93 75.26 2.661.74 2.799.69 2.938.61					1 C - 1								
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MI 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 AI 4.90 19.80 39.60 59.40 <							FORECAST		-			-	CROWTH RATE
AI 4.90 19.80 39.60 59.40 59.	SUBSTALLON	1086	1 9.8-7	1988	1989	000	1001		1003	1 7001	1995		T (*/WEAR)
AI 4.90 19.80 39.60 59.40 59.													/worrs /w/
MIL 57.80 61.31 66.63 72.21 78.20 84.44 90.92 97.55 104.34 111.26 UNG 165.01 182.24 195.08 207.98 221.25 234.43 247.44 90.92 97.55 104.34 111.26 UNG 55.80 182.24 195.08 207.98 221.25 234.43 247.44 260.09 272.39 284.25 BURI 230.09 255.39 278.70 302.95 328.54 354.75 381.39 408.08 434.72 461.10 BURI 162.20 177.18 192.46 207.72 223.88 240.47 257.34 274.26 291.17 307.92 HABURI 193.34 144.51 138.39 172.25 186.77 201.52 216.34 274.26 291.17 307.92 259.21 17.61 827.32 259.21 17.65 307.92 259.21 17.66 307.92 17.61 82.52 17.66 207.92 260.20 500.20 500.20 500.20 500.20 500.20 500.20 500.20 500.20	D12 A T	40 y	10 80	30 60		50 40	0 7 0 2	50 10	07 05	20 40	50 10		× 80
UNG 55.80 61.31 90.653 72.21 78.40 84.44 90.92 91.55 111.26 LAMUNG 166.01 155.24 195.08 207.98 221.25 381.39 247.44 260.09 272.39 284.25 BURI 120.20 177.81 195.08 207.95 328.54 354.75 381.39 244.27 481.72 441.70 277.39 284.25 284.25 DENG SAO 162.00 177.81 192.46 207.92 218.77 201.52 216.34 230.98 245.37 441.70 477.15 307.92 C 19.34 42.90 47.01 51.35 56.04 60.97 66.12 77.01 82.72 397.53 G 225.21 276.38 239.23 55.06 40.87 66.12 77.415 515.30 107.92 11.76 11.76 11.76 11.46 77.01 82.72 259.21 11.76 11.76 11.46 77.01 82.73 250.20 500			20.01									· · ·	
LAMUNG 166.01 182.24 195.08 207.98 221.25 234.43 247.44 260.09 272.39 284.25 BURI 230.09 255.39 278.70 302.95 328.54 354.75 461:10 BURI 162.20 177.81 195.08 207.32 328.54 354.75 381.39 408:08 443.72 461:10 OENG SAO 162.20 144.51 193.39 172.25 186.77 201.52 216.34 237.32 239.17 307.92 G1 177.19 144.51 512.35 56.04 577.34 230.98 240.47 216.34 230.29 237.32 259.21 307.92 259.21 307.92 259.21 307.92 307.92 307.92 307.92 259.21 307.92 <td>BUNG</td> <td>55.80</td> <td>61.31</td> <td>66.63</td> <td>12.21</td> <td>18.20</td> <td>54.44</td> <td>1 50.9Z</td> <td>52,79</td> <td>104.34</td> <td>07.11.20</td> <td></td> <td></td>	BUNG	55.80	61.31	66.63	12.21	18.20	54.44	1 50.9Z	52,79	104.34	07.11.20		
BURI 230.09 255.39 278.70 302.95 328.54 354.75 381.39 408.08 434.72 461.10 OENG SAO 162.20 177.81 192.46 207.72 223.88 240.47 257.34 26 291.17 307.92 HABURI 177.19 144.51 158.39 172.25 186.77 201.52 216.34 230.98 245.32 259.21 G 1 225.21 276.38 299.23 323.56 349.84 378.20 408.78 441.70 477.15 515.30 G 3 4.77.10 477.10 82.72 56.04 60.97 66.12 71.46 77.01 82.72 G 3 4.77.10 477.10 82.72 56.00 403.78 441.70 477.15 515.30 G 3 4.77.10 477.10 82.73 55.23 56.04 70.03 56.26 71.76 477.15 515.30 G 473.80 500.20 500.20 500.20 500.20 500.20 500.20 147.15 515.30 G 477.10 104.04 113.1 118.88 126.93 76.56 82.13 87.55 92.74 97.63 161.18 170.11 G 3 4.77.10 70.80 455.00 473.80 500.20 500.20 500.20 500.20 143.72 151.18 170.11 G 1 7.218.52 1.405.87 1.565.01 2.098.79 2.234.31 2.391.41 2.525.56 2.661.74 2.799.69 2.938.61 1	3 LAMUNG	166.01	182.24	195.08	207.58	221.25	234.43	247.44	260.09	272.39 [284.25		6.1
OENIG SAO 162.20 177.81 192.46 207.72 23.88 240.47 257.34 274.26 291.17 307.92 HABURI 177.19 144.51 158.39 172.25 186.77 201.52 216.34 230.98 245.32 259.21 IG 19.34 42.90 47.01 51.35 56.04 60.97 66.12 71.46 77.01 82.72 16 IG 225.21 276.38 239.56 349.84 378.20 408.78 441.70 87.71 515.30 IC 225.21 276.38 299.23 323.56 349.84 378.20 408.78 441.70 87.63 515.30 IC 225.21 46.20 52.30 58.73 65.26 71.46 77.01 82.72 16 IC 47.10 47.40 87.05 500.20 500.20 500.20 500.20 500.20 500.20 500.20 500.20 500.20 500.20 500.20 500.20 500.20	N RIPT	230.09	255,39	278.70	302.95	328.54	354.75	381.39	408.08	434.72	461.10		7.4
TOTAL 17.218 17.211 17.225 186.77 201.52 216.34 230.98 245.32 259.21 IMBURI 177.19 144.51 158.39 172.25 186.77 201.52 216.34 230.98 245.32 259.21 IG 19.34 27.01 82.72 60.97 60.97 66.12 477.10 82.72 IG 225.21 276.04 60.97 66.12 77.16 82.72 215.30 IG 225.21 276.38 249.84 378.20 408.78 441.70 82.72 IG 24.710 47.10 87.55 349.84 56.06 77.16 82.72 IG 24.710 477.15 65.26 71.78 78.10 84.07 IG 24.710 47.10 87.55 92.74 97.63 IG 104.04 111.31 118.88 126.93 135.20 143.72 152.37 MIP 5 59.61 65.21 70.93 76.56 82.13 87.55 97.63 MIP 1.,218.52 1,405.87 1.565.01 2,098.79 2,234.31 2,525.56 2,661.74 2,74 MIP 1.,218.52 1,405.87 1		00 071		100 25	CC 200	00 000	210 47	267 736	26 766	201 17	207 02		~
HABURI 1//1.19 144-51 158.39 1/2.25 166.12 210.34 235.32 259.23 259.23 259.23 259.23 251.35 56.04 60.97 66.12 71.46 77.01 82.72 6 19.34 42.90 47.01 51.35 56.04 60.97 66.12 71.46 77.01 82.72 6 34.71 40.43 46.20 52.30 58.73 65.26 71.78 78.10 84.07 89.53 6 34.71 40.43 46.20 52.30 58.73 65.26 71.78 78.10 89.53 6 34.71 40.40 111.31 118.88 126.93 135.20 143.72 150.20 500.20 6.3 47.10 77.10 47.10 70.01 87.55 92.74 97.63 6.3 95.98 104.04 111.31 118.88 126.93 165.21 70.20 500.20 500.20 AIF 2 53.96 59.61 65.25 70.20 87.55 92.74 97.63 AIF 1.218.52 1.405.87 1.565.01 2.098.79 2.394.31 2.391.41 2.525.56 2.661.74 2.799.69 2.938.61 <td>COULING SAU</td> <td>17.701</td> <td>40.17</td> <td>04.72T</td> <td>71.107</td> <td>00.037</td> <td>11 017</td> <td>+</td> <td>07.174</td> <td>4.4.4</td> <td>10.010</td> <td></td> <td>1.1</td>	COULING SAU	17.701	40.17	04.72T	71.107	00.037	11 017	+	07.174	4.4.4	10.010		1.1
Image: Construct of the construction of the const	NTHABURI	11//19	144°.71	40.0C1	CZ-2/1	190.1/	76.102	210.34	230.98	242.32	12.402		4.1
[G 1 225.21 276.38 299.23 323.56 349.84 378.20 408.78 441.70 477.15 515.30 [C 2 34.71 40.43 46.20 52.30 56.73 65.26 71.78 78.10 84.07 89.53 [C 3 47.10 47.10 70.80 465.00 473.80 500.20 500.20 500.20 500.20 [C 3 47.10 70.80 465.00 473.80 500.20 500.20 500.20 500.20 [C 3 47.10 70.80 465.00 473.80 500.20 500.20 500.20 [C 3 47.10 70.81 111.31 118.88 126.93 135.20 143.72 151.18 170.11 CHA 53.96 59.61 65.21 70.93 76.56 82.13 87.55 92.74 97.63 MIP 2 1.,218.52 1.,405.87 1.565.01 2.098.79 2.391.41 2.525.56 2.961.74 2.799.69 2.938.61	ENC	19,34	42.90	47.01	51.35	56.04	60.97	66.12	71.46	77.01	82.72		17.5
G 2 34.71 40.43 46.20 52.30 58.73 65.26 71.78 78.10 84.07 89.53 G 3 47.10 47.10 70.80 465.00 473.80 500.20 500.20 500.20 500.20 G A 95.98 104.04 111.31 118.88 126.93 135.20 143.72 152.37 161.18 170.11 MIP 2 53.96 59.61 65.21 70.93 76.56 82.13 87.55 92.74 97.63 MIP 2 1.,218.52 1.405.87 1.565.01 2.098.79 2.391.41 2.525.56 2.661.74 2.799.69 2.938.61	ONC 1	1 225.21	276.38	299.23	323.56	349.84	378.20	408-78	441.70	477.15	515.30		1071
CIA 47.10 47.10 47.10 70.80 465.00 473.80 500.20 <t< td=""><td></td><td>12 76</td><td>27 UY</td><td>46 20</td><td>52 30</td><td>58 73</td><td>65.26</td><td>71 78</td><td>78 10</td><td>84.07</td><td>80.53</td><td></td><td>17.6</td></t<>		12 76	27 UY	46 20	52 30	58 73	65.26	71 78	78 10	84.07	80.53		17.6
IC3 41.10 41.10 10.50 10.20 500.20 500.20 500.20 OHA 95.98 104.04 111.31 118.88 126.93 135.20 143.72 152.37 161.18 170.11 AIF 53.96 59.61 65.21 70.93 76.56 82.13 87.55 92.74 97.63 AIF 2 1.218.52 1.405.87 1.565.01 2.098.79 2.234.31 2.391.41 2.525.56 2.661.74 2.799.69 2.938.61													
CHA 95.98 104.04 111.31 118.88 126.93 135.20 143.72 152.37 161.18 170.11 HIF 2 53.96 59.61 65.21 70.93 76.56 82.13 87.55 92.74 97.63 HIF 2 1.218.52 1.45.61 65.21 70.93 76.56 82.13 87.55 92.74 97.63 Total 1.218.52 1.405.87 1.565.01 2.098.79 2.234.31 2.331.41 2.525.56 2.661.74 2.799.69 2.938.61	ONG 3	47.10	4/.10	08.0/	402.00	4/3.60	07.006	07.000	02.005	200.20	07.00c		0.02
MIP 2 53.96 59.61 65.21 70.93 76.56 82.13 87.55 92.74 97.63 MIP 2 1,218.52 1.405.87 1.565.01 2,098.79 2,234.31 2,331.41 2,525.56 2,661.74 2,938.61 1	RACHA	95.98	104.04	11,31		126.93	135.20	143.72	152.37	161.18	170.11		6.9
HIP 2 TOTAL 1,218.52 [1,405.87],565.01 2,098.79 2,234.31 2,391.41 2,525.56 2,661.74 2,799.69 2,938.61 1	the second s		53.96	59.61	1.1	70.93	76.56	82.13	87.55	92.74	97.63		7.7
AL 1,218.52 1,405.87 1.565.01 2,098.79 2,234.31 2,531.41 2,525.56 2,661.74 2,799.69 2,938.61 10.	C 41576												
1.218.52 1.405.87 1.565.01 2.098.79 2.334.31 2.525.56 2.661.74 2.799.69 2.938.61													
1,218.52 1,405.87 1,565.01 2,098.79 2,234.31 2,391.41 2,525.56 2,661.74 2,799.69 2,938.61 10.													
1,218.52 [1,405.87]1,565.01 [2,098.79 [2,234.31 [2,321.41 [2,522.56 [2,001.74 [2,733.07 [2,733.01]			~~~~	1					1				
		1		1, 205.01	6/.860.2	2,234.31	Z, 391.41	00.020.2	5, 001. /4	40.441.2	2, 333.01		

ANNEX 3-13-9

ENERGY DEMAND BY SUBSTATION (C3)

GROWTH RATE (X/YEAR) 14.7 35.0 35.0 35.0 35.0 8 0 (UNIT: GWD) 282.27 299.84 281.01 89.11 45.68 0.73 3.93 195.50 235.09 72.09 1985 1,275.71 1,386.51 1,505.24 178.12 228.40 63.62 270.48 239.92 282.26 81.23 41.10 0.61 0.77 1984 246.02 236.73 276.27 62.00 38.55 0.38 0.38 1983 130.90 208.73 75.64 254.12 197.85 249.80 60.46 30.08 0.29 0.15 109.65 175.27 58.99 1,136,66 1982 . 1,082.78 104.54 177.02 58.84 247.81 188.58 188.58 225.83 52.92 27.00 0.26 1981 ACTUAL 1,022.61 98.69 167.55 52.22 229.87 157.18 237.25 50.39 29.30 0.16 1980 136.91 136.91 251.35 43.90 28.42 0.08 107.19 155.53 52.94 1979 972.73 165.41 102.24 195.62 28.12 34.15 0.04 100.56 136.36 45.60 1978 808.09 85.44 125.02 31.23 143.74 100.03 169.47 26.71 27.49 709,13 1977 118.89 93.53 155.36 23.34 16.64 54.86 117.07 28.53 1976 608.22 102.92 69.78 93.03 18.02 464.06 1975 47.34 106.36 26.62 2 SAMUTSAKHON I & SUPHAN BURI SUBSTATION BAN PONG 1 BAN PONG 2 KANCHANA BURI KAMPHAENG SAEN NAKHON CHAISI TOTAL. SRINAGARIND SAM PHRAN I KHAO LAEM THAMUANG

CROWTH RATE	(Z/YEAR)	, n	5.5	7.7	17.4		8.0	6.6	470-1-ma	9.1		12.6	15.7	7.6
		•	:											•
	1995	326.39	402.23	247.24	141.22		1,251.94	533.58		212.21		2.38	16.86	3,134.04
	1994	311.16	382.94	234.18	132.64		1,168.72	500.25		200.56		2.20	16.63	2,949.28
	1993	295.35	363.64	220.73	124.05		1,088.50	467.86		188.52		2.01	16.39	2,767.05
C.d	1992		344.45	_			1,011.46	436.51		176.24	:	I.83	16.16	078.91 2,243.15 2,413.12 2,588.29 2,767.05 2,949.28 3,134.04
FORECAST	1661	262.48	325.40	193.18	107.03	:	937,43	406.19		163.81		1.65	15.94	2,413,12
	1990	245.59	306.74	179.42	98.63		866.96	377.15	•	151.45		1.48	15.73	2,243.15
	1989	228.62	288.57	165.89	90.57	۰.	800.17	349.49		138.77		1.32	15.52	2,078.91
	1986	212.15	271.55	153.01	82.71		738.58	323.89		126.27		1.16	15.32	1,616.25 1,776.46 1,924.63 2,0
	1987	195.77	255.20	140.59	75.01		680.72	299.50		113.53		1.02	15.12	1,776.46
	1986	210.99	237.03	125.66	33.44		620.48	273.85		99.97		0.89	13.95	1,616.25
SUBETATION	MOTTUTEdDe	BAN PONG 1	BAN PONG 2	KANCHANA BURI	KANPHAENG SAEN	NAKHON CHAISI	SAM PHRAN 1	SAMUTSAKHON 1	SAMUTSAKHON 2	SUPHAN BURI	THAMUANG	SRINAGARIND	KHAO LAEM	TOTAL

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ANNEX

ENERGY DEMAND BY SUBSTATION (S1)

(UNIT: GWh)

CITD CTD ATTON	-					ACTUAL						CROWTH RATE
NOT TYT CODC	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	(%/YEAR)
CHA AM	79.63	85.68	92.91	80.15	85.39	80.67	85.44	87.99	102.39	100.23	110.08	6.4
CHUM PHON							28.31	51.48	61.17	68.11	76.88	28.4
PHETCHABURI	23.98	29.75	36.32	35.43	39.12	41.30	42.14	48.46	52.48	58.53	64.16	9.2
PRACHOAPKHIRI KHAN							15.50	26.86	31.80	35.81	41.03	27.5
PRAN BURI				26.44	39.79	48.91	42.87	35.91	39.49	41.53	47.18	(0.1)
RANONG	22.84	32.66	41.54	51.39	54.61	56.08	58.94	59.94	59.77	60.04	60.16	4.
RATCHABURI 1	53.15	59.14	60.99	57.63	94.08	70.70	66.84	73.61	67.90	68.12	55.02	(7. 9)
RATCHABURI 2								· · ·		6.35	26.61	
SAMUTSONGKHRAM			15.08	23.53	29.78	30.56	32.59	45.53	64.06	72.86	86.26	23.1
TOTAL	179.60	207.22	246.84	274.56	342.76	328.22	372.62	429.77	479.06	511.58	567.38	
							· · · · ·	•		· · ·		
						FORECAST						GROWTH RATE
SUBSTATION	1986	1987	1 1988	1 1989	1990	1661	1992	1993	7661	1995		(Z/YEAR)

				•		FORECAST		•	-	• 1	 GROWTH RATE
NOTIVISION	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	(Z/YEAR)
									-Junite -		
CHA AM	120.22	130.80	200.46	211.41	223 06	235.44	248.57	262.47	277.18	292.72	10,3
CHUM PHON	81.46	91.26	100.25	109.72	119.84	130.32	141 09	152.11	163.33	174.67	 8.6 6
PHETCHABURI	68.44	75.35	81.88	88.69	95.94	103.52	111.39	119.47	127 77	136.25	7.8
PRACHOAPKHIRI KHAN	45.98	52.15	57.88	63.80	69.93	76.22	82.58	88.92	95.17	101.23	5.6
PRAN BURI	51.12	57.83	62.57	68.27	74.23	80.74	87.46	94,55	101.76	109.04	8.7
RANONG	63.29	68.02	72.19	76.34	80.52	84,52	88.46	92.28	95.97	67.66	5.2
RATCHABURI 1	56.99	64.24	70.92	77.69	84.57	91.59	98.67	105.69	112.59	119.29	8.0
RATCHABURI 2	28.50	32.26	36.23	40.30	44.70	49.19	53.75	58.27	62.68	66.91	9.7
SAMUTSONGKHRAM	80.11	89.72	99.16	109.16	119.85	130.97	142.44	154.09	165.87	177.65	7.5
		-									
TOTAL	596.09	661.62	781.55	845.37	912.63	982.50	982.50 1.054.40 1.127.85	1,127.85	1,202.32	1,277.24	8.5
								1 - 12			

A 3-62

	. 1					ACTUAL						GROWTH RATE
SUBSTATION	1975	1976	1977	1978	1979	1980	1861	1982	1983	1984	1985	(X/YEAR)
CHIEW LAN						· · ·		. .		0.29	2.38	
KRABI	2.53	3.25	4.26	66- 7	6 70	69.6	12.20	14.42	16.50	20.51	23.82	19.7
KHANUM LAMPOORA	25.87	28.72	33.27	42.42	53.17	58, 77	60.56	1.02	5. 5 2. 5 2. 62	10.28	16.98 85.73	۵ ۲
NAKHON SI THAMMARAT	17.68	22.42	31.48	38.73	41.63	47.20	56.48	69.76	81.53	90.76	106.71	17.7
PHANGNGA	11.75	7.50	8.79	8.64	10.71	12.20	14.49	14.88	16.25	18.17	19.56	6.6
PRUKET 1 & 2	67.12	71.48	78.24	90.15	99.97	105.88	111.94	108.28	113.59	113.28	131.10	4.4
PHUNPHIN	1 17.67	31.07	45.86	56.24	67.88	80.10	92.43	97.36	109.97	117.01	128.24	9.9
TAKUA PA	7,32	6.27	6.75	8.16	9.36	9.72	9.80	11.98	14.91	15.93	18.83	14.1
THUNG SONG	14.56	17.91	22.35	23.56	28.63	30.73	33.94	36.22	39.13	48.46	47.28	0.6
TOTAL	164.50	188.60	230.99	272.89	318.03	354.30	391.84	417.88	471.05	513.74	580.61	10.4

7.4 6.89 56.63 52.19 52.19 231.97 43.11 231.97 43.11 231.97 43.11 267.22 40.61 104.82 1,181.59 1,117.18 6.38 52.88 48.36 48.36 155.25 218.03 40.61 40.61 207.15 251.83 38.27 38.27 38.27 98.41 1,052.24 5.88 49.16 44.71 147.20 38.08 38.08 38.08 35.94 35.94 91.98 987.25 5.42 45.48 45.48 41.21 138.75 190.33 35.55 190.28 190.28 221.01 33.64 85.58 4.97 41.87 37.88 37.88 176.65 33.02 33.02 33.02 31.35 79.24 922.42 4.54 38.37 34.73 34.73 34.73 163.23 163.23 173.28 173.28 190.66 73.06 858.57 4.14 35.01 31.77 31.77 31.77 112.12 150.15 28.11 154.90 175.97 26.84 67.06 796.08 3.75 31.88 31.88 29.05 29.05 137.74 137.74 137.74 156.46 162.06 24.76 24.76 24.76 24.76 24.76 24.76 736.42 3.33 28.92 26.52 95.00 125.79 147.12 147.12 148.67 23.55 23.55 23.55 23.55 23.55 23.55 23.55 23.55 23.55 23.55 23.55 23.55 23.55 23.55 25.61 25.55 25. 677.57 2.83 25.85 20.83 91.66 91.66 117.50 21.07 21.07 21.07 21.07 21.07 21.07 21.07 21.07 21.07 21.07 20.30 618.73 NAKHON SI THAMMARAT TOTAL έN PHUKET 1 & 2 PHUNPHIN TAKUA PA THUNG SONG KRABI KHANOM LAMPOORA CHIEW LAN PHANGNGA

(UNIT: GWh)

ENERGY DEMAND BY SUBSTATION (S3)

ANNEX 3-13-12

						ACTUAL						GROWTH RATE	
SUBSTALLON	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	(X/YEAR)	
BANG LANG							1.84	10.87	13.26	14.65	14.98	68.9	
HAT YAI I & 2	76.55	91.54	112.36	138.48	171.52	196.74	210.05	225.37	263.99	289.48	310.31	9.5	
NARATHIWAT	:		ł						37.27	48.98	58.98		
PHATTHALUNG	4.59	6.11	8.22	10.18	12.46	14.81	17.11	19.54	23.78	28.44	31.80	16.5	
SADAO							9.28	14.81	18.68	22.61	26.22	29.7	
SONG KHLA													
YALA		11.47	45.70	63.45	87.26	104.23	124.00	141.42	124.07	124.70	135.16	5.3	
PATTANI			-0					· · · · · · · · · · · · · · · · · · ·					
SATUN										 			
			(1		ć					
TOTAL	81.15	109.13	156.29	11.212	2/1.24	6/.012	97.200	412.01	401.04	92.22	04.//C	2°.7	•
					•		•						
									•		•		

NOTE TO THE						FORECAST					GROWTH RATE
SUBSTALLON	1986	1987	1988	1989	1990	1661	1992	1993	1994	1995	(Z/YEAR)
RANG L'ANC	15.39	16.46	27_19	17.89	18.58	19.23	19.82	20.33	20.77	21-12	un M
HAT YAI 1 & 2	260.70	235.22	254.92	276.01	299.04	323.53	349.49	376.81	405.62	435.91	
NARATHIWAT	65.31	73.86	81.31	88.73	96.10	103.50	110.91	118.20	125.32	132.17	80 14
PHATTBALUNG	35.12	40.18	44.47	48.90	53.54	58.27	63.05	67.82	72.57	77.27	6.9
SADAO	28.55	32.22	35.80	39.60	43.68	47.88	52.05	56.15	60.12	63.90	 6.3
NG KHLA	61.75	117.76	132.81	145.56	158.53	172.13	186.27	200.82	215.76	230.98	15.8
YALA	147.09	68.63	75.66	82.80	90.39	98.24	106.27	114.40	122.59	130.76	(0.3)
PATTANI		101.39	113.16	147.59	182.73	218.51	233.36	249.19	266.01	283.85	13.7
SATUN		37.29	41.23	45.39	49.80	54.32	58.89	63.39	67.76	71.91	00
TOTAL	633.90	723.00	796.54	892.47	992.40	1,095.60 1,180.10	1,180.10	1,267.11	1,356.50	1,447.87	9.6

(MM :TINU)

PEAK DEMAND BY SUBSTATION (N1)

ANNEX 3-14-1

SUBSTATION	1975	1976	1977	1978	1979	1980 1	1981	1982	1 1983	1 1984	1985	UKOWIH KATE
CHIANG MAI 1. 2 6 3	18.11	22.36	26.30	31.24	33.14	35.20	36.06	40-45	47.13	53-34	21-19	11_7
CHAIANG RAI					-		12.70	17.66	23.30	25 50	28.16	22.0
I ANPHON 1	3.40	6.19	8.96	10.26	11.20	00.6	9.52	9.86	9.87	10.42	10.26	2.7
LANPHON 2		· .				4.54	4.54	8,05	10.12	12.68	11 79	21.0
LANPANG 1 & 2	7.43	9.35	11.44	12.93	15.11	14.47	14.69	17.09	19.18	20.08	21.78	8.5
FANG									2		:	
MAE HONG SON				-	•		•					
MAE MHAO 2			0.03	0.04	0.05	0.05	0.06	0.25	0.61	0.76	0.84	74.4
MAE SARING												-
PHAYAO		5.13	7.92	06.6	10.26	14.26	15.40	16.8	10.48	12.62	14.24	0.0
THOEN	0.14	0.23	0.52	0.74	0.64	0.86	1.43	1.84	2.24	2.38	2.66	25.4
MAE NGAT			 									
CHUMTUNG	0000			20	U EG	02 0	U A C	0	0 V C	((((U	(1
	0	†	7 7 7	* • •	5	0.0	0. 0	0	v. o.	NC . 7	4°.	0.00
TOTAL	29.37	43.61	55.60	65.64	70.96	78.96	95.04	107.68	126.62	140.07	155.41	I4.5
	•					· .				•		
						10 V J A () A				-		CDATTINE DAME
SUBSTATION	1986	1987	1988	1989	1990	1661	1992	1993	1994	1995		1.5
										· -		
CHIANG MAI 1, 2 & 3	64.08	69.85	76.05	82.71	89 84	97.48	105.63	14.33	123.60	133.47		
RAL KAL		14°00	50.05	41-20		41.00	01-10	17.40	4 1 C 1	05.09		
~	21.60	11.99	19.31	23.44	29.20	20.75	1.5.64	51.71	56.27	60.21		10.6
ANG 1 &	23.00	25.28	26.98	28.66	30-39	32.10	33.80	35.44	37.03	38.56	2748 ⁻ 14-27	- 5 7
FANG							•			-		
					. 1	. 1						1
MAE NHAO 2	0.82	0.88	0.93	66.0	1.05	3.11	1.18	1.24	1.31	I.38		
MAE SAKING	(1 1	, ; ;					00 20	1000		0 . L . C . C		
PHAYAU	77.61	11.14	19.61	24-12	19.02	20°23	77.17	10.22	20.00	20.20		0 0 0
THOEN	2.94	95.6	3.75	4.12	4.50	4.88	5.25	5.62	5.98	6.33		(7.8)
MAE NGAT		1							 			- - - -
CHOMTONG		5.13	5.40	08.4	6.1 4	0.49	29.0	.1.1	14.1	1111		
NEA	4.90	5.50	5.50	2.60	5.60	5.70	5.70	5.80	5.80	5.90		2.7
											•	•

(NNI : INN)

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PEAK DEMAND BY SUBSTATION (N2)

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ANNEX 3-14-2

															• •											•	 _ * :
GROWTH RATE (Z/YEAR)	31.0	4. 2	13.1	16.4	12.4	20.8	0.2	14.3	15,9	· · · · · · · · · · · · · · · · · · ·	14.6		GROWTH RATE	(Z/YEAR)	14.8	7.6	8.4	8.0	2 9	4.8	4°.0	6.7	80 10	6.6	6.8		6.4
1985	0.66	10.61	24.96	19.12	27.48	1.06	13.94	10.14	16.57	1.73	128.67																
1984 1	0.55	11.23	22.64	16.72	24.24	16.0	12.41	9.19	15.02		112.91			1995	2.61	27.02	21.25	27.09	35.04	43.87	2.36	26.76	17.80	31.31	3.35		238.46
1983 1	0.44	7. 7	18.38	15.18	21.80	0.79	11.19	8.01	12.55		98.05			1994	2.33	25,56	19.86	26.22	33.61	42.07	2.19	25.45	17,09	29.65	3,21		227.25
1982	0.30	4.4.2	18.08	13.32	16.61	0.61	10,28	6.42	10.42		 87.74			1993	2.07	24.06	18.50	25.28	32.08	40.18	2.02	24.10	16.36	28.00	3.05		215.70
1981	0.27	10.0	15.28	10.62	17.29	0.53	16.15	5.96	8.93		81.64			1992	1.83	22 53	17.15	24.29	30.46	38.21	1.86	22.72	15.59	26.35	2.90		203_89
ACTUAL 1980 1	0.17		13.48	.8.94	15.31	0.41	13.77	5.19	16.7		65.18		FORECAST	1661	1.60	20.98	15.83	23.23	28.76	36.17	1.71	21.30	14.80	24.72	2.74		191.85
1 6/61	0.21		8.52	7.20	14.78	0.31	11.01	3.48	7.10		52.61			1990	1.40	19.43	14.54	22.13	27.00	34.09	1.58	19.87	14.00	23.11	2.57		179.72
1978	0.13		8.27	4.93	13.43	0.18	9.72	3.07	6.51		46.23			1989	1.21	17.88	13.31	20.99	25.19	32.00	1.45	18.45	13.19	21,55	2.40		167.60
1 2721	0.12		6.97	4.04	12.84		7.80	2.79	5.82		 40.37			1988	1.04	16.39	12.15	19.86	23.40	29.97	1.33	17.05	12.39	20.07	2.23		155.87
19761	0.10	- <u></u> -	5.25		12.90		5.35	2.26	4.79		30.64			1987	0.88	14.92	21.11	18.80	21.59	27.95	1.21	15.66	11.56	18.65	2.05		144.39
1975	0.07		3.86		10.16	,	4.10	1.89	3.86		23.94			1986	0.74	13.37		27.39	19.46	25.72	1.11	14.05	10.57	17.13	1.86		131.39
SUBSTATION	BHUMIBOL	KAMPHAENG PHET NAN	PHARE	PHICHIT	PHITSANULOK 1	SIRIKIT	SUKHO THAI	Tak	UTTARADIT	PHITSANULOK 2	TOTAL			SUBSTALION	BHUMIBOL	KAMPHAENG PHET	NAN	PHARE	PHICHIT	PHITSANULOK 1	SIRIKIT	SUKHO THAI	TAK	UTTARADIT	PHITSANULOK 2		

											:TINU)	(1934) :
						ACTUAL						GROWTH RATE
SUBSIAL LUN	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	(Z/YEAR)
		-									-	
LOP BURI 1 & 2	9-80	13.87	14.85	15.63	16.98	16.27	18.89	19.26	21.60	23.62	26.22	10.0
MANOROM	4.17	5.36	6.45	6.58	9.72	9.78	10.85	12.86	14.20	16.34	17.60	12.5
NAKHON SAWAN	11.06	12.54	15.82	18.06	19.80	21.96	22.36	25.00	27.16	29.88	32.32	8.0
PHETCHA, BUN			5.04	6.16	7.00	8.24	9.36	12.16	14.80	15.02	15.70	15.3
SINC BURI	4.95	5.24	7.30	8.62	8,98	8.92	10.00	12.22	12.74	13.68	14.36	10.0
TAKHLI 2	3.13	3.30	3.52	3.77	5.04	5.96	4.66	4 54	5.50	5.46	5.43	(1.8)
LOWSAK				· · ·			÷		 - -			
CHAI BADAN				<u></u>	:		-	 				
IVWOT		00.07	, s 10, s 10, s	00 01	6 J 6 J		יי ע ז	10 20	00 20	10, 00		Ċ
10101		22.22			****	07.1				22.12.1		1
				.				· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	The second se		

PEAK DEMAND BY SUBSTATION (N3)

<u>ANNEX 3-14-3</u>

110X3 * 403 Elis				ч		FORECAST					-	GROWTH RATE
NOT TWIEGOS	1986	1987	1988	1989	1 0661	1991.	1992	1993	1994	1995		(Z/YEAR)
-				-	-							
LOP BURI 1 & 2	28.90	31.13	29.02	30.48	31.99	33.50	34.98	36.43	37.85	39.24		4.1
MANOROM	18.34	21.14	22.55	23.96	25.41	26.85	28.25	29.60	30.91	32.16		6.2
NAKHON SAWAN	34.89	38.39	41.11	43.89	46.8I	49.75	52.69	55.60	58.46	61.25		6.6
PHETCHA BUN	18.56	20.52	11.90	12.72	13.62	14.51	15.37	16.20	17.00	17.75		1.2
SING BURI	14.51	15.59	16.45	17.50	18.57	19.62	20.65	21.65	22.61	23.53		5 1
TAKHLI 2	5.78	6.16	6.48	6.79	7.12	7.45	7.77	8.08	8.37	8.66		4.8
LOMSAK		0.00	7.00	7.58	8.22	8.87	9.51	10.14	10.75	11.35		7.2
CHAI BADAN		0.00	7.19	7.79	8.45	9.11	9.77	10.42	11.06	11.68		7.2
TOTAL	120.98	132.93	141.69	150.72	160.20	169.65	178.99	188.12	197.00	205.60		6.3

(UNIT: MW)

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PEAK DEMAND BY SUBSTATION (NE1)

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ANNEX 3-14-4

									4.	منبعم			للجنيبيم	-	tera po	F2482.200	-		••••••••••••		
GROWTH RATE (X/YEAR)	8.3 10.0	16.7	44.2 47.2	21.0	4.2	18.2	18.3 10.7	17.3		GROWTH RATE	(X/YEAK)	8.4 6.4	2.9	ວ ຕ	с, С,	2 C) 7 C) 7 C)	6,0	0 M	10.7	•	5.9
1985	13.44 33.40	14.19 5.88	13.18	15.76	10.54	4.02	0.07	169.37							- 1.						
1984	12.48 32.16	13.76	12.37	11.96	9.48	3.78	0.06 1.05	154.03			1995	30.04 62.07	27.14	11.48	2.38	16.49	18.83	75.79	9.81	 	299.89
1983	10.68 28.68	10.72	11.89	12.04	8.42	2.72	0.06	138.55			1994	28.37 59.21	25.48	10.97	2.18	16.22	18.04	73.35	9.05	1	287.20
1982	9.96 28.56	8.92 4.32	7.95	8.74	6.87	2.45	0.05	117.95			1993	26.66 56.28	23.84	17.21	1.98	15.82	17.22	70.62	8.31		273.88
1981	10.44 25.28	3.75	3.05 0.28	7.88	11.34	2.32 30.56	0.05	95.57			1992	24.92 53.29	22.24	9.88 16.63	1.79	15.28	16.37	67.64	7.58		260.06
ACTUAL 1980	9.04 20.70	3.53	0.24	6.07	8.58	1.74	0.03	76.19		FORECAST	1661	23.14 50.24	20.67	9.32 16.05	191	14.60	15.50	0.10 64.44	6.87		245.74
1979	7.80 19.64	3.49	0.22	6.80	6.85	2.13	0.48	71.30			1990	21.36 47.17	19.15	8.76	1.43	13.80	14.61	5.74 61.08	6.18 0.00		231.17
1978	6.84 18.58	3.26	0.17	5.68	6.79	2.22	0,42	64.91			1989	19.59	17.69	8.20	1.27	12.89	13.71	57.62	5.54		216.48
1977	5.46 14.48	3.22	0.18	4.38	5.72	1.41	0.23	55.71			1988	17.88	16.32	14.36	1.11 ; 1.11	14-71	12.84	54.20	4.93	2	202.19
1976	3.74 12.68	3.15	0.06	4.30	5.56	1.15	0.22	48.33			1987	16.21 38.24	15.03	1.14	0.96	10.88	11.98	50.77	4.36	2	188.02
1975	1.31	3.28	0.05	3.77	4.57	0.92	0.18	42.74			1986	14.42 35.06	13.67	0.26 13.24	0.82	10.92	11.03	16.91	0 02	5	172.13
SUBSTATION	CHUM FHAE KHON KAEN 1 & 2	LOEI NAKON PHANOM	NAM PHONG NAM PHUNG	NONG KHAI	FHANG KHUN SAKON NAKHON	THAT PHANOM	p/s	TOTAL			SUBSTATION	CHUM PHAE KHON KAEN 1 & 2	.	NAKON FHANOM NAM PHONG	NAM PHUNG	PHANG KHAI	SAKON NAKHON	UDON TEANUM	BUNG KAN CUITA BUADA DAG	NA KAE	TOTAL
								A 3-	68						·						

(UNI : LINO)

PEAK DEMAND BY SUBSTATION (NE2)

ANNEX 3-14-5

						ACTUAL						GROWTH RATE
NULLAU	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	(X/YEAR)
KALASTN			· · · ·						11.21	14.90	18.42	28.2
MAHA SARAKHAM	6.16	8.84	10.32	12.52	14.28	16.14	21.36	22.08	24.32	23.08	24.22	8.5
MUKDAHAN	0.89	0.96	1.06	1.39	1.96	2.60	2.94	3.75	4.60	4.92	5.43	15.8
ROIET												
SIRINDHON	0.04	0.17	0.23	0.97	1.23	1.78	1.94	2.08	2.28	2.79	2.42	
SISAKET			÷.		- 		6.57	8.40	11.80	14.88	17.16	27.1
SOMDET	0.45	0.71	0.97	1.30	1.69	2.61	4.59	5.40	5.37	5.19	5.80	17.3
UBON RATCHATHANI 1	10.70	13.04	14.84	16.95	19.80	20.58	22.78	18.68	22.76	24.30	28.28	6.6
VASOTHON	2.17	2.99	3.84	4.83	5.60	7.48	9.64	11.39	L5.70	16.90	19.16	20.7
TOTAL	20.41	26.71	31.26	37.97	44.55	51.19	69.82	71.78	98,04	107.46	120.88	18.7
					. :			• .	-			
CIID CWA WYON						FORECAST						GROWTH RATE
NOT INT CODE	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995		(%/YEAR)
VAT ACTN	0	00 71	7 7	10	10 00	23 66		20 20	27 20	-0		
NTCHTW	10.01	10.00			10.02		74.14	01.27	04•17	12.02		D
MAHA SAKAKHAM	74.40	18.04	19.91	21.86	23.88	22.90	28.25	30.65	33.11	35.65		3.6 5
MUKDAHAN	5.90	6.68	7.31	7.96	8.65	9.34	10.03	10.72	11.40	12.07		
ROIET	16.78	19.05	20.94	22.86	24.86	26.86	28.85	30.82	32.74	34.61		8.4
SIRINDHON	2.16	2.29	2.41	2.55	2.69	2.84	2.99	3.15	3.31	3.48		3.7
SISAKET	17.20	19.16	20.99	22.83	24.72	26.60	28.78	30.95	33.10	35.22		7.5
SOMDET	7.03	06.1	8.81	9.76	10.74	11.76	12.82	13.92	15.04	16.20		10.8
UBON RATCHATHANI 1	29.57	31.96	34.15	36.40	38.76	41.14	43.55	45.93	48.29	50.61		6.0
YASOTHON	18.71	18.35	20.21	22.10	24.04	25.98	27.89	29.74	31.55	33.47		5.7
TOTAL	140.17	139.50	152.29	165.48	179.14	192.95	207.31	221.65	235.93	250.27		7.5

(UNI : TINU)

PEAK DEMAND BY SUBSTATION (NE3)

ANNEX 3-14-6

GROWTH	1984 1985 (%/YEAR)	14.54 16.00 15	67.06	11.88	14.98		147.48 156.26 14	I GROWTH RATE	1995 (% X/YEAR)					22.14 3.5 29.87 6.0	240 10 5		
	1983	11.64				12.32	126.97		1994			- - 06		21.50 28.74	6 07 076	 ?	
•	1982	10.41	45.58	12.96	9*6 13 An	15.58	115.44		1993	31.56	23.02	19.09	16.86	20.84 27.53	71 026		
	1981	5 7 7	46.30	13.94	12.38	15.62	95.01		1992	29.51	21.82	72,90 18,26	16.52	20.12 26.25	278 43	•	
ACTUAL	1980		41.84	12.75	11.00	13.64	79.23	FORECAST	1991	27.43	20.60	91.40 17.41	16.13	19.34 24.91	017 07		
•	1979.		39.07	12.06	10.34	12.80	74.27		1990	25.35	19.36	00.07 16.52	15.71	18.52 23.53	205 85	2	
	1978		34.97	11.48	9.20	10.56	66.21		1989 -					17.67 22.13	16 21	۰. ا	
	1977		30.35	10.64	7.22	8.64	56.85		1988	21.30	16.91	14.59	14.77	16.85 20.75	187 85		
	1976		26.87	6,68	5.52	6.94	46.01		1987	19.35	15.71	13.60	14.25	16.02 19.33	171 45		
-	1975		23.35	5.64	4.30	5.58	38.87		1986	17.29	14.35	0/.04 12.48	13.56	15.07	158 08		
	SUBSTATION	BURI RAM	UANTIA FRUN NAKHON RATCHASIMA 1 & 2	PAK CHONG	PHON 5 T V V T II	SURIN	TOTAL		SUBSIALLUN	BURI RAM	ن م	PAKHON KAICHASIMA I & 2 PAK CHONG	PHON	SIKHIU SURIN	1 TOTA		

SUBSTATION 1975 1976 1977 1978 1979 1978 1979 1978 1979 1976 1977 1976 1977 1976 1977 1976 1977 1976 1977 1976 1977 1976 1977 1976 1977 1976 1977 1976 1977 1976 1973 1983 1983 1983 1983 1983 1983 1983 1983 1983 1983 1983 1983 1983 1975 1983 1973 1983 1973 1983 1973 1983 1973 1983 1973 1983 1973 1983 1973 1983 1973 1983 1973 1983 1973 1983 1973 1983 1973 1983 1973 1983 1973 1973 1973 1973 1973 1973 1973 1973 1973 1973 1973 1973 1973 1973 1973 1973 1973 1973 1973	SUBSTATTON 1975 1976 1977 1976 1977 1976 1970 1980 1991 1980 1991 1980 1991 1980 1991 11.00 <th></th> <th></th> <th></th> <th></th> <th>PEAK I</th> <th>DEMAND BY</th> <th>DEMAND BY SUBSTATION</th> <th>([])</th> <th></th> <th></th> <th></th> <th>•</th> <th></th>					PEAK I	DEMAND BY	DEMAND BY SUBSTATION	([])				•	
SUBSERTICION 1975 1976 1977 1976 1977 1976 1977 1976 1977 1976 1977 1976 1977 1976 1977 1976 1977 1960 1840 1840 1441 1955 1964 441 1955 1964 441 1955 1964 1445 1123 1243 1253	SUBSTATTON 1975 1976 1977 1976 1979 1970 1960 1961 1962 1963 1 THONG 1 3.21 6.00 8.46 9.72 10.66 11.76 10.76 11.00												INU)	T: MW)
Montanta 1975 1976 1977 1978 1977 1976 1977 1976 1972 1964 1973 1964 1973 1964 1973 1964 1973 1964 1973 1964 1973 1964 11.34 10.46 11.24 11.26 11.26 11.26 11.26 11.26 11.26 11.26 11.26 11.26 11.26 12.36 21.36	THONG 1975 1976 1977 1976 1977 1976 1977 1976 1973 1980 1982 1982 1983 1 THONG 3.21 6.00 8.46 9.10 10.01 11.27 10.96 11.76 10.78 11.00 11.88 6 TALA 5.36 6.56 7.84 10.58 10.46 11.23 11.54 12.06 13.44 14.00 13.8 TALA 5.36 5.56 7.84 10.58 10.46 11.76 10.76 13.84 44 14.00 TAL 5.36 5.245 12.61 13.97 15.62 14.62 25.18 25.23 25.23 22.23 22.23 22.23 22.23 22.23 22.23 22.23 22.23 22.23 22.23 22.23 22.23 22.23 22.23 22.23 22.23 22.23 22.24 25.24 15.66 14.60 35.96 14.72 14.160 32.70 22.128 </th <th>CHRCTATION</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>ACTUAL</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>CROWTH RAT</th>	CHRCTATION						ACTUAL						CROWTH RAT
THONGE I 3.21 6.00 8.46 9.72 10.66 11.76 10.76 11.77 10.76 11.77 10.76 11.27 10.26 11.34 1.47 11.20 11.34 1.47 12.06 11.34 THAMA I 5.36 6.55 9.22 9.83 10.16 11.23 11.26 15.60 13.34 15.06 13.34 12.06 13.34 12.06 13.34 14.58 12.36 13.56 13.56 13.53 13.56 13.53 13.56 13.53 13.56 13.53 13.56 13.55 13.56 13.56 13.56 13.56 13.56 13.56 13.56 11.76 13.56 <th>THONG I 3.21 6.00 8.46 9.72 10.66 11.75 10.78 11.60 11.67 14.07 12 TATAL A 5.86 9.10 10.01 11.27 10.96 11.27 10.96 14.47 14.07 12 MAT 5.36 9.10 10.01 11.27 10.96 11.23 11.56 14.26 14.46 14.66 14.78 14.92 15.20 14.22 15.20 14.28 15.20 14.28 13.20 14.46 16.66 17.48 14.28 15.20 14.22 13.20 14.46 16.66 17.48 18.24 14.28 13.20 14.28 13.20 14.28 13.20 14.28 13.20 14.28 13.20 14.28 13.20 14.26 13.26 14.26 14.28 13.26 14.26 14.26 14.26 15.26 14.28 13.26 14.26 14.26 14.26 14.26 14.26 14.26 14.26 14.26 14.26 14.26</th> <th>MAT 141 Sauce</th> <th>1975</th> <th>1976</th> <th>1977</th> <th>1978</th> <th>1979</th> <th>1980</th> <th>1961</th> <th>1982</th> <th>1983</th> <th>1984</th> <th>1985</th> <th>(X/YEAR)</th>	THONG I 3.21 6.00 8.46 9.72 10.66 11.75 10.78 11.60 11.67 14.07 12 TATAL A 5.86 9.10 10.01 11.27 10.96 11.27 10.96 14.47 14.07 12 MAT 5.36 9.10 10.01 11.27 10.96 11.23 11.56 14.26 14.46 14.66 14.78 14.92 15.20 14.22 15.20 14.28 15.20 14.28 13.20 14.46 16.66 17.48 14.28 15.20 14.22 13.20 14.46 16.66 17.48 18.24 14.28 13.20 14.28 13.20 14.28 13.20 14.28 13.20 14.28 13.20 14.28 13.20 14.26 13.26 14.26 14.28 13.26 14.26 14.26 14.26 15.26 14.28 13.26 14.26 14.26 14.26 14.26 14.26 14.26 14.26 14.26 14.26 14.26	MAT 141 Sauce	1975	1976	1977	1978	1979	1980	1961	1982	1983	1984	1985	(X/YEAR)
5.80 8.15 9.10 10.01 11.27 10.90 10.06 12.45 12.06 12.35 12.96 11.37 9.56 7.84 10.56 14.78 14.32 13.20 14.56 17.48 18.55 17.35 9.56 12.45 12.46 14.78 14.32 13.57 14.56 14.78 14.32 13.56 17.48 18.55 17.55 17.01 12.45 12.46 14.78 14.32 13.57 14.66 17.48 18.55 17.56 17.02 12.45 12.46 14.78 14.32 13.57 14.66 17.48 18.55 17.56 17.01 12.06 12.45 15.64 35.90 14.02 15.64 35.74 17.02 12.45 15.64 35.74 15.96 14.60 15.64 35.74 17.03 12.51 27.28 27.28 27.28 27.28 27.28 27.28 15.64 15.64 15.64 15.64	5.80 8.15 9.10 10.01 11.27 10.90 10.08 12.44 16.00 113 4.69 5.65 9.22 9.10 10.01 11.27 10.90 10.08 12.44 16.00 13 4.69 5.65 9.22 14.56 14.78 14.52 13.20 14.46 15.20 12.44 16.50 13 17.08 50.50 22.80 24.58 13.50 14.46 15.53 15.36 17.48 15 17.08 20.50 22.80 23.28 23.28 5.54 15.56 14.62 15.58 17.08 20.50 10.74 1.55 3.28 5.74 16.43 15.56 14.62 15 17.24 1.55 21.96 20.53 3.2.88 25.35 14.47 16.43 15.56 14.60 35.90 14 27 17.22 13.22 21.96 20.53 3.2.28 3.2.28 3.2.32 3.2.39 24.2.3	THONG	3.21	6.00	8.46	9.72	10.86	11.76	10.78	11-00	11.88	6.40	4 41	(17.8)
5-80 6.15 9.10 10.01 11.27 10.90 10.06 12.44 16.60 18.10 21.30 5.36 5.56 9.22 9.83 10.16 11.23 11.54 12.66 14.18 15.57 15.60 18.10 21.30 17.08 12.56 12.45 14.55 11.52 11.56 12.66 14.75 15.66 17.48 15.56 17.48 15.56	5.30 8.15 9.10 10.01 11.27 10.90 10.08 12.44 16.80 9.5.6 5.5.6 9.5.6 7.84 10.58 10.16 11.23 11.54 12.06 13.44 16.80 9.66 12.46 14.53 13.52 16.38 13.62 20.16 12.21 12.26 12.46 14.53 13.20 14.43 15.52 16.43 15.66 17.48 16.80 112.01 12.24 13.53 14.60 35.90 35.90 35.90 35.90 112.4 1.55 2.34 3.05 3.2.12 30.43 35.90 14.02 35.90 112.4 1.55 1.7.78 21.96 23.22 30.55 14.00 35.90 21.28 19.22 10.713 122.54 126.30 14.72 189.16 21.71 271.95 2 10.4 136.5 14.72 189.16 14.72 189.16 21.71 271.95 2	ANG THONG 2								1.87	14.07	12.06	11.94	85.5
5-36 5-36 7.84 10.16 11.23 11.56 12.06 38.44 41.28 12.52 25.75 12.21 12.45 14.93 14.43 14.43 14.43 14.43 14.43 14.52 15.62 16.52 27.28 25.72 26.53 12.21 12.43 14.43 14.43 14.43 14.43 14.52 21.58 15.53 21.66 27.28 25.72 17.50 27.72 25.66 17.46 17.55 15.72 15.72 15.72 15.72 15.72 15.72 15.72 15.72 15.72 15.72 15.63 15.63 15.63 15.63 15.63 15.72 15.63 15.72 15.63 15.72 15.72 15.72	5.36 6.56 9.22 9.83 10.16 11.23 11.54 12.06 38.44 4.65 7.84 10.58 10.46 14.78 13.97 13.97 16.40 39.43 41.86 17.48 12.21 12.281 14.93 14.54 13.97 16.40 39.43 41.86 17.48 17.08 20.50 22.80 23.28 21.96 20.88 22.72 23.88 25.74 17.08 1.24 1.55 20.58 8.48 12.56 14.02 15.56 14.02 1.24 1.55 23.28 3.05 35.26 35.26 35.90 35.90 1.24 1.55 107.13 122.54 126.30 144.72 189.16 21.171 271.95 2 80.43 92.90 107.13 122.54 126.30 144.72 189.16 21.171 271.95 2 1.124 1366 1997 126.30 144.72 189.16 211.71	AYUTTHATA 1	5.80	8.15	9.10	10.01	11.27	I0.90	10.08	12.44	16.80	18.10	21.30	14.3
5-56 5-56 7-82 10.16 11.23 11.24 12.06 14.58 16.52 17.50 17.08 12.66 12.46 14.56 14.56 14.56 15.63 15.63 15.64 15.56 15.56 17.48 55.56 55.56 55.56 55.57 25.66 55.56 55.57 25.36 55.56 55.56 55.56 55.56 55.56 55.36<	4.69 5.56 7.84 10.56 11.23 11.54 12.06 14.72 17.08 12.46 14.93 14.54 10.56 14.52 15.56 14.86 17.48 17.08 12.56 14.54 14.55 14.54 15.56 14.88 25.72 17.08 20.50 22.80 23.78 5.18 22.72 23.188 25.72 17.18 1.54 1.55 14.40 35.96 3.74 15.56 14.02 1.24 1.55 2.34 3.05 3.28 5.74 15.56 14.05 21.28 19.22 17.78 21.96 23.22 30.516 41.60 35.90 21.28 19.27 122.54 126.30 144.72 189.16 211.71 271.95 2 80.43 92.90 107.13 122.54 126.30 144.72 189.16 211.71 271.95 2 1.17.71 122.54 126.30 144.72 189.16	BAN MAI		· ·					-		38.44	41.58	128.87	49.7
4.66 5.66 7.84 10.58 10.68 15.62 16.63 7.48 18.65 7.48 15.57 25.64 17.21 12.51 14.56 14.57 13.97 15.60 94.45 57.72 25.64 17.21 12.51 14.56 13.97 15.60 94.45 41.88 50.72 21.64 55.31 55.31 17.06 20.50 22.80 23.28 5.14 15.46 15.53 15.64 55.34 17.06 20.50 22.80 23.28 5.14 15.53 15.23 15.23 15.64 15.53 15.64 15.54 17.06 20.50 21.96 23.22 30.52 35.16 41.60 35.90 14.20 5.64 17.15 21.96 23.22 30.52 35.16 11.06 35.90 14.20 5.64 17.16 21.21 27.48 25.61 199.7 199.9 14.20 5.64 5.64 5.64 5.64	4.69 5.66 7.84 10.56 14,78 14,52 15,20 16,46 17,46 16,46 17,48 14,56 17,18 14,56 17,18 14,56 17,18 14,56 17,18 15,59 15,59 15,59 15,56 14,40 15,56 14,40 15,56 14,46 16,46 32,72 23,38 22,32 23,23 31,55 14,40 15,55 14,40 15,55 14,40 15,55 14,40 15,55 14,40 15,55 14,40 35,39 15,39 15,55 14,40 35,36 32,32 32,34 15,55 14,40 35,56 14,40 35,56 14,40 35,56 14,40 35,56 14,40 35,56 14,40 35,56 14,40 35,56 14,40 35,56 14,40 35,56 14,40 35,56 14,40 35,56 14,40 35,56 14,40 35,56 14,40 35,56 14,40 35,56 14,40 35,56 14,40 35,56 14,40 35	BANG PA IN	5.36	6.56	9.22	9.83	10.16	11.23	11.54	12.06	14.28	16.52	17.50	e. 9
1 9.56 12.45 14.56 14.78 14.32 13.20 14.46 16.66 17.48 15.54 19.46 15.54 19.46 15.54 19.46 15.54 19.46 15.54 <th15.56< th=""> 15.54 15.54</th15.56<>	1 9.56 12.45 14.93 14.32 13.20 14.46 16.66 17.48 50.74 14.93 50.74 14.93 50.74 14.98 50.72 21.88 20.78 20.78 17.48 50.72 21.88 20.72 21.88 20.72 21.88 20.72 21.88 20.72 21.88 20.72 21.88 20.72 21.88 20.72 21.88 20.72 21.88 20.72 21.88 20.72 21.88 20.72 21.88 20.72 21.88 20.72 21.88 20.72 21.88 20.72 21.88 20.72 21.93 15.56 14.02 20.12 21.1.01 20.12 21.1.05 21.1.02 20.12 21.1.02 21.1.02 20.12 21.1.02 20.11 20.11.05 20.11.05 20.11.05 20.11.05 20.11.05 20.11.05 20.11.05 20.11.05 20.11.05 20.11.05 20.11.05 20.11.05 20.11.05 20.11.05 20.11.05 20.11.05 20.11.71 20.11.95 20.105<	PRACHIN BURI	4.69	5.66	7.84	10.58	10.68	15.62	16.38	18.62	20.16	25.72	26.84	11.4
MARH 2 12.21 12.61 14.93 14.54 13.97 16.40 39.43 41.68 50.72 51.68 55.32 ANN ICON 17.08 20.50 22.80 23.28 5.36 23.28 23.28 21.72 21.28 21.72 21.28 21.72 21.24 15.56 14.02 15.54 15.54 15.54 15.54 15.54 15.56 15.54 15.56 14.02 15.54 15.54 15.54 15.54 15.56 14.02	JULIC 1 11.21 12.1 12.1 12.1 14.93 14.54 13.97 16.40 39.43 41.68 50.72 AN 1.24 1.55 22.80 23.28 21.96 20.88 22.72 23.88 50.72 AN 1.24 1.55 2.34 3.05 3.28 5.74 16.43 15.56 14.02 AN 1.24 1.55 2.34 3.05 3.28 5.74 16.43 15.56 14.02 AN 21.28 19.22 17.78 21.96 23.22 30.52 35.16 41.60 35.90 TOTAL 80.43 92.90 107.13 122.54 126.30 144.72 189.16 211.71 271.95 2 SUBSTATION 1986 1987 1989 107.13 122.54 126.30 144.72 189.16 211.71 271.95 2 SUBSTATION 1986 197.1 271.95 2 2 2 2 2		9.56	12.45	14.66	14.78	14.32	13.20	14.46	16.86	17.48	18.54	19-46	 8
JULICIA 17.06 20.50 22.80 23.78 23.72 23.368 23.72 23.368 15.37 15.35 15.36 15.35 <th1.35< th=""> 15.35 15.35 <</th1.35<>	JULET 3 17.08 20.50 23.28 21.96 20.88 22.72 23.88 22.32 JULET 4 1.24 1.55 2.34 4.78 6.58 8.48 15.93 15.93 15.93 15.93 15.06 35.90 35.16 41.60 35.90 35.90 35.91 40.05 35.91 40.05 35.90 35.90 35.90 35.91 40.05 35.90 35.90 35.90 35.90 35.90 35.90 35.90 35.90 35.90 35.90 35.91 41.60 35.90 35.90 35.91 36.05 35.90 35.90 35.90 35.91 30.92 35.90		12.21	12.81	14.93	14.54	13.97	16.40	39.43	41.83	50.72	51.68	55.24	27.5
ANULI 4. 1.24 1.55 2.34 4.78 6.58 8.48 12.18 15.93 15.88 16.35 16.93 ANAKHON 21.28 19.22 17.78 21.96 23.22 30.52 35.16 41.60 35.90 14.20 6.00 ANA NAKHON 21.28 19.22 17.78 21.96 23.22 30.52 35.16 41.60 35.90 14.20 6.00 TOTAL 80.43 92.90 107.13 122.54 126.30 144.72 189.16 211.71 271.95 259.19 346.05 SUBSTATION 1966 1987 1988 1989 1990 1991 1992 1994 1995 7.51 THONG 1 4.84 5.08 5.34 5.61 5.69 6.18 6.49 6.81 7.15 271.95 259.19 346.05 THONG 2 12.47 19.18 20.26 17.27 180.66 191.57 20.94 215.19 228.37 21.64 1995 40.89 43.13 MAI THONG 2 12.47 19.18 20.28 21.98 16.05 191.57 202.94 215.19 228.37 22.54 MAI THONG 2 12.47 19.18 20.28 21.93 19.64 190.56 191.57 202.94 215.19 228.37 22.54 MAI THONG 2 12.42 22.82 24.00 25.19 26.43 27.65 28.66 00.03 31.16 32.25 AUNI 1 20.43 190.27 180.66 191.57 202.94 215.19 228.37 22.54 AUNI 1 21.47 19.18 20.28 21.93 10.27 19.64 32.25 AUNI 1 21.47 19.18 20.28 21.93 25.76 24.99 26.23 25.44 35.34 AUNI 1 21.57 19.18 20.28 21.93 25.76 24.99 26.23 25.54 25.37 22.55 AUNI 1 21.57 19.18 20.28 21.93 10.27 20.94 215.19 228.37 22.54 AUNI 1 21.57 19.18 20.28 21.93 10.27 20.294 215.19 228.37 22.54 25.34 25.	BURLI 4 1.24 1.55 2.34 4.78 6.58 8.48 12.18 15.93 15.88 AN 1.24 1.55 2.34 3.05 3.228 5.74 16.43 15.56 14.02 TANA NAKHON 21.28 19.22 17.78 21.96 23.22 30.52 35.16 41.60 35.90 TOTAL 80.43 92.90 107.13 122.54 126.30 144.72 189.16 211.71 271.95 2 TOTAL 80.43 92.90 107.13 122.54 126.30 144.72 189.16 211.71 271.95 2 SUBSTATION 1986 1987 1988 1989 1990 1991 292.90 35.90 ALM 13.72 18.47 18.47 1992 1994 7.15 THATA 133.72 134.86 5.34 5.06 5.16 20.36 28.37 2 AMI 133.72 318.47 1992 1992 <		17.08	20.50	22.80	23.28	21.96	20.88	22.72	23.88	22.32	22.20	21.72	0.8
AM 1.24 1.55 2.34 3.05 3.28 5.74 16.43 15.56 14.02 15.84 15.90 14.4.72 6.00 14.20 6.00 TOTAL 80.43 92.99 1997 1992 1992 14.72 14.72 14.72 14.72 14.72 14.72 14.72 14.72 14.72 14.72 14.72	AN HANA MACHON 1.24 1.55 2.34 3.05 3.28 5.74 16.43 15.56 14.02 FRANA NAKHON 21.28 19.22 17.78 21.96 23.22 30.52 35.16 41.60 35.90 TOTAL 80.43 92.90 107.13 122.54 126.30 144.72 189.16 211.71 271.95 2 SUBSTATION 1986 1987 1988 1999 1990 1991 1992 1994 7.15 SUBSTATION 1986 1987 1988 1989 1990 1991 1992 1993 1994 SUBSTATION 1986 1987 1988 1989 1970 144.72 189.16 211.71 271.95 2 SUBSTATION 1986 1987 1988 1989 1990 1991 1992 1994 SUBSTATION 126.54 5.61 5.61 5.61 7.12 201.71 271.95 2 2 2 2					4.78	6.58	8.48	12,18	15.93	15.88	16.35	16.93	14.8
TANIA MAKHON 21.28 19.22 17.78 21.96 23.22 30.52 35.16 41.60 35.90 14.20 6.00 TOTAL 80.43 92.90 107.13 122.54 126.30 144.72 189.16 211.71 271.95 259.19 346.05 SUBSTATION 1986 1987 1990 1990 1991 1992 1993 1995 346.05 SUBSTATION 1986 1987 1990 1990 1991 1992 1993 1995 346.05 SUBSTATION 1986 1987 1990 1991 1992 1993 1995 1995 346.05 SUBSTATION 1986 1987 1990 1991 712 271.95 259.19 346.05 SUBSTATION 1986 1987 1996 1992 1992 1995 1995 1995 SUBSTATION 1986 1972 1991 1992 1992 1995 1995 751 SUBS	THANA NAKHON 21.28 19.22 17.78 21.96 23.22 30.52 35.16 41.60 35.90 1 TOTAL 80.43 92.90 107.13 122.54 126.30 144.72 189.16 211.71 271.95 25 SUBSTATION 1986 1987 1989 1990 1991 1992 1993 1994 26 SUBSTATION 1986 1987 1988 1989 1990 1991 1992 1993 1994 271.95 25 SUBSTATION 1986 1987 1988 16.05 17.27 189.16 211.71 271.95 25 SUBSTATION 1986 1987 1988 16.05 17.27 189.26 20.71 218.4 20.71 218.4 215.195 228.45 228.65 228.63 24.09 26.63 228.63 24.04 26.71 228.63 228.63 228.63 228.63 228.63 228.63 228.64 20.77 218.4 21.16<	THALAN	1.24	1.55	2.34	3.05	3.28	5.74	16.43	15.56	14.02	15.84	15.84	22.5
TOTAL 21.28 19.22 17.78 21.96 23.22 30.52 35.16 41.60 35.90 14.20 6.00 TOTAL 80.43 92.90 107.13 122.54 126.30 144.72 189.16 211.71 271.95 259.19 346.05 SUBSTATION 1986 1987 1989 1990 1991 1992 1993 1995 1995 THONG 1 4.84 5.08 5.34 5.61 5.69 6.18 6.49 6.81 7.15 7.51 THONG 1 4.84 5.08 5.34 5.61 5.69 6.18 6.49 6.81 7.15 7.51 THANE 1 12.47 13.72 14.027 18.67 19.56 40.89 43.13 ANT 17.97 14.84 5.61 5.89 56.18 57.51 242.54 242.54 ANT 17.57 13.290 35.25 23.66 10.25 24.29 24.25 24.25 24.25	Z1.28 19.22 17.78 21.96 23.22 30.52 35.16 41.60 35.90 1 TOTAL 80.43 92.90 107.13 122.54 126.30 144.72 189.16 211.71 271.95 25 SUBSTATION 1986 1987 1989 1990 144.72 189.16 211.71 271.95 25 SUBSTATION 1986 1987 1989 1990 1991 1992 1993 1994 SUBSTATION 1986 1387 1989 1990 1991 1992 1993 1994 SUBSTATION 1986 1387 1989 1990 1991 1992 1994 211.71 271.95 25 SUBSTATION 12.47 13.72 14.88 16.05 17.27 189.16 211.71 271.95 25 THONG 2 12.47 13.72 18.47 1992 1994 215.195 28.74 22.84 20.77 21.84 21.15 21.8	WATTHANA NAKHON												
AL 80.43 92.90 107.13 122.54 126.30 144.72 189.16 211.71 271.95 259.19 346.05 MTION 1986 1987 1989 1990 144.72 189.16 211.71 271.95 259.19 346.05 MTION 1986 1987 1990 1991 1992 1993 1994 1995 1 4.84 5.08 5.34 5.61 5.89 6.18 6.49 6.81 7.15 7.51 1 4.84 5.08 5.34 5.61 5.89 6.18 6.49 6.81 7.15 7.51 1 13.72 14.88 160.44 170.27 18.47 19.64 20.77 24.93 24.313 1 132.54 55.13 20.25.05 31.57 33.26 24.33 24.54 24.54 1 138.7 19.64 20.77 24.99 26.53 23.65 23.25 24.254 22.54 22.54	ATION 1986 197.13 122.54 126.30 144.72 189.16 211.71 271.95 259.1 ATION 1986 1987 1988 1999 1991 1992 1993 1994 199 1 4.84 5.08 5.34 5.61 5.89 6.18 6.49 6.81 7.15 7.5 2 11.71 27.13 1950 17.27 1847 1952 1994 199 1 4.84 5.08 5.34 5.61 5.89 6.18 6.49 6.81 7.15 7.5 2 12.47 13.72 180.65 31.57 33.90 36.25 23.748 35.33 1 17.97 19.18 20.26 23.376 24.99 26.23 24.74 35.33 0.48 31.57 33.60 31.67 24.39 26.23 27.48 28.77 1 138.54 15.123 22.43 26.23 28.376 24.99	MEA	21.28	ົດ	17.78	21.96	ŝ	30.52	~	41.60	35.90	14.20	6.00	(27.8)
NTION 1986 1987 1988 1990 FORECAST 1 4.84 5.08 5.34 5.61 5.89 1990 1991 1992 1993 1995 2 12.47 13.72 14.84 5.61 5.89 6.18 6.49 6.81 7.15 7.51 1 4.84 5.08 5.34 5.61 5.89 6.18 6.49 6.81 7.15 7.51 1 12.47 13.72 14.84 16.05 17.27 18.47 1993 40.89 43.13 1 22.45 23.70 33.90 31.67 228.53 28.73 24.54 28.73 0.48 15.79 180.66 191.57 202.94 20.76 24.54 28.73 0.48 20.26 21.38 22.55 23.76 24.25 28.73 0.48 20.20 26.43 20.22 24.99 26.23 28.73 24.25 28.73 1	MITON 1986 1987 1988 1989 1990 1991 1992 1993 1994 2 2 12.47 13.72 14.88 5.61 5.89 6.18 6.49 6.81 7.15 2 12.47 13.72 14.88 16.05 17.27 33.90 36.53 7.15 1 4.84 5.08 5.34 5.61 5.89 6.18 6.49 6.81 7.15 1 12.47 13.72 14.88 16.05 17.27 33.90 36.55 38.59 40.89 1 22.85 27.13 29.29 31.57 32.56 22.55 23.76 24.99 26.23 27.48 17.97 19.18 20.26 21.31 22.55 23.76 24.99 26.23 27.48 011 21.42 22.13 20.54 20.54 21.519 228.37 21.42 22.43 20.61 31.67 24.99 26.22 23.42	TOTAL	80.43	92.90	107.13	122.54	126.30	144.72		211.71	271.95		346.05	19.0
MITON 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1 4,84 5.08 5.34 5.61 5.89 6.18 6.49 6.81 7.15 7.51 2 12.47 1372 14.65 17.72 18.47 19.64 20.77 21.84 22.82 1 12.47 151.23 16.05 17.727 18.47 19.64 20.77 21.84 22.82 1 138.54 151.23 160.44 170.27 18.67 26.25 38.59 43.13 1 138.54 151.23 160.44 170.27 18.67 21.59 27.48 22.82 1 138.67 19.165 21.57 202.94 215.19 22.28.27 242.54 21.42 22.182 27.48 35.36 34.24 35.34 30.48 34.90 27.18 28.25 28.64 36.27 32.42 21.42	ATION 1986 1987 1989 1990 1991 1992 1993 1994 2 1 4.84 5.08 5.34 5.61 5.89 6.18 6.49 6.81 7.15 2 12.47 13.72 14.88 16.05 17.27 18.47 19.64 20.77 21.84 1 12.47 13.72 14.88 16.05 17.27 18.47 19.64 20.77 21.84 1 138.54 151.23 160.44 170.27 18.47 19.64 20.77 21.84 138.54 151.23 160.44 170.27 18.47 19.64 20.77 21.84 17.97 19.18 20.26 21.38 22.55 23.76 24.99 26.23 27.48 17.57 19.16 191.57 202.94 216.19 28.337 27.48 17 21.42 22.55 23.76 24.99 26.23 27.48 24.24 21.42										-			
ATION 1986 1987 1989 1990 1991 1992 1993 1994 1995 17.27 1847 19.64 20.77 21.84 21.84 21.83 22.82 23.95 242.54 242.54 242.54 242.54 242.54 242.54 242.54 242.54 242.54 242.54 242.54 242.54 242.54 242.54 242.54 242.54 242.54	ATION 1986 1987 1988 1989 1990 1991 1992 1993 1994 2 12.47 13.72 14.88 5.61 5.89 6.18 6.49 6.81 7.15 2 12.47 13.72 14.88 16.05 17.27 18.47 1952 1993 1994 1 12.47 13.72 14.88 16.05 17.27 18.47 1952 1993 7.15 1 12.47 13.72 14.88 16.05 17.27 33.90 36.25 33.59 40.89 12.47 13.72 14.88 16.05 17.27 33.90 36.25 33.59 40.89 17.97 19.16 20.26 21.38 22.55 23.76 24.99 26.23 27.48 17.97 19.16 20.21 29.99 91.55 23.76 24.99 26.23 27.48 21.42 22.49 26.43 20.61 31.87 30.03 <td< td=""><td></td><td></td><td></td><td></td><td>•</td><td>•</td><td></td><td>• •</td><td></td><td>• •</td><td>· . · .</td><td></td><td></td></td<>					•	•		• •		• •	· . · .		
1 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 2 1 4.84 5.08 5.61 5.89 6.18 6.49 6.81 7.15 7.51 2 12.47 13.72 14.88 16.05 17.27 18.47 19.64 20.77 21.84 22.82 1 12.47 13.72 18.47 19.64 20.77 21.84 22.82 1 138.54 151.23 160.44 170.27 18.65 191.57 202.94 21.63 22.82.37 22.82.37 22.82.73 1 138.54 151.23 160.44 170.27 180.66 191.57 202.94 21.31 22.54 22.54 1 138.67 34.90 27.18 28.25 28.73 24.254 32.34 1 21.42 22.83 56.43 20.23 26.43 32.25 24.43 32.255 1 21.45	1986 1987 1988 1989 1990 1991 1992 1993 1994 2 12.47 13.72 14.88 5.61 5.69 6.18 6.49 6.81 7.15 2 12.47 13.72 14.88 16.05 17.27 18.47 19.64 20.77 21.84 1 12.47 13.72 14.88 16.05 17.27 18.47 19.64 20.77 21.84 1 12.47 13.72 14.88 16.05 17.27 33.90 36.25 38.59 40.89 1 12.47 19.16 20.26 21.38 22.55 23.76 24.99 26.23 27.48 17.97 19.18 20.26 21.38 22.55 23.765 24.99 26.23 27.48 21.42 23.48 30.61 31.87 33.08 34.24 21.42 22.49 26.43 20.61 31.87 33.08 34.24 21.42	otto cm A m T ONI						FORECAST						GROWTH RATE
1 4.84 5.08 5.34 5.61 5.69 6.18 6.49 6.81 7.15 7.51 1 12.47 13.72 14.88 16.05 17.27 18.47 19.64 20.77 21.84 2.5.82 1 12.47 13.72 14.88 16.05 17.27 18.47 19.64 20.77 21.84 2.5.82 1 138.54 151.23 160.44 170.27 180.66 191.57 202.94 215.19 242.54 1 17.97 19.18 26.49 56.61 31.87 33.08 43.13 1 17.97 19.18 28.32 29.48 30.61 31.87 232.48 242.54 1 17.97 19.18 28.32 23.748 32.34 32.34 1 21.42 22.82 28.65 20.03 31.16 32.25 2 24.99 25.49 26.49 26.49 26.23 28.73 2 21	1 4.84 5.08 5.34 5.61 5.69 6.18 6.49 6.81 7.15 1 12.47 13.72 14.88 16.05 17.27 18.47 19.64 20.77 21.84 1 12.47 13.72 14.88 16.05 17.27 18.47 19.64 20.77 21.84 1 22.85 27.13 29.29 31.57 33.90 36.25 38.59 40.89 17.97 19.18 20.26 21.38 22.255 23.76 24.99 26.23 27.48 17.97 19.18 20.26 21.38 22.255 23.76 24.99 26.23 27.48 17.97 30.48 34.90 27.18 28.25 28.23 27.48 34.24 21.42 22.82 24.00 28.13 27.65 23.76 20.23 31.16 21.42 23.67 99.45 99.99 100.26 101.25 102.73 103.55 21.53 <td>NULLARGUE</td> <td>1986</td> <td>1987</td> <td>1988</td> <td>1989</td> <td>1990</td> <td>1991</td> <td>1992</td> <td>1993</td> <td>1994</td> <td>1995</td> <td></td> <td>(Z/YEAR)</td>	NULLARGUE	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995		(Z/YEAR)
2 12.47 13.72 14.68 16.05 17.27 18.47 19.64 20.77 21.84 22.82 1 22.85 25.05 27.13 29.29 31.57 33.90 36.25 38.59 40.89 43.13 N 17.97 19.18 20.26 21.38 22.55 23.76 24.99 26.23 22.55 33.30 0 48 34.90 27.18 28.32 29.48 30.61 31.87 33.08 43.13 10 21.42 22.82 21.38 22.55 23.76 24.99 26.23 27.48 28.73 01 21.42 22.82 29.48 30.61 31.87 33.08 34.24 35.34 1 21.42 22.82 28.97 99.99 100.58 101.24 101.95 102.73 103.55 104.43 2 58.53 58.97 99.45 99.99 78.09 78.09 78.09 78.09 2 20.00 51.09 78.09 78.09 78.09 78.09 78.09 78.0	2 12.47 13.72 14.88 16.05 17.27 18.47 19.64 20.77 21.84 1 22.85 25.05 27.13 29.29 31.57 33.90 36.25 38.59 40.89 1 138.54 151.23 160.44 170.27 180.66 191.57 202.94 215.19 228.37 1 17.97 19.18 20.26 21.38 22.55 23.76 24.99 26.23 27.48 1 17.97 19.18 20.26 21.38 22.55 23.76 24.99 26.23 27.48 30.48 34.90 27.18 28.32 29.48 30.61 31.87 33.08 34.24 1 21.42 22.82 24.00 25.43 30.03 31.16 2 21.42 22.86 100.26 101.24 101.95 102.73 103.55 2 26.43 26.43 26.43 27.65 28.66 30.03 31.16 2 28.55 99.99 100.58 100.27 21.35 26.44		4.84	5.08	5.34	5.61	5.89	6.18	6,49	6.81	7.15	7.51	·	5°.5
I 22.85 25.05 27.13 29.29 31.57 33.90 36.25 38.59 40.89 43.13 K 17.97 19.18 20.26 21.38 22.55 23.76 24.99 26.23 242.54 NRI 30.48 34.90 27.18 28.73 242.54 35.34 1 21.42 22.82 29.48 30.61 31.87 33.08 34.24 35.34 1 21.42 22.82 29.48 30.61 31.87 33.08 34.24 35.34 2 21.42 22.82 29.48 30.61 31.87 33.08 34.24 35.34 2 21.42 22.82 29.49 101.24 101.95 102.73 103.55 104.43 2 20.00 51.09 78.09 78.09 78.09 78.09 78.09 78.09 3 20.00 51.09 78.09 78.09 78.09 78.09 78.09 78.09	I 22.85 25.05 27.13 29.29 31.57 33.90 36.25 38.59 40.89 N 17.97 19.18 20.26 21.38 22.55 23.76 24,99 26.23 27.48 NRI 30.48 34.90 27.18 28.32 29.48 34.24 I 21.42 22.82 21.38 22.55 23.76 24,99 26.23 27.48 NRI 30.48 34.90 27.18 28.32 29.48 30.61 31.87 33.08 34.24 I 21.42 22.82 24.00 25.19 26.43 27.65 28.86 30.03 31.16 I 58.53 58.697 99.99 100.58 101.24 101.95 102.73 103.55 I 58.53 58.697 99.99 78.09 78.09 78.09 78.09 78.09 I 15.79 18.87 20.00 21.355 22.777 24.05 28.44 26.84 <td></td> <td>12.47</td> <td>13.72</td> <td>14.88</td> <td>16.05</td> <td>17.27</td> <td>18.47</td> <td>19.64</td> <td>20.77</td> <td>21.84</td> <td>22.82</td> <td></td> <td>6.7</td>		12.47	13.72	14.88	16.05	17.27	18.47	19.64	20.77	21.84	22.82		6.7
138.54 151.23 160.44 170.27 180.66 191.57 202.94 215.19 228.37 242.54 17.97 19.18 20.26 21.38 22.55 23.76 24.99 26.23 27.48 28.73 30.48 34.90 27.18 28.32 29.48 30.61 31.87 33.08 34.24 35.34 21.42 22.82 24.00 25.19 26.43 27.65 28.86 30.03 31.16 32.25 58.53 58.97 99.45 99.99 100.56 101.24 101.95 102.73 103.55 104.43 20.00 51.09 78.09 78.09 78.09 78.09 78.09 78.09 15.79 18.68 20.00 21.35 22.77 24.22 25.67 27.12 28.56 29.96 15.79 18.87 20.09 78.09 78.09 78.09 78.09 78.09 78.09 78.09 78.09 78.09 78.09 78.09 78.09 78.09 78.09 78.09 78.09 78.09 78.09 <	138.54 151.23 160.44 170.27 180.66 191.57 202.94 215.19 228.37 17.97 19.18 20.26 21.38 22.55 23.76 24.99 26.23 27.48 30.48 34.90 27.18 28.32 29.48 30.61 31.87 33.08 34.24 21.42 22.82 24.00 25.19 26.43 27.65 28.86 30.03 31.16 21.42 22.82 24.00 25.19 26.43 27.65 28.86 30.03 31.16 28.53 58.97 99.45 99.99 100.58 101.24 101.95 102.73 103.55 20.00 51.09 78.09 78.09 78.09 78.09 78.09 78.09 15.79 18.87 20.00 21.35 22.77 24.22 25.67 27.12 28.56 17.53 18.87 20.09 21.35 12.56 14.55 15.61 16.65 17.65		22.85	25.05	27.13	29.29	31.57	33.90	36.25	38.59	40.89	43.13		7.3
17.97 19.18 20.26 21.38 22.55 23.76 24.99 26.23 27.48 28.73 30.48 34.90 27.18 28.32 29.48 30.61 31.87 33.08 34.24 35.34 21.42 22.82 24.00 25.19 26.43 27.65 28.86 30.03 31.16 32.25 58.53 58.97 99.45 99.99 100.56 101.24 101.95 102.73 103.55 104.43 20.00 51.09 78.09 7	17.97 19.18 20.26 21.38 22.55 23.76 24.99 26.23 27.48 30.48 34.90 27.18 28.32 29.48 30.61 31.87 33.08 34.24 21.42 22.82 24.00 25.19 26.43 27.65 28.86 30.03 31.16 21.42 22.82 24.00 25.19 26.43 27.65 28.86 30.03 31.16 28.53 58.97 99.45 99.99 100.58 101.24 101.95 102.73 103.55 20.00 51.09 78.09 78.09 78.09 78.09 78.09 78.09 15.79 18.87 20.00 21.35 22.77 24.05 25.67 27.12 28.56 17.53 18.87 20.09 21.35 12.56 14.55 15.61 16.65 17.65	BAN MAI	138.54	151.23	160.44	170.27	180.66	191.57	202.94	215.19	228.37	242.54		6.5
30.48 34.90 27.18 28.32 29.48 30.61 31.87 33.08 34.24 35.34 21.42 22.82 24.00 25.19 26.43 27.65 28.86 30.03 31.16 32.25 58.53 58.97 99.45 99.99 100.58 101.24 101.95 102.73 103.55 104.43 20.00 51.09 78.09 <td< td=""><td>30.48 34.90 27.18 28.32 29.48 30.61 31.87 33.08 34.24 21.42 22.82 24.00 25.19 26.43 27.65 28.86 30.03 31.16 58.53 58.97 99.45 99.99 100.58 101.24 101.95 102.73 103.55 20.00 51.09 78.09 78.09 78.09 78.09 78.09 78.09 15.79 18.68 20.00 21.35 22.77 24.22 25.67 27.12 28.56 15.79 18.87 20.09 21.35 22.69 24.05 25.44 26.84 28.24 HON 17.53 18.87 20.09 21.356 14.55 15.61 16.65 17.65</td><td>BANG PA IN</td><td>17.97</td><td>19.18</td><td>20.26</td><td>21.38</td><td>22.55</td><td>23.76</td><td>24.99</td><td>26.23</td><td>27.48</td><td>28.73</td><td></td><td>5.1</td></td<>	30.48 34.90 27.18 28.32 29.48 30.61 31.87 33.08 34.24 21.42 22.82 24.00 25.19 26.43 27.65 28.86 30.03 31.16 58.53 58.97 99.45 99.99 100.58 101.24 101.95 102.73 103.55 20.00 51.09 78.09 78.09 78.09 78.09 78.09 78.09 15.79 18.68 20.00 21.35 22.77 24.22 25.67 27.12 28.56 15.79 18.87 20.09 21.35 22.69 24.05 25.44 26.84 28.24 HON 17.53 18.87 20.09 21.356 14.55 15.61 16.65 17.65	BANG PA IN	17.97	19.18	20.26	21.38	22.55	23.76	24.99	26.23	27.48	28.73		5.1
21.42 22.82 24,00 25.19 26.43 27.65 28.86 30.03 31.16 32.25 58.53 58.97 99.45 99.99 100.58 101.24 101.95 103.55 104.43 28.53 58.97 99.45 99.99 100.58 101.24 101.95 102.73 103.55 104.43 20.00 51.09 78.09	21.42 22.82 24.00 25.19 26.43 27.65 28.86 30.03 31.16 58.53 58.97 99.45 99.99 100.58 101.24 101.95 102.73 103.55 58.53 58.97 99.45 99.99 100.58 101.24 101.95 102.73 103.55 20.00 51.09 78.09 78.09 78.09 78.09 78.09 78.09 15.79 18.68 20.00 21.35 22.77 24.22 25.67 27.12 28.56 17.53 18.87 20.09 21.35 22.69 24.05 25.44 26.84 28.24 HON 11.56 12.55 13.56 14.55 15.61 16.65 17.65	PRACHIN BURI	30.48	34.90	27.18	28.32	29.48	30.61	31.87	33.08	34.24	35.34		2.8
2 58.53 58.97 99.45 99.99 100.58 101.24 101.95 103.55 104.43 3 20.00 51.09 78.0	2 58.53 58.97 99.45 99.99 100.58 101.24 101.95 102.73 103.55 3 20.00 51.09 78.09 78.09 78.09 78.09 78.09 78.09 4 15.79 18.68 20.00 21.35 22.77 24.22 25.67 27.12 28.56 4 17.53 18.87 20.09 21.35 22.69 24.05 25.44 26.84 28.24 NAKHON 11.56 12.55 13.56 14.55 15.61 16.65 17.65	SARABURI 1	21.42	22.82	24.00	25.19	26.43	27.65	28.86	30.03	31.16	32.25		5.2
3 20.00 51.09 78.09	3 20.00 51.09 78.09 <th70.05< th=""> 25.64 26.8</th70.05<>		58.53	58.97	99.45	66.66	100.58	101.24	101.95	102.73	103.55	104.43		6.6
4 15.79 18.68 20.00 21.35 22.77 24.22 25.67 27.12 28.56 29.98 17.53 18.87 20.09 21.35 22.69 24.05 25.44 26.84 28.24 29.64 NAXHON 17.55 13.55 13.56 14.55 15.61 16.65 17.65 18.61	4 15.79 18.68 20.00 21.35 22.77 24.22 25.67 27.12 28.56 17.53 18.87 20.09 21.35 22.69 24.05 25.44 26.84 28.24 NAKHON 11.56 12.55 13.56 14.55 15.61 16.65 17.65		20_00	51.09	78.09	78.09	78.09	78.09	78.09	78.09	78.09	78.09		13.7
17.53 18.87 20.09 21.35 22.69 24.05 25.44 26.84 28.24 29.64 NAKHON 11.56 12.55 13.56 14.55 15.61 16.65 17.65 18.61	17.53 18.87 20.09 21.35 22.69 24.05 25.44 26.84 28.24 NAKHON 11.56 12.55 13.56 14.55 15.61 16.65 17.65		15.79	18.68	20.00	21.35	22.77	24.22	25.67	27.12	28.56	29.98		ۍ. م
11.56 12.55 13.56 14.55 15.61 16.65 17.65 18.61	11.56 12.55 13.56 14.55 15.61 16.65 17.65	THALAN	17.53	18.87	20.09	21.35	22.69	24.05	25.44	26.84	28.24	29.64		6.5
		WATTHANA NAKHON			11.56	12.55	13.56	I4.55	15.61	16.65	17.65	18.61		7.0
					:		· · ·							

6.9

673.07

647.21

622.12

597.81

574.29

551.53

529.43

508.41

419.58

360.42

TOTAL

(MW :TINU)

PEAK DEMAND BY SUBSTATION (C2)

ANNEX 3-14-8

AO FRAIBAN BUNGBAN BUNGBANG LAMUNGBANG LAMUNGBANG LAMUNGCHON BURICHANTHABURICHANTHABURICHANTHABURICHANTHABURICHANTHABURICHANTHABURICHANTHABURICHANTHABURICHANTHABURICHANTHABURICHANTHABURIRAYONGRAYONGSATTAHIPSATTAHIPTOTAL50.83	11.65 21.26 8.43 8.43 10.43 10.43 2.94	12.41 27.03 9.74									
AAI BUNG LAMUNG BURI BURI HOENG SAO HOENG SAO NG 1 NG 2 NG 2 NG 3 AHIP 2 AHIP 2 TOTAL	11.65 21.26 8.43 8.43 10.43 2.94	12.41 27.03 9.74							,	_	
BUNG LAMUNG BURI BURI ACENS SAO HABURI NG 1 NG 1 NG 2 NG 2 NG 3 AHIP 2 AHIP 2 AHIP 2 AHIP 2 AHIP 2	11.65 21.26 8.43 8.43 10.43 2.94 2.94	12.41 27.03 9.74							0.89	1.29	
LAMUNG BURI BURI HOENG SAO HOENG SAO HOENG I NG I NG 2 NG 3 NG 3 NG 3 NG 3 NG 2 NG 2 NG 2 NG 2 NG 2 NG 2 NG 2 NG 2	11.65 21.26 8.43 8.43 10.43 2.94 2.94	12.41 27.03 9.74				6.98	11.22	11.22	11.16	12.26	15.1
BURI BURI AOENG SAO THABURI NG 1 NG 1 NG 2 NG 3 ACHA AHIP 2 AHIP 2 ATOTAL	21.26 8.43 10.43 6.77 2.94	27.03 9.74	15.20	15.52	18.28	20.44	25.60	28.16	31.92	35,56	14.2
ADENG SAD THABURI NG 1 NG 2 NG 3 ACHA ACHA ACHA ACHA TOTAL	8.43 8.43 10.43 6.77 2.94	9.74	28 57	33 68	31 56	33 96	24 44	24 68	30 15	42 02	4
TOTAL TABURI NG NG ACHA ACHA ACHA TOTAL	6.77 2.94	7./4									
THABURI NG 1 NG 2 NG 3 ACHA AHIP 2 TOTAL	10.43 6.77 2.94		10.10	00.01	70.41	#7.0I	10.04	00117	23.40	70.40	¥4
NG 1 NG 1 NG 2 NG 3 ACHA ACHA 2 TOTAL	10.43 6.77 2.94			13.40	17.84	20.74	23.10	22.76	78 12	32.18	15.4
NG 1 NG 2 NG 3 ACHA ACHA ACHA TOTAL	10.43 6.77 2.94	<u> </u>							• • •		
NG 2 NG 3 ACHA ACHA AHIP 2 TOTAL	6.77 2.94	13.12	17.18	14.36	16.24	17.42	17.88	28.36	34.52	33.60	15.7
NG 3 ACHA AHIP 2 TOTAL	6.77 2.94		•	- - ,,,				۰.	A 14	2.24	
ACHA ACHA AHP 2 TOTAL	6.77 2.94		-								
ACHA MHIP 2 TOTAL	6.77 2.94				1				2, 2	00	
AHIP 2 TOTAL	2.94	8.17		60°6	9.86	11.04	11.58	13.80	1 15.32	1 15.58	9.6
MIP 2 TOTAL		4.97	3.53	3 49	3.76	4.53	4.77	4.31	4.66		4.4
- DTAL	-	-1						, , ,			
	61.48	75.45	95.94	103.10	112.36	131.34	143.19	169.37	197.07	215.83	13.9
	•									:	
					40YUAQUA	ŀ					
SUBSTATION	1	1 000	- 19	1 000 1	T CUCCUCI	1					AKUNITA KALE
1 200	198/	1 488	1769	1990	1661	7661	1993	76A7	1995		(X/YEAR)
AO PEAT 1.30	3.23	6.46		9-70	9.70	9.70	9.70	9.70	9-70		22.4
د. د	13.26	14 27		16.62	17.85	110	07.06	01 70	23 01		
		17 07		10 01		1 0 0 0 0		2 · · · · · · · · · · · · · · · · · · ·			
2	07.14	40.04		0	1 4 • nc			00-10	10 NO		1
	43.38	47.20		55.32	59,55	63 84	68.11	72.34	76.51		6.0
CHACHOENG SAO 29.86	32.53	34 98		40 19	42.89	45.62	48.32	50.98	53.58		6.6
CHANTRABURI 34.44	27.73	30.14		34,95	37.41	39.83	42.19	44.45	46.60		3.0
	7,86	8.57	9.32	10.12	10.96	11 83	12.73	13.65	14 60		с С
	45.43	00 07			- C C - C 7		10 51	70 25	ис 70		
						77*70	40.1	(7·0)			0 (h (
	×.01	9.77.		12.15	74.EL	14.03	8/	10.04			7° 5
RAYONG 3 7.00	7.00	14.60	89.60	92.40	99.50	99.50	99.50	99.50	99.50		31.0
SRTRACHA 15.86	18.19	19.37		21.89	23.21	24.56	25.92	27.30	28.68		6.3
	10.62				•			00	00.4		
1KA1	TU.33	14.00		10.00	٠		C7*01	00.11	1.00		
SATTAHIP 2		- - - -									
a difference de la companya de la c							and the second second		i syrainin fear		
TOTAL 235.68	259,15	289.99	388.75	413.10	442.18	464.51	486.92	509.36	531.67		9.4

N 1975 1976 1977 1978 1979 1980 1982 1983 1984 1985 11.79 12.74 21.00 21.79 21.62 21.52 21.24 22.80 30.40 34.92 395.92 21.92 24.46 22.56 24.00 27.00 32.05 30.70 28.85 36.70 34.92 395.92 6.63 7.34 10.38 10.29 9.20 10.98 11.48 16.12 13.66 14.50 8 6.63 7.34 10.38 10.29 9.20 10.98 11.48 16.12 14.50 18.67 20.61 26.27 26.88 32.97 38.58 33.61 42.42 41.13 41.46 42.72 13.69 18.70 18.73 20.20 25.48 30.68 32.72 37.68 43.06 46.13 5.47 6.05 16.33 7.51 12.37 37.61 17.20 20.38 51.72 <tr< th=""><th>MALON 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 NRI 6.63 6.63 7.34 10.38 10.29 21.62 21.24 22.80 30.40 34.92 39.95 URI 6.63 6.63 7.34 10.38 10.29 92.05 10.98 11.48 16.12 13.766 14.50 SAEN 18.67 20.61 26.23 25.46 32.07 38.81 42.42 41.13 41.46 42.72 11 2 20.61 26.23 26.88 32.97 38.61 42.42 41.13 41.46 42.72 11 2 22.19 26.51 30.26 32.97 38.61 42.42 41.13 41.456 51.72 11 2 22.19 20.26 32.97 38.61 42.42 41.13 41.42 45.166 44</th><th></th><th></th><th></th><th></th><th></th><th></th><th>ACTUAL</th><th></th><th></th><th></th><th></th><th></th><th>GROWTH RATE</th></tr<>	MALON 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 NRI 6.63 6.63 7.34 10.38 10.29 21.62 21.24 22.80 30.40 34.92 39.95 URI 6.63 6.63 7.34 10.38 10.29 92.05 10.98 11.48 16.12 13.766 14.50 SAEN 18.67 20.61 26.23 25.46 32.07 38.81 42.42 41.13 41.46 42.72 11 2 20.61 26.23 26.88 32.97 38.61 42.42 41.13 41.46 42.72 11 2 22.19 26.51 30.26 32.97 38.61 42.42 41.13 41.456 51.72 11 2 22.19 20.26 32.97 38.61 42.42 41.13 41.42 45.166 44							ACTUAL						GROWTH RATE
11.79 12.74 21.00 21.62 21.62 21.24 22.80 30.40 34.92 39.92 6.63 6.63 7.34 10.38 10.29 9.206 30.70 28.85 36.70 37.80 38.85 6.63 7.34 10.38 10.29 9.206 11.48 16.12 11.45 16.12 14.50 8.61 6.53 26.32 10.29 9.206 10.96 14.50 38.85 18.67 20.61 26.27 26.88 32.97 38.56 42.42 41.13 41.46 42.72 13.69 18.70 18.73 20.20 25.48 32.97 38.61 42.42 41.13 41.46 42.72 13.69 18.77 18.73 20.20 37.01 38.04 40.80 45.13 5.47 6.53 90.63 10.21 11.01 117.20 21.42 21.42 41.46	III.79I2.7421.0021.8021.6221.21.422.8630.7034.9239.92URI 6.63 6.63 6.63 7.34 10.3810.29 9.20 32.05 21.86 34.70 34.92 39.92 SABN 6.63 6.63 7.34 10.38 10.29 9.20 11.48 16.12 13.66 14.50 SABN 18.67 20.61 26.27 26.88 32.07 32.65 38.61 42.42 41.13 41.46 42.72 11 13.69 18.70 18.73 20.20 25.48 32.92 38.61 42.42 41.13 41.46 42.72 11 13.69 18.70 18.70 26.20 25.248 30.66 32.72 38.64 47.42 41.13 11 6.2 22.19 26.21 26.20 25.48 30.26 32.72 38.64 42.42 41.13 11 6.2 22.19 30.14 32.92 39.24 30.240 37.01 37.04 43.66 42.72 11 6.2 22.19 30.70 13.701 13.701 13.701 13.701 13.70 20.38 21.42 11 6.2 12.37 37.01 37.01 7.96 11.24 0.28 21.42 11 6.33 7.80 7.90 0.16 0.24 0.24 10.60 10 0.04 0.08 0.10 0.19 0.14 0.24	NOT INT SALA	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	(X/YEAR)
21.92 24.46 22.56 24.00 27.00 21.02 20.70 28.85 36.70 37.80 38.85 6.63 6.63 6.63 7.34 10.38 10.29 9.20 10.98 11.48 16.12 13.66 14.50 8 18.67 20.61 26.27 26.88 32.97 38.51 42.42 41.13 41.46 42.72 18.67 20.61 26.51 30.14 32.97 38.51 42.42 41.13 41.46 42.72 13.69 18.70 18.73 20.20 25.48 30.68 32.72 37.68 41.46 42.72 4.306 5.47 30.14 32.92 39.40 37.01 38.04 40.80 46.13 5.33 7.51 12.37 6.53 7.80 7.95 7.66 11.34 0.60 0.27 0.23 5.33 7.51 12.37 0.08 0.10 0.14 0.246.37 0.267 0.23 <	NRI 21.52 24.46 22.56 24.46 22.56 24.46 22.56 24.46 22.56 24.46 22.56 24.46 22.56 24.46 22.56 24.66 37.80 38.85 ISI 6.63 7.34 10.38 10.29 9.20 10.98 11.48 16.12 13.66 14.50 ISI 18.67 20.61 26.27 26.88 32.97 38.58 38.61 42.42 41.13 41.46 42.72 I 13.69 18.67 20.61 26.27 20.20 25.48 30.68 32.72 37.68 41.13 41.46 42.72 I 1 2 22.19 26.17 26.88 32.97 38.58 38.61 42.42 41.13 41.46 42.72 I 1 2 22.19 26.13 20.14 30.68 32.72 37.04 43.68 51.72 I 2 2.13 0.14 10.21 11.01 13.70 17.20 20.38 21.42 0 5.33 7.51 12.37 5.33 7.66 11.34 0.27 0.27 0 5.33 7.51 12.37 0.08 0.16 <t< td=""><td>AAN DONC 1</td><td>11 79</td><td>10 76</td><td>00 16</td><td>01 70</td><td>00 10</td><td>11 63</td><td>76 16</td><td>30 00</td><td>07 06</td><td>21. 07</td><td>30 03</td><td>с с</td></t<>	AAN DONC 1	11 79	10 76	00 16	01 70	00 10	11 63	76 16	30 00	07 06	21. 07	30 03	с с
6.63 6.63 7.34 10.38 10.29 9.20 10.98 11.48 16.12 13.66 14.50 18.67 20.61 26.27 26.88 32.97 38.61 42.42 41.13 41.46 42.72 1 13.69 18.70 18.73 20.20 25.48 30.68 32.72 37.68 43.04 43.68 51.72 1 2 20.14 32.92 39.24 30.68 32.72 37.68 41.46 42.42 41.46 42.72 1 4.369 5.47 6.05 30.24 39.26 37.01 38.04 40.80 46.13 21.42 1 46.13 21.42 1 1 21.42 1 20.60 10.60 10.60 10.60 10.60 10.60 10.60 1 45.36 46.13 21.42 41.45 45.142 46.13 46.13 21.42 46.13 21.42 46.13 21.42 46.13 1.65 1.65 1.42	URI 6.63 6.63 7.34 10.38 10.29 9.20 10.98 11.48 16.12 13.66 14.50 SAEN ISE 18.67 20.61 26.27 26.88 32.97 38.58 38.61 42.42 41.13 41.46 42.72 15.13 18.67 20.61 26.21 30.14 32.92 39.24 39.40 37.01 33.04 43.08 43.36 43.36 44.13 41.46 42.72 11.21 11.01 13.70 17.20 20.38 21.42 11.47 14.6 42.13 11.4 15.2 12.19 26.51 30.14 32.92 39.24 39.40 37.01 38.04 40.80 43.36 44.13 1.4 14.6 42.72 11.21 11.01 13.70 17.20 20.38 21.42 11.4 15.1 11.2 11.2 11.2 11.2 11.2 11.2 11.2	BAN PONG 2	21.92	24.46	22.56	24.00	27.00	32.05	30.70	28.85	36.70	37.80	20.04 20.85	2.0
18.67 20.61 26.27 26.88 32.97 38.58 33.61 42.42 41.13 41.46 42.72 13.69 18.70 18.73 20.20 25.48 30.68 32.72 37.68 43.04 43.68 51.72 22.19 26.51 30.14 32.92 39.24 39.40 37.01 38.04 40.80 43.68 51.72 5.47 6.05 6.53 9.63 10.21 11.01 13.70 17.20 20.38 21.42 5.33 7.51 12.37 6.33 7.80 7.95 7.66 11.34 10.60 10.60 5.33 7.51 12.37 6.33 7.80 7.95 7.66 11.34 10.60 10.60 0.04 0.08 0.10 0.13 0.14 0.27 0.27 0.27 99.28 120.45 189.62 190.31 202.84 237.00 246.37 267.80	MEN 18.67 20.61 26.27 26.88 32.97 38.58 38.61 42.42 41.13 41.46 42.72 1 6 13.69 18.70 18.73 20.20 25.48 30.66 37.01 37.68 43.04 43.66 51.72 1 6 18.73 20.20 25.48 30.40 37.01 38.04 43.04 43.68 51.72 1 6 18.73 20.20 25.48 30.40 37.01 38.04 40.80 43.65 51.72 1 6 5 39.24 39.40 37.01 38.04 40.80 45.13 21.42 4.1.35 5.47 6.05 6.53 9.63 10.21 11.01 13.70 17.20 20.38 21.42 12.37 5.33 7.51 0.04 0.08 0.16 0.16 0.27 0.27 0.27 0.27 1.67 12.37 5.33 12.35.12 172.82 189.62<	KANCHANA BURI	6.63	6.63	7.34	10.38	10.29	9.20	10.98	11.48	16.12	13.66	14.50	101
18.67 20.61 26.27 26.88 32.97 38.58 38.61 42.42 41.46 42.72 13.69 18.70 18.73 20.20 25.48 30.68 32.72 37.68 43.04 43.68 51.72 2 22.19 26.51 30.14 32.92 39.24 39.40 37.01 38.04 40.80 43.68 51.72 5 4.39 5.47 6.05 6.53 9.63 10.21 11.01 13.70 17.20 20.38 21.42 5 37.51 12.37 6.33 7.80 7.95 7.66 11.34 10.60 10.60 6 0.04 0.08 0.08 0.09 0.10 0.14 0.27 0.27 0.27 0.27 0.27 99.28 120.45 139.60 155.12 172.82 189.62 190.31 202.84 237.00 246.37 267.80	SI 18.67 20.61 26.27 26.88 32.97 38.58 38.61 42.42 41.13 41.46 42.72 1 6 13.69 18.70 18.73 20.20 25.48 30.66 32.72 37.68 43.04 43.68 51.72 1 6 5.47 6.05 6.53 9.63 10.21 11.01 13.70 17.20 20.38 21.42 5.33 7.51 12.37 6.33 7.80 7.95 7.66 11.34 10.60 10.60 5.33 7.51 12.37 6.33 7.80 7.95 7.66 11.34 0.27 0.27 0.14 0.26 12.37 6.33 7.80 7.95 7.66 11.34 10.60 0.04 0.08 0.10 0.13 0.14 0.27 0.27 0.27 0.15 0.16 0.13 0.10 0.14 0.28 1.67 0.14 0.204 0.18 0.12 0.14 0.27 0.27 0.14 0.208 0.14 0.208 0.14 0.26 1.67 0.14 0.24 130.60 155.12 172.82 189.62 190.31 202.84<	KAMPHAENG SAEN	÷											
18.70 18.70 18.73 20.20 25.48 30.68 32.72 37.68 43.04 43.68 51.72 26.51 30.14 32.92 39.24 46.13 46.14 47.2 46.13 46.14 47.2 46.14 47.2 40.24 0.27 0.27 <td>1 & 2 13.69 18.70 18.73 20.20 25.48 30.66 32.72 37.68 43.04 43.66 51.72 1 & 2 22.19 26.51 30.14 32.92 39.24 39.40 37.01 38.04 40.80 43.56 46.13 5.47 6.05 6.53 9.63 10.21 11.01 13.70 17.20 20.38 21.42 5.33 7.51 12.37 6.33 7.80 7.95 7.66 11.34 10.60 10.60 5.33 7.51 12.37 6.33 7.80 7.95 7.66 11.34 10.60 10.60 6.03 0.04 0.08 0.010 0.13 0.14 0.27 0.27 0.27 0.14 0.26 13.70 17.20 20.38 21.42 1.67 0.10 0.10 0.10 0.13 0.14 0.27 0.27 0.27 0.24 120.45 139.60 155.12 172.82 189.62 190.31 202.84 237.00 246.37 267.80</td> <td>NAKHON CHAISI</td> <td>18.67</td> <td>20.61</td> <td>26.27</td> <td>26.88</td> <td>32.97</td> <td>38.58</td> <td>38.61</td> <td>42.42</td> <td>41.13</td> <td>41.46</td> <td>42.72</td> <td>2.1</td>	1 & 2 13.69 18.70 18.73 20.20 25.48 30.66 32.72 37.68 43.04 43.66 51.72 1 & 2 22.19 26.51 30.14 32.92 39.24 39.40 37.01 38.04 40.80 43.56 46.13 5.47 6.05 6.53 9.63 10.21 11.01 13.70 17.20 20.38 21.42 5.33 7.51 12.37 6.33 7.80 7.95 7.66 11.34 10.60 10.60 5.33 7.51 12.37 6.33 7.80 7.95 7.66 11.34 10.60 10.60 6.03 0.04 0.08 0.010 0.13 0.14 0.27 0.27 0.27 0.14 0.26 13.70 17.20 20.38 21.42 1.67 0.10 0.10 0.10 0.13 0.14 0.27 0.27 0.27 0.24 120.45 139.60 155.12 172.82 189.62 190.31 202.84 237.00 246.37 267.80	NAKHON CHAISI	18.67	20.61	26.27	26.88	32.97	38.58	38.61	42.42	41.13	41.46	42.72	2.1
26.51 30.14 32.92 39.24 39.40 37.01 38.04 40.80 43.36 46.13 5.47 6.05 6.53 9.63 10.21 11.01 13.70 17.20 20.38 21.42 5.33 7.51 12.37 6.33 7.80 7.95 7.66 11.34 10.60 10.60 5.33 7.51 12.37 6.33 7.80 7.95 7.66 11.34 10.60 10.60 0.04 0.08 0.10 0.13 0.14 0.27 0.27 0.27 12.05 139.60 155.12 172.82 189.62 190.31 202.84 237.00 246.37 267.80	1 & 2 22.19 26.51 30.14 32.92 39.24 39.40 37.01 38.04 40.80 43.36 46.13 4.39 5.47 6.05 6.53 9.63 10.21 11.01 13.70 17.20 20.38 21.42 5.33 7.51 12.37 6.33 7.80 7.95 7.66 11.34 10.60 10.60 5.33 7.51 12.37 6.33 7.80 7.95 7.66 11.34 10.60 10.60 6.03 0.04 0.08 0.10 0.13 0.14 0.27 0.27 0.27 0.14 0.26 13.70 172.82 189.62 190.31 202.84 267.80	SAM PHRAN I	13.69	I8.70	18.73	20.20	25.48	30.68	32.72	37.68	43.04	43.68	51.72	11.0
5.47 6.05 6.53 9.63 10.21 11.01 13.70 17.20 20.38 21.42 5.33 7.51 12.37 6.33 7.80 7.95 7.66 11.34 10.60 10.60 5.33 7.51 12.37 6.33 7.80 7.95 7.66 11.34 10.60 10.60 0.04 0.08 0.08 0.10 0.13 0.14 0.27 0.27 12.045 139.60 155.12 172.82 189.62 190.31 202.84 237.00 246.37 267.80	4.39 5.47 6.05 6.53 9.63 10.21 11.01 13.70 17.20 20.38 21.42 5.33 7.51 12.37 6.33 7.80 7.95 7.66 11.34 10.60 10.60 10.60 6.33 7.80 7.95 7.66 11.34 10.60 10.60 0.27 0.27 0.27 0.04 0.08 0.08 0.10 0.13 0.14 0.27 0.27 0.27 0.27 0.10 0.10 0.10 0.11 0.09 0.14 0.24 1.67 1.67 0.09 10.10 172.82 189.62 190.31 202.84 246.37 267.80	SAMUTSAKHON 1 & 2	22.19	26.51	30.14	32.92	39.24	39.40	37.01	38.04	40.80	43.36	46.13	3.2
5.33 7.51 12.37 6.33 7.80 7.95 7.66 11.34 10.60 10.27 0.27 0.27 0.27 0.27 0.27 0.27 0.27 0.27 0.27 0.27 0.27 0.27 0.27 0.27 0.27 0.27 0.24 1.67 1.67 1.67 1.67 1.67 0.24 <	TMD 5.33 7.51 12.37 6.33 7.80 7.95 7.66 11.34 10.60 10.60 4 0.04 0.08 0.08 0.10 0.13 0.14 0.27 0.27 4 0.24 1.67 0.24 1.67 0.27 0.27 0.27 5 3 120.45 139.60 155.12 172.82 189.62 190.31 202.84 237.00 246.37 267.80	SUPHAN BURI	4.39	5.47	6.05	6.53	9.63	10.21	11.01	13.70	17.20	20.38	21.42	16.0
0.04 0.08 0.10 0.13 0.14 0.27 0.27 120.45 139.60 155.12 172.82 189.62 190.31 202.84 237.00 246.37 267.80	I 99.28 120.45 139.60 155.12 172.82 189.62 190.31 202.84 237.00 246.37 267.80	THAMUANG		5.33	7.51	12.37	6.33	7.80	7.95	7.66	11.34	10.60	10.60	с 9
120.45 139.60 155.12 172.82 189.62 190.31 202.84 237.00 246.37 267.80	TAL 99.28 120.45 139.60 155.12 172.82 189.62 190.31 202.84 237.00 246.37 267.80	SRINAGARIND				0 07	0.08	0.08	0.10	0.13	0.14	0.27	0.27	29.2
120.45 139.60 155.12 172.82 189.62 190.31 202.84 237.00 246.37 267.80	99.28 120.45 139.60 155.12 172.82 189.62 190.31 202.84 237.00 246.37 267.80	KHAO LAEM								0.09	0.14	0.24	1.67	
		TOTAL	99.28	120.45	139.60	155.12	172.82	189.62	190.31	202.84	237.00	246.37	267.80	7.1
								POPEAACM					-	CDOCTFUL DAME

CITE CT ANY CM	-					FORECAST						GROWTH RATE
NOTIVICANS	1986	1987	1988	1989	1990	1661	1992	661	1994	1995		(%/YEAR)
BAN PONG 1	48.61	76 YE	39.70	42 44	45 22	7 94	50 57	23 10	55 50	57 77	-	
AN FONG 2	39.79	42.59	45.06	47.60	50.31	53.07	55.85	58.63	61.40	64.13		
KANCHANA BURI	25.62	28.40	30.64	32.93	35.31	37.70	40.06	42.35	44.56	46.65		6.4
KAMPHAENG SAEN	14.83	16.47	17.98	I9.51	21.06	22.63	24.19	25.75	27.28	28.79		7.7
NAKHON CHAISI							-					
SAM PHRAN I	101.19	110.70	119.76	129.38	139.79	150.72	162.17	174.03	186.33	199.05		7.7
SAMUTSAKHON 1 & 2	45.31	49.19	52.82	56.59	60.64	64.85	69.21	73.67	78.23	82.87	<u></u>	6.0
SUPHAN BURI	24.03	27.00	29.72	32.33	34.93	37.40	39.84	42.20	44.46	46.59		8.1
THAMUANG												
SRINAGARIND	0.29	0.33	0.37	0.42	0.46	0.51	0.56	0.61	0.66	0.71		10.1
KHAO LAEM	2.49	2.68	2.70	2.72	2.75	2.77	2.80	2.82	2.85	2.88		5.6
TOTAL.	302.14	314.30	338.75	363.92	390.46	417.58	445.25	473.15	501.26	529.42		7.1

(UNI : INU)

PEAK DEMAND BY SUBSTATION (S1)

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ANNEX 3-14-10

m		r		-	-	_			~~~						1			.			-										r -		- 1
GROWTH RATE	(Z/YEAR)	1	2.6	14.6	8.3	13.6	(2.6)	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		(9.7.)		20.2	10.8					CROWTH RATE	(Z/YEAR)		9.6	7.5	7.0	8.7	1.1	4.4	7.6	0.0 .0	6.6			2.6	1
	1985		20.04	15.30	13.90	8.29	9.45	10.89	10.00	10.16	5.64	17.42	111.08								•						- 						
	1984		19.40	13.82	12.56	7.61	9.29	10 01	***	13.14	5.00	17.54	109.17						1995		50.05	31.40	27.29	19.10	I9.92	16.70	21.11	12.22	32.98			230.77	
	1983		10.40	12.14	13.34	6.45	8 31	9 48		12.28		12.90	93.30						1994		47.67	29.60	25 82	18.11	18.74	16.23	20.08	11.54	31.04	- - - - - -		218.82	
	1982	(11.20	10.60	10.28	5.89	3.48	74 0		10.42		11.92	90.61						1993		45.39	27.78	24.35	17.06	17.55	15.72	19.00	10.82	29.08			206.75	
	1981		10.01	8,86	9.28	4.97	12.69	10.06		13.36		7.88	82.72						1992	-	43.22	25.98	22.91	15.98	16.37	15.19	17.88	10.06	27.10			194.68	
ACTUAL	1980		12.44		9.32		10.79	00.0		12.12		6.93	66.60			•	·	FORECAST	1991		41.16	24.19	21.49	14.87	15.23	14.62	16.73	9.28	25.13			182.69	
	1979		76.01	 	9.24		8.37	0. 0		10.08		7.02	65.93						0661		39.19	22.43	20.10	13.76	14.12	14.03	15.57	8.50	23.19			170.89	
	1978		101.01		9.30		7.41	A RO		01.41		6.28	65.04			. •			1989		37.33	20.70	18.75	12.67	13.10	13.42	14.42	7.73	21.30	1.5		159.40	
	1977		11.30		8.43			7 60		16.91		5.47	58.96				.		1988		35.56	19.07	17.47	11.59	12.11	12.78	13,27	7.01	19,52			148,38	
	1976		12.40		7.36			6 80	2. () · /	24.11			46.60	•					1987		23.89	17.51	16.23	10.54	11.28	12.13	12.12	6.29	17.81	н М., Тр		127.81	
	1975		14-44		5.99			7 40		10.42			41.25	-					1986		22.14	15.76	14.88	9.37	10.06	11.38	10.84	5.61	16.04			116.08	
Motavacallo	NOT TWICEDS		LEA AM	CHUM PHON	PHETCHABURI	PRACHOAPKHIRI KHAN	PRAN BURI	DNONC		RATCHABURI 1	RATCHABURI 2	SAMUTSONGKHRAM	TOTAL					NO LUI MOOLIO	NOTIFICANS		CHA AM	CHUM PHON	PHETCHABURI	PRACHOAPKHIRI KHAN	PRAN BURI	RANONG	RATCHABURI 1	RATCHABURI 2	SANUTSONGKHRAM			TOTAL	

(UNIT: MW)

PEAK DEMAND BY SUBSTATION (S2)

ANNEX 3-14-11

STIR CT ATTON						ACTUAL						GROWTH RATE
NOT THICADO	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	(Z/YEAR)
CHIEN LAN										0.50	0.71	
KRABI	0.76	0.96	1.09	1.29	1.78	2.31	2.64	2.77	3.43	4.36	4.75	15.5
KHANOM								0.79	1.39	2.77	3.24	
LAMPOORA	5.73	6.54	6.82	8.86	9.98	10.70	11.55	12.35	14.54	15.22	16.94	9.6
NAKHON SI THAMMARAT	4.88	6.18	7.71	8.94	10.43	11.39	13.38	16.20	17.32	19.24	22,68	14.8
PHANGNGA	2.26	1.97	2.21	1.89	2.28	2.67	3,09	3.29	3.40	3.63	3.92	0.8
PHUKET 1 & 2	11.97	13.34	14.13	16.33	18.12	18.48	19.83	18.78	20.35	20.30	23.23	4.1
PHUNPHIN	4 70	7.35	9.44	11.00	12.96	15.21	17.53	18.01	21.22	22.34	24.20	9.7
TAKUA PA	1 70	1.52	1.68	16.1	2.18	2.24	2.21	2.74	3.37	3.33	4.39	14.4
THUNG SONG	3.41	4.13	5.27	5.41	6.14	6.73	6.92	7.68	8.33	10.08	10.60	۳. ۳.
TOTAL	35.41	41.99	48.35	55.62	63.88	69.74	77.15	82.61	93.34	101.77	114.66	10.5
								~				
						-						

. . . .

						FORECAST						GROWTH RATE
MOT TWI SONS	1986	1987	1988	1989	1990	1661	1992	1993	1994	1995	1	(%/YEAR)
			1			•						
CHIEW LAN	0.73	0.86	0.95	1.04	1.13	1.22	1.32	1.42	1.52	1.62		8.6
KRABI	5.13	5.70	6.24	6.81	7.41	8.03	8.67	9.31	9.95	10.58		83
KHANOM	3.87	5.18	5.66	6.18	6.74	7.32	7.94	8.58	9.25	9.94		11.9
LAMPOORA	17.86	18.23	19.69	21.16	22.66	24.13	25.55	26.89	28.13	29.26		5.6
NAKHON SI THAMMARAT	27.03	27.38	29.69	32.06	34.54	37.03	39.54	42.02	44.48	46.91		7.5
PHANGNGA	4.18	4.64	5 04	5.44	5.86	6.28	6.71	7.13	7.54	7.94		7.3
PHUKET 1 & 2	23.67	25.64	27.25	28.40	29.62	30.84	32.04	33.22	34.37 -	35.48		4,3
NIHANNHA	25.01	27.60	29.84	32.14	34.55	36.98	39.42	41.84	44.23	46.57	_	6.8
TAKUA PA	4.45	4.95	5 39	5.82	6.29	6.75	7.22	7.68	8.15	8.62		7.0
THUNG SONG	11.04	12.19	13.23	14.31	15.44	16.60	17.76	18.92	20.06	21.18		7.2
TOTAL	122.96	132.34	142.98	153.36	164.22	175.18	186.16	197.00	207.67	218.09		6.6

PEAK DEMAND BY SUBSTATION (S3)

ANNEX 3-14-12

										2	s.,		e e					:						÷
GROWTH RATE	(Z/YEAR)	13.6	6.9	16.7	23.3	1				13.6		CROWTH RATE	(Z/YEAR)	3.2	2.7	6.8	7.9	8.5	8.2	(1.3)	13.1	1.6		0
	1985	3.47	57.32	8.50	5.83		30.12			120.22														
	1984	3.35	53.92	8.06	5.29		27.66			111.32			1995	4.75	74.83	28,79	18.19	13.14	43.69	26.51	59.47	14.28		283.65
	1983	2.98	49.60	6.65	4.16	,	34.28	· · · · ·		10.001			1994	4 .68	70.16	27.62	17.26	12.48	41.16	25.17	56.20	13.57		268.29
	1982	2.64	43.77	5.41	4.15	1 ((34.25			90.23			1993	4.60	65.67	26.35	16.30	11.76	38.63	23.79	53.08	12.81		252,99
	1981	2.08	39.60	4.40	2.52	; ; ;	29.31			19.77			1992	4.51	61.38	25.02	15.31	11.00	36.14	22.38	50.12	12.00		237.86
ACTUAL	1980		36.68	3.93			23.07			63.67		FORECAST	1661	4.39	57.26	23.63	14.30	10.22	33.68	20.96	47.31	11.17	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	222.92
	1979		33.51	3.27			20.25		·	57.02			1990	4.26	53.34	22.21	13.29	9.41	31.29	19.54	39.65	10.34		203.31
	1978		27.34	2.77			16.31			46.43			1989	4.I2	49.62			8.61		18.14			2 2 2 2	184.07
	1977		22.84	2-41		 6 6	12.00			37.25			1988	3.97	46.19	19.26	11.28	7.86	26.82	16.82	24.60	8.72		165.51
	1976	· ·	19.27	1.95		(8.80			30.02			1987	3,82	42.96	17.71	10.31	7.14	23.79	15.45	22.26	7.96		151.39
	1975	*****	16.61	1.45						18.06			1986	3.58	64.59	15.86	9.13	. 6. 39	21.58	33.00				154.13
	NULTAICAUS		HAT YAI 1 & 2 MADATUTUAT	PHATTHAMA	SADAO	SONG KHLA	YALA	PATTANI	SATUN	TOTAL			SUBSTATION	BANG LANG	HAT YAI 1 & 2	NARATHI WAT	PHATTHALUNG	SADAO	SONG KHLA	YALA	PATTANI	SATUN		TOTAL

6.5 25.0 50.0 50.0 50.0 50.0 25.0 25.0 4.0 1.0 4.0 2.0 25.0 25.0 50.0 5.0 x 12.5 672.1 2000 16 25 32 × X X × X X XX Å XX R M × XX я M XX 'N <u>è</u>l <u>e</u> = (n) ==1 m Q 2 m 0.0 1 -2 ¢4 -50.0 50.0 25.0 25.0 6.5 25.0 2.0 2.0 50.0 1.0 25.0 25.0 50.0 õ Q 5.0 00 Ś (WVA) 672.1 ສີ 4 3.2 5 66 33 16 52 XX × XX × × XX × × ×× × х х × × м ж '× × -TINU 2 N بنبو ومتي m -÷ mi , en 20 -N 2 -+ 50.0 50.0 50.0 25.0 25.0 4.0 1.0 4.0 25.0 12.5 25.0 5.0 25.0 00 1 x 50.0 x 25.0 0.00 4 3.2 ~ 0 672. 16 25 ä XX N N × х к М N N × M × ห ่ห × × × х х ~ ------1 **m** -+ M N 2 ----~ N - -2 2 ~~1 -----NN 25.0 25.0 2.0 2.0 50.0 25.0 6.5 25.0 1.0 4.0 25.0 12.5 5.0 25.0 50.0 50.0 00 672.1 25. 16 25 33 1997 K K m~ X <u>н</u>н × × X × Ň XX × . N N ×× × × XX -20 10 N <u>π</u> e i M N ~ 25.0 25.0 50.0 50.0 50.0 25.0 25.0 2.0 1.0 4.0 2.0 25.0 12.5 5.0 00 50.0 ----ខ្លួន 672. 16 3 32 1 × X X ~~~~ ×× ×× × × х XX × × XX XX × м × × [<u>2</u>] m ---M N ~4 ÷, -~ 2 NN 3 -25.0 12.5 5.0 50.0 50.0 50.0 50.0 25.0 6.5 5.0 4.0 2.0 1.0 4.0 2.0 25.0 25.0 00 652.1 50. 1995 25 33 16 × × × × Ħ ж XX × × × × XX × × XX XX × × ~ <u></u> -20 à m e 🖶 -1 -~ ÷ and and x 25.0 50.0 25.0 25.0 50.0 5.0 50.0 25.0 5.0 25.0 4.0 1.0 4.0 2.0 ŝ 50.0 25.0 -12. 652. 16 25 32 х × ×× × XX × XX хx × N × XX × × XX 25.0 I PLAN OF REGION NI e, ~1 10 , in the second s NN -2 às -i 2 5.0 50.0 25.0 25.0 16.7 12.5 50.0 50.0 25.0 25.0 6.5 5.0 4.0 1.0 2.0 50.0 25.0 4.0 x 50.0 618.8 16 25 32 993 × **x** x × XX × X X × × ×× Χ XX × хX × × 4 - ~ - N Ċ, Ň (7) ----20 N 12.5 5.0 25.0 2.0 1.0 4.0 2.0 25.0 25.0 6.5 50.0 50.0 25.0 50.0 50.0 50.0 25.0 x: 25.0 618.8 1992 25 32 16 × × XX ×х × × хх × × × .~. хх ¥. × XX хх **EXPANSION** - 0 ~1 2 -----**ल** − <u>in</u> -- ~ Ň e de la com NN 25.0 5.0 25.0 16.7 12.5 25.0 4.0 4.0 2.0 50.0 25.0 5.0 1.0 50.0 50.0 25.0 50.0 x 50.0 25.0 I × 25.0 œ 618. 16 25 32 1661 ľ x ×× × × ×× × XX × × ×× ХX × × хх ----3 SUBSTATION à 1 N -- N **,**...., ÷ 2 3 -**N** N 4.0 0.8 25.0 16.7 12.5 5.0 25.0 4.0 50.0 25.0 1.0 50.0 50.0 25.0 5.0 50.0 25.0 à x 50.0 618.1 1990 16 33 32 × × XX × ×× XX × × × × XX × XX × XX m 2 à N ~ 1 0 **м** н 2 2 3 -25.0 5,0 25.0 16.7 12.5 25.0 2.0 0.1 4.0 2.0 5.0 25.0 50.0 50.0 50.0 25.0 13.3 25.0 492.0 33 16 24 1989 X 2 X 7 X 7 X ×× ×х × × × 2 X × 50.0 1 x XX × х× × XX - 0 ----~ . , **~** ~ ----N m 12.5 5.0 25.0 0.0 8.0 25.0 25.0 5.0 25.0 4 O 2 O 1.0 4.0 × 50.0 50.0 25.0 492.0 13.3 25.0 33 16 24 × × ×× X X M M Ń. хx × × ¥ × K K XX × × ×× 2 2 2 2 **m** – 20 -5.0 25.0 2.0 25.0 16.7 2.5 2.0 25.0 25.0 1.0 4.0 25.0 50.0 25.0 6.5 5.0 422.0 1 × 50.0 I x 13.3 25.0 16 33 24 1987 × × XX × ×х x ښر XX × × × ×× × XX ×× 3 3 •--1 1 2 N -èn – 2 N M 4.0 2.0 25.0 16.7 2.5 4.0 1.0 5.0 25.0 13.3 50.0 13.3 310.8 25.0 6.5 3.3 14 22 ŝ 1986 ×х XX × × хx × XX × × × × ΧХ × XX 2 ~ ~4 (N - 2 **m** – _ 2 N m TRANSFORMERS SUBSTATIONS SON Ċ. ŝ SUBSTATION (MVA) 2 CHOM THONG 2 SARING , --- i MAI CHLANG MAI RAI MAI BANKS 2 MHAO. NGAT PANG BONG LAM PANG 6. LANGRUN 5. LAMPHUN CHIANG PHAYAO CHIANG CHIANG THOEN CAPACITY MAE FANG LAM J MAE MAE OF MAE 0F 14. Ś NO 9 20 ... 2. œ. . 11. 13. ю. m 2 4 4 202

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GF

NO.

WINEX 5-1-

(NNIT: MVA)

SUBSTATION EXPANSION PLAN OF REGION N2

ANNEX 5-1-2

	2000	x 2.5	x 40.0 x 25.0	x 25.0	x 25.0	x 40.0 x 25.0	x 25.0	x 25.0	x 12.5	x 25.0	x 25.0 x 12.5	x 50.0 x 25.0	x 25.0	x 25.0	532.5	13	21	21
Ì	1999	x 2.5	x 40.0 1 x 25.0 1	x 25.0 1	x 25.0 2	x 40.0 1 x 25.0 1	x 25.0 2	x 25.0 2	x 12.5 1	x 25.0 2	x 25.0 1 x 12.5 4	x 50.0 1 x 25.0 1	x 25.0 1	× 25.0 1	532.5	13	21	21
	1998 1	x 2.5	x 40.01 x 25.01	x 25.0 1	x 25.0 2	x 40.0 1 x 25.0 1	x 25.0 2	x 25.0 2	x 12.5 1	x 25.0 2	x 25.0 1 x 12.5 1	x 50.0 1 x 25.0 1	× 25.0 1	1 x 25 0 1	532.5	13	21	21
	1 2 6 6 1	x 2.5	x 40.0 1 x 25.0 1	x 25.0 1	x 25.0 2	x 40.0 1 x 25.0 1	x 25.0 2	25.0 2	L × 12.5 1	2 x 25.0 2	L x 25.0 1 L x 12.5 1	1 × 50.0 1 1 × 25.0 1	1 × 25.0 1	1 x 25.0	532.5	13	21	21
	1996	1 x 2.5	I x 40.0 I I x 25.0 I	1 x 25.0 1	2×25.0 2	1 x 40.0 1 1 x 25.0 1	2 x 25.0 2	2 x 25.0 2	1 × 5.0 1	2 × 25.0	1 x 25.0	1 × 50.0	I × 25.0	1 x 25.0	525.0	EL.	21	21
	1995	1 x 2.5	1 x 40.0 1 1 x 25.0 1	1 × 25.0 1	2 × 25.0	I x 40.0	2 x 25.0	2 x 25.0	1 × 5.0	2 x 25.0	1 x 25.0 1 x 12.5	1 x 50.0 1 x 25.0	1 x 25.0	1 x 25.0	525.0	13	21	21
	1994	1 x 2.5	1 x 40.0	1 x 25.0	2 × 25.0	1 x 40.0 1 x 25.0	2 × 25.0	2 × 25.0	1 × 5.0	2 x 25.0	1 x 25.0 1 x 12.5	1 x 50.0	1 × 25.0	1 x 25.0	525.0	13	21	21
	1993	l x 2.5	1 x 40.0 1 x 25.0	1 x 25.0	2 x 25.0	I x 40.0 1 x 25.0	2 x 25.0	L I 12.5	1 x 5.0	2 x 25.0	1 x 25.0 1 x 12.5	1 x 50.0 1 x 25.0	1 x 25.0	1 x 25.0	487.5	13	20	20
	1992	l x 2.5	1 x 40.0 1 x 25.0	1 x 25.0	2 x 25.0	1 x 40.0 1 x 25.0	2 x 25.0	1 x 12.5	1 x 5.0	2 x 25.0	I x 25.0 I x 12.5	1 × 50.0 1 × 25.0	1 × 25,0	1 x 25.0	5 * 187	13	20	20
	1991	l x 2.5	1 x 40.0 1 x 25.0	1 x 25.0	2 × 25.0	l x 40.0 l x 25.0	2 x 25.0	1 x 12.5	I x 5.0	2 x 25.0	1 x 25.0 1 x 12.5	I x 50.0 I x 25.0	1 × 25.0	1 x 25.0	487.5	13	20	20
	1990	1 x 2.5	1 x 40.0 1 x 25.0	1 × 25.0	2 × 25.0	I x 40.0 1 x 25.0	2 x 25.0	l x 12.5	1 × 5.0	2 x 25.0	1 x 25.0 1 x 12.5	1 x 50.0 1 x 25.0	1 x 25 0		452.5	12	19	19
	1989	1 x 2.5	2 × 12.5	1 × 25.0	2 x 25.0	1 x 40.0 1 x 25.0	2 x 25.0	I × 12.5	1 × 5.0	2 x 25.0	1 × 25.0 1 × 12.5	1 × 50.0 1 × 25.0			397.5	11	17	18
	1988	1 x 2.5	2 x 12.5	I x 25.0	2 x 25.0	1 x 40.0 1 x 25.0	2 x 25.0	1 × 12.5	1 × 5.0	2 x 25.0	l x 25.0 l x 12.5	1 x 50.0 1 x 25.0			397.5	11	17	18
	1987	1 x 2.5	2 x 12.5	I x 25.0	2 x 25.0	1×40.0 1×25.0	2 x 25.0	l x 12.5	I x 5.0	1 x 25.0	1 x 25.0 1 x 12.5	1 x 25.0			322.5	11	15	16
	1986	1 x 2.5	2 x 12.5	1 × 4.0	2 x 25.0	1 x 25.0	2 × 25.0	1 x 12.5	I x 5.0	1 x 25.0	1 × 12.5	1 x 25.0			236.5	11	13	14
·	NO. SUBSTATION NAME	1. BHUMIBOL	2. KAMPHAENG PHET	3. NAN	4. PHARE	5. PHICHIT	6. PHITSANULOK 1	7. PHITSANULOK 2	8. SIRIKIT	9. SUKBO THAI	10. TAK	11. UTTARADIT	12. SAWAN KHALOK	13. MAE SOT	CAPACITY (MVA)	NO. OF SUBSTATIONS	NO. OF BANKS	NO. OF TRANSFORMERS

	• •					•					1					
ANNEX 5-1-3					CIIR ST 6TT ON	SWAGVU NO	NA 10 MOI	MULJAG SU NV IG NULSNYGAA	C M			· .				je je s
	1) - 5 5	TTUTCADO	CULTURE NO	NIT TON	NOT VENTON	2				5	(UNIT: MVA)		11 1 /
NO. SUBSTATION NAME	1986	1987	1988	1989	1 0661	1991	1992 1	1993	1 9661	1995	9661	1997	1998	1 1999	2000	
1. LOP BURI 1	1 x 25.0 2 x 6.25	25.0	3 x 25.0	3 x 25.0	0	0	3 x 25.0	3 x 25.0	3 x 25.0	м м	<u></u>	3 x 25.0				
2. LOP BURI 2	1 × 25.0	1 x 25.0	1 x 25.0	1 x 25.0	1 x 25.0	l x 25.0	1 x 25.0	1 x 25.0	1 x 25.0	1 x 25.0	1 x 25.0	1 x 25.0	1 x 25.0	1 x 25.0	1. x. 250	, i
3. MANOROM	2 x 12.5	1 x 12.5 1 x 25.0	2 × 40.0	2 × 40.0	2 x 40.0	2 x 40.0	2 x 40.0	2 × 40.0	2 × 40.0	2 x 40.0	2 x 40.0					
4. NAKHON SAWAN	2 x 40.0	2 x 40.0 2	× 40.0	2 x 40.0 2	x 40.0	2 × 40.0	2 x 40.0	2 x 40.0	2 x 40.0	2 × 40.0	2 x 40.0	2 x 40.0	2 × 40.0	2 x 40.0	2 x 40.0	
5. PHECHABUN	1 x 25.0	1 x 25.0	1 × 25.0	1 × 25.0	1 × 25.0	1 × 25.0	L x 25.0	1 × 25.0	l x 25.0	1 x 25.0	1 x 25.0	I x 25.0	1 × 25.0	1 x 25.0	1 x 25.0	
6. SING BURI	1 x 25.0	1 x 25.0	1 x 25.0	1 x 25.0	1 x 25.0	I x 25.0	1 x 25.0	1 x 25.0	1 x 25.0	1 × 25.0	5					
7. TAXHLI 2	I x 6.25	1 x 25.0	1 x 25.0	1 × 25.0	1 x 25.0	1 x 25.0	I × 25.0	1 x 25.0	1 x 25.0	1 x 25.0	I x 25.0	I x 25.0	1 x 25.0	1 x 25.0	1 x 25.0	
8. LOMSAK		1 x 25.0	1 x 25.0	1 x 25.0	1 x 25.0	I x 25.0	I x 25.0	1 x 25.0	1 × 25.0	l x 25.0	I x 25.0	1 x 25.0	1 x 25.0	1 x 25.0	1 x 25.0	
9. CHAI BADAN		1 × 25.0	1 x 25.0	1 x 25.0	1 x 25.0	1 x 25.0	I x 25.0	I x 25.0	1 x 25.0	l x 25.0	I x 25.0	1 x 25.0	I x 25.0	1 x 25.0	1 x 25.0	
10. THATAKO				1 x 25.0	1 x 25.0	I x 25.0	1 x 25.0	1 × 25.0	1 x 25.0	l x 25.0	1 x 25.0	1 x 25.0	1 x 25.0	I x 25.0	1 x 25.0	
11. SALOKBAT				L × 25.0	1 x 25.0	1 × 25.0	I x 25.0	1 × 25.0	1 x 25.0	1 x 25.0	1 x 25.0	1 x 25.0	1 x 25.0	1 x 25.0	1 x 25.0	
12. BANG MUN NAK					1 x 25.0	1 × 25.0	1 x 25.0	1 x 25.0	1 x 25.0	1 × 25.0	1 x 25.0	1 x 25.0	1 x 25.0	1 x 25.0	I x 25.0	
CAFACITY (WA)	223.75	305.00	305.00	355.00	380.00	417.50	460.00	460.00	460.00	460.00	460.00	460.00	460.00	460.00	460.00	
NO. OF SUBSTATIONS	2	6	6	11	12	12	12	12	12	12	12	12	12	12	12	
NO. OF BANKS	6	12	12	14	15	16	16	16	16	16	. 16	16	16	16	16	
NO. OF TRANSFORMERS	11	13	13	15	16	16	16	16	16	16	16	16	16	16	16	

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A 5-3

(NUIT: MVA)

SUBSTATION EXPANSION PLAN OF REGION NEL

ANNEX 5-1-4

2		12.0	25.0	25.0	25.0	6.25	31.5	13.0	25.0	25.0	50.0	40.0	25.0	25.0	25.0	55	5	4	9
2023	0 0 X X X 0	2 × 2	х x — —	×	X 7	ж г-1	× × – –	2 K	x N	к 1	×	2 X	0 1 ×	0 2 x	0 T ×	644.	-	с і	2
	2 x 6.25 1 x 13.3 1 x 25.0	2 x 25.0	I x 25.0 1 x 50.0	1 x 25.0	2 x 25.0	1 x 6.25	1 x 31.5	2 × 13.0	2 x 25.0	1 x 25.0	1 × 50.0	2 x 40.0	1 x 25.(2 x 25.(1 x 25.(644.55	15	24	26
2/1	x 6.25 x 13.3 x 25.0	2 x 25.0	1 x 25.0 1 x 50.0	1 x 25.0	1 x 12.5 1 x 25.0	1 x 3.6	1 x 31.5 1 x 25.0	2 × 13.0	2 x 25.0	1 × 25.0	1 × 50.0	2 × 40.0	1 x 25.0	2 x 25.0	1 x 25.0	629.40	15	24	26
	x 6.25 2 x 13.3 1 x 25.0 1	× 25.0	x 25.0 x 50.0	x 25.0	x 12.5 x 25.0	x 3.6	1 x 31.5 1 x 25.0	2 × 13.0	2 x 25.0	ł x 25.0	I × 50.0	2 x 40.0	1 x 25.0	2 x 25.0	L x 25.0	629.40	13	24	26
	x 6.25 2 x 13.3 1 x 25.0 1	x 25.0 2	x 25.0 1 x 50.0 1	x 25.0 1	x 12.5 1 x 25.0 1	1 x 3.6 1	1 x 31.5 1 1 x 25.0	2 × 13.0	2 x 25.0	1 × 25.0	1 × 50.0	2 x 40.0	1 x 25.0	1 × 25.0	1 x 25.0	604.40	13	23	25
	x 6.25 2 x 13.3 1 x 25.0 1	x 25.0 2	: x 25.0 1	1 x 25.0 1	1 x 12.5 1 1 x 25.0 1	1 x 3.6	1 x 31.5 1 1 x 25.0	2 × 13.0	1 x 25.0	1 x 25.0	1 × 50.0	2 x 40.0	1 x 25.0	1 x 25.0	1 × 25.0	554.40	15	22	24
	x 6.25 2 x 13.3 1 1	x 25.0 2	× 25.0 2	x 25.0	x 12.5 x 25.0	x 3.6	1 x 31.5	2 x 13.0	1 × 25.0	1 x 25.0	l × 31.5	1 x 25.0 1 x 40.0	1 x 25.0	1 x 25.0	1 x 25.0	502.15	15	21	24
	x 6.25 3 x 13.3 1	x 25.0 2	x 25.0 2	x 25.0 1	x 12.5 1 x 25.0 1	x 3.6 1	x 31.5 x 25.0	× 13.0	1 × 25.0	x 25.0	1 × 31.5	1 x 25.0	1 × 25.0	1 × 25.0	1 x 25.0	502.15	15	21	24
	x 6.25 3 x 13.3 1	x 25.0 2	x 25.0 2	x 25.0 1	x 12.5 1 x 25.0 1	x 3.6 1	x 31.5 1 x 25.0 1	× 13.0 2	× 25.0	I x 25.0 1	I × 31.5	1 x 25.0	1 × 25.0	l ¥ 25.0	1 × 25.0	502.15	15	21	24
	x 6.25 3 x 13.3 1	x 25.0 2	x 25.0 2	x 12.5 1	x 12.5 1 x 25.0 1	x 3.6 1	x 31.5 1 x 25.0 1	x 13.0 2	x 25.0 I	x 25.0	x 31.5	× 25.0	x 25.0	1 × 25.0	1 x 25.0	474.65	15	21	24
	x 6.25 3 x 13.3 1	x 25.0 2	x 25.0 2	x 12.5 1	x 12.5 1 x 25.0 1	x 3.6 1	x 31.5 1 x 25.0 1	x 13.0 2	x 25.0 1	x 25.0 1	x 31.5 1	2 x 25.0 2	1 x 25.0 1	1 × 25.0	1 x 25.0	474.65	15	21	24
	x 6.25 3 x 13.3 1	x 25.0 2	x 25.0 2	x 12.5 1	x 12.5 1 x 25.0 1	x 3.6 1	x 31.5 1 x 25.0 1	x 13.0 2	x 25.0 1	x 25.0 1	x 31.5	x 25.0	x 25.0	x 25.0	1 x 25.0	474.65	15	21	24
	x 6.25 3 x 13.3 1	x 25.0 2	x 25.0 2	x 12.5	x 12.5 1 x 25.0 1	x 3.6 1	x 31.5	x 13.0 2	1 x 25.0 1	x 25.0 1	x 31.5 1	x 25.0 2	x 25.0 1	× 25.0 1		399.65	14	18	21
	x 6.25 3 x 13.3 1	× 25.0 2	x 25.0 1	× 12.5 1	x 12.5 1 x 25.0 1	x 3.6 1	1 × 31.5 1	2 x 13.0 2	x 25.0	1 x 6.3 1	1 × 31.5	2 x 25.0 2	1 x 25.0 1	1 x 25.0 1		380.95	14	18	21
	3 x 6.25 3	2 x 25.0 2	1 x 25.0 1	1 x 12.5 1	1 x 12.5 1	1 x 3.6 1	1 x 31.5 1	2 x 13.0 2	1 x 25.0 1	1 × 6.3 1	1 x 31.5	2 x 25.0 2	-			292.65	12	14	17
	1. CHUM PHAE	2. KHON KHAEN 1 2	3. LOEI	4. NAKHON PHANOM 1	5. NAM PHONG	6. NAM PHUNG	7. NONG KHAI	8. PHANG KHON	9. SAKON NAKHON	10. THAT PHANOM	11. UDON THANI 1	12. UDON TBANI 2. 2	13. BUNG KAN	14. KHON KHAEN 2	15. BAN PHAI	CAPACITY (MVA)	NO. OF SUBSTATIONS	NO. OF BANKS	NO. OF TRANSFORMERS

(MNIT: MVA)

SUBSTATION EXPANSION PLAN OF REGION NE2

ANNEX 5-1-5

25.0 25.0 25.0 25.0 12.5 x 25.0 31.5 x 12.5 25.0 25.0 593.0 2000 ő 21 21 25.0 I x 40.0 I x н. н × × ่ ∺ี่ ผ <u>к</u> к × × x 25.0 1 x 40.0 1 rel m -'n -2 6 -Ń x 25.0 x 25.0 12.5 12.5 31 5 25.0 x 25.0 25.0 593.0 666 10 21 23 x 31.5 2 x x 50.0 2 x × × – – XX × × × x 25.0 1 3 ÷ 3 x 25.0 3 x 25.0 3 n e-și x 25.0 2 25.01 6.0 x 25.0 x 25.0 12.5 x 25.0 571.5 1998 2 21 21 12.5 1 x 25.0 1 x × × 2 x 25.0 2 25.0 1 x 25.0 1 x 25.0 1 25.0 3 -20 x 25.0 2 . . 6.0 25.0 31.5 25.0 556.5 1997 0 2.4 21 × X X m m X X N N × × × ŝ, ŝ N -25.0 25.0 25.0 6.0 31 5 25.0 25.03 x 25.0 25.0 12.5 I x 12.5 25.0 I x 25.0 556.5 966 I 10 23 23 K N × 7 X X N N × 2 x 25.0 3 x 25.0 3 x 2 x 25.0 2 x 25.0 2 x × -6.0 25.0 2 x 31.5 25.0 25.0 556.5 1995 30 2121. × × x 13.0 1 x 13.0 1 x 13.0 1 x 13.0 1 x 25.0 1 x 25.0 1 x × м м × × [2 6.0 1 ņ 2 -2 x 31.5 2 x 50.0 1 x 25.0 2 x 10.0 25.0 25.0 1 x 12.5 1 x 12.5 1 x 25.0 1 x 25.0 2 x 25.0 501:5 1994 10 19 20 1 x M 25.0 1 × 2 6.0 1 x 25.0 2 x 10.0 31.5 25.0 25.0 25.0 2 x 25.0 1993 501.5 10 19 20 X X N N × × × × × Ņ 0 -2 -25.0 25.0 25.0 25.0 25.0 6.0 12.5 1 x 25.0 1 x 25.0 2 x 10.0 2 x 10.0 31.5 2 x 31.5 50.0 2 x 50.0 489.5 1992 10 61 20 12.5 1 x 25.0 1 x 2 x 25.0 2 x × N × × × × 25.0 1 ŝ 2 25.0 6.0 25.0 x 25.0 489.5 1991 0 6 20 ж ж н н X X 70 70 25.0 2 x × × × ÷ ~ ^N 2 25.0 12.5 25.0 25.0 31.5 25.0 6.0 2 x 25.0 489.5 1990 01 61 20 × X X 7 4 х х — — × × 7 0 2 X × × × -2 3 <u>_</u> 25.0 25.0 25.0 31.5 6.0 25.0 2 x 25.0 2 x 25.0 L x 12.5 439.5 989 ð 18 17 × X X 70 1-1 × × XX × 20 10 2 è è 1 x 13.0 1 6.0 25.0 25.0 25.0 x 25.0 x 12.5 2 x 31.5 314.5 988 6 14 2 × × ~ ~ × × × 2 ~ **....** ----31.5 25.0 x 13.0 6.0 25.0 10.0 25.0 x 25.0 x 12.5 x 25.0 289.5 σ 2 14 1987 XX × × × × x 13.0 1 N *** 2 2 2 ----25.0 25.0 x 25.0 00 x 25.0 x: 12:5 2 x 31.5 25.0 289.5 σ 13 14 1986 X X M M × × × 2 2 SUBSTATION NAME UBON RATCHATHANI TRANSFORMERS SUBSTATIONS CHARDEN 2. MAHA SARAKHAM CAPACITY (MVA) BANKS SIRINDHON VASOTHON 3. MUKDAHAN SISAKET KALASIN AMNAT SOMDET 4. ROIET QF Q 0E OF NO. ő NO. ŝ ດ້ NO. ŝ ~ NO _

A 5-5

(UNIT: NVA)

NE3

NO.	l										·					
	SUBSTATION NAME	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
	. BURI RAM	2 x 12.5	2 x 12.5	2 x 12.5	1 x 25.0 1 x 40.0	l x 25.0 l x 40.0	1 x 25.0 1 x 40.0	1 x 25.0 1 x 40.0	1 × 25.0 1 1 × 40.0 1	x 25.0 1 x 40.0 1	x 25.0 x 40.0	1 x 25.0 1 x 40.0	1 x 25.0 1 x 40.0	1 x 25.0 1 x 40.0	1 × 25.0 1 × 40.0	1 x 25.0 1 x 40.0
2.	CHAIYA DHUM	2 × 13.0	2 x 13.0	2 x 13.0	2 x 13.0	2 × 13.0	2 × 13.0	2 × 13.0	2 x 25.0 2	x 25.0	2 x 25.0	2 x 25.0	2 × 25.0	2 × 25.0	2 x 25.0	2 x 25.0
m	3. NAKHON RACHASIMA 1	2 x 31.5	2 x 31.5	2 x 31.5	2 x 31.5 1 x 50.0	2 x 31.5 1 x 50.0	2 x 31.5 1 x 50.0	2 x 31.5 1 x 50.0	2 x 31.5 1 x 50.0	2 x 31.5	2 x 31.5 1 x 50.0					
4	4. NAKHON RACHASIMA 2	1 x 25.0	1 x 25.0 1 x 50.0	1 x 25.0 1 x 50.0	1 x 25.0	1 x 25.0 1 x 50.0	1 x 25.0 1 x 50.6	I x 25.0 I x 50.0	1 x 25.0	1 x 25.0	1 x 25.0 1 x 50.0	1 × 25.0 1 × 50.0	I x 25.0 I x 50.0			
<u> </u>	5. PAK CHONG	1 × 25.0	1 x 25.0	1 × 25.0	2 x 25.0	2 x 25.0	2 × 25.0	2 x 25.0	2 × 25.0	2 × 25.0	2 × 25.0	2 x 25.0	2 × 25.0	2 x 25.0	2 x 25.0	2 x 25.0
°.	6. PHON	1 x 25.0	1 x 25.0	1 x 25.0) 1 × 25.0 1	1 × 25.0	1 × 25.0	2 x 25.0	2 x 25.0	2 x 25.0	2 x 25.0	2 x 25.0	2 x 25.0	2 × 25.0	2 x 25.0	2 x 25.0
-	7. SHIKHIU	1 x 31.5	1 x 31.5	l x 31.5	i 1 × 31.5	1 x 31.5	1 × 31.5	1 x 31.5	1 × 31.5	I × 50.0	1 × 50.0	1 × 50.0	1 × 50.0	1 x 50.0	1 × 50.0	1 x 50.0
	8. SURIN	2 x 25.0	2 x 25.0	2 x 25.0	2 × 25.0	2 x 25.0	2 x 25.0	2 x 25.0	2 × 25.0	2 x 25.0	2 x 25.0	2 x 25.0	2 x 25.0	2 x 25.0	2 x 25.0	2 x 25.0
9	. PHIMAI				1 x 25.0	1 x 25.0	1 × 25.0	1 x 25.0	1 × 25.0	1 × 25.0	1 × 25.0	I x 25.0	1 x 25.0	1 x 25.0	1 x 25.0	1 x 25.0
10	. PRAKHONCHAI			and a second	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1 x 25.0	l x 25.0	l x 25.0	1 x 25.0	1 x 25.0	I x 25.0	1 x 25.0	1 x 25.0	1 x 25.0	1 × 25.0	T x 25.0
S	CAPACITY (NVA)	270.5	320.5	320.5	460.5	485.5	485.5	510.5	534.5	553.0	553.0	553.0	553.0	553.0	553.0	553.0
NO.	. OF SUBSTATIONS	8	8	8	6	10	10	10	10	IO	10	10	10	10	10	10
NO). OF BANKS	10	11	11	15	16	91	17	18	18	18	18	18	18	18	18
NO.). OF TRANSFORMERS	12	13	13	16	17	11	18	81	18	18	18	18	881	18	18
j																
			and a state of the s													
•						.		· ·				•				
1			•											:		• • • •

ANNEX 5-1-7

SUBSTATION EXPANSION PLAN OF REGION CI

(NNIT: MVA)

SUBSTATION EXPANSION PLAN OF REGION C2

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ANNEX 5-1-8

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				$f_{\rm eff} = 0.01$	1		1. FB		e jir	et y			ata Alakaran		:		•	, ¹ .	• •
2000	1 × 40.0	1 x 25.0 1 x 40.0	3 x 40.0	1 x 40.0 2 x 25.0	2 x 40.0	2 x 40.0	1 × 40.0	3 × 40.0	1 x 25.0	3 x 40.0	2 x 25.0	1 x 40.0	1 x 25.0	1 x 40.0		935.0	14	26	26
1999	1 x 40.0	I x 25.0	0 07 X E	1 x 40.0 2 x 25.0	2 × 40.0	2 × 40.0	1 × 40.0	3 x 40.0	1 × 25.0	3 × 40.0	2 x 25.0	I × 40.0	1 × 25.0	1 × 40.0		935.0	14	26	26
1998	1 × 40.0	1 x 25.0 1 x 40.0	3 × 40.0	1 x 40.0 2 x 25.0	2 x 40.0	2 x 40.0	1 x 40.0	3 x 40.0	1 x 25.0	3 × 40.0	2 x 25.0	1 × 40.0	1 x 25.0	1 × 40.0		935.0	14	26	26
1997	1 x 40.0	1 × 25.0 1 × 40.0	3 x 40.0	1 x 40.0 2 x 25.0	2 × 40.0	2 × 40.0	1 × 25.0	3 × 40.0	1 × 25.0	3 × 40.0	2 x 25.0	1 × 40.0	1 x 25.0	1 × 40.0		920.0	14	26	26
1996	1 x 40.0	1 x 25.0 1 x 40.0	3 x 40.0	1 x 40.0 2 x 25.0	2 × 40.0	2 × 40.0	1 × 25.0	2 x 25.0 1 x 40.0	1 × 25.0	3 × 40.0	1 x 12.5	1 × 40.0	1 x 25.0	1 x 40.0		877.5	14	26	26
1995	1 x 40.0	1 × 25.0 1 × 40.0	2 x 25.0 1 x 40.0	1 x 40.0 2 x 25.0	2 × 40.0	2 × 40.0	1 x 25.0	2 x 25.0 1 x 40.0	1 × 25.0	3 × 40.0	1 x 12.5 1 x 25.0	1 × 25.0	1 × 25.0	0 07 × 10 0		832.5	14	26	26
1994	I x 40.0	1 × 25.0	2 x 25.0 1 x 40.0	1 × 40.0 2 × 25.0	2 × 40.0	2 × 40.0	x 25.0	2 x 25.0	1 × 25.0	3 × 40.0	1 x 12.5 1 x 25.0) 1 × 25.0) 1 × 25.0	0 I × 25.0		817.5	14	26	26
1993	1 x 40.0	1 x 25.0 1 x 40.0	2 x 25.0 1 x 40.0	1 x 40.0 2 x 25.0	2 x 25.0	2 × 40.0	1 × 25.0	2 x 25.0 1 x 40.0	1 x 25.0	3 × 40.0	x 12.5) I × 25.0) 1 × 25.0) I × 25.0		787.5	14	26	26
1992	1 x 40.0	1 x 25.0 1 x 40.0	2 x 25.0 1 x 40.0	1 x 40.0 2 x 25.0	2 x 25.0	2 x 25.0	I × 25.0	2 × 25.0 1 × 40.0	1 × 25.0	3 × 40.0	1 × 12.5	1 × 25.0	1 × 25.0	1 x 25.0		757.5	14	26	26
1991	1 × 40.0	1 x 25.0 1 x 40.0	2 x 25.0 1 x 40.0	1 × 40.0 2 × 25.0	2 × 25.0	2 x 25.0	1 × 25.0	2 × 25.0 1 × 40.0	1 × 25.0	3 × 40.0	2 x 12.5 1 x 25.0	I × 25.0	1 × 25.0	1 x 25.0		757.5	14	26	26
1990	I × 40.0	1 x 25.0 1 x 40.0	2 x 25.0 I x 40.0	1 x 40.0 2 x 25.0	2 x 25.0	2 × 25.0	1 × 25.0	$\begin{bmatrix} 2 \times 25.0 \\ 1 \times 40.0 \end{bmatrix}$	1 x 25.0	3 x 40.0	1 x 12.5 1 x 25.0	1 x 25.0	1 x 25.0			732.5	13	25	25
1989	ł x 40.0	1 x 25.0 1 x 40.0	2 x 25.0 1 x 40.0	1 x 40.0 2 x 25.0	2 x 25.0	2 x 25.0	1 × 25.0	2 x 25.0 1 x 40.0	I x 25.0	3 x 40.0	1 x 12.5 1 x 25.0	1 × 25.0				707.5	12	24	24
1983	1 x 40.0	1 × 25.0 1 × 40.0	2 x 25.0 1 x 40.0	1 x 40.0 1 2 x 25.0 2	2 × 25.0	2 × 25.0	1 x 25.0	2 × 25.0	1 × 25.0	3 × 40.0	2 x 12.5	1 × 25.0				655.0	12	22	23
1987	I x 40.0	1 × 25.0	2 x 25.0 1 x 40.0	1 × 40.0 2 × 25.0	2 x 25.0	2 x 25.0	1 x 25.0	2 x 25.0	1 x 25.0	3 × 40.0	2 x 12.5	1 × 25.0				615.0	12	21	22
1986	I x 40.0	l x 25.0	2 x 25.0	1 x 40.0 2 x 25.0	2 × 25.0	2 x 25.0	l x 25.0	2 × 25.0	1 × 25.0	2 x 40.0	2 × 12.5					510.0	11	18	19
SUBSTATION NAME		9	MUNG	IRI	NGSAO	BURI		, and a second sec	2	3	lA		PHANOM SARAKHAM	ILKBOM		(AV)	SUBSTATIONS	S	TRANSFORMERS
	. AO PHAI	. BAN BUNG	. BANG LAMUNG	. CHON BURI	. CHACHOENGSAO	6. CHANTHABURI	. KLAENG	. RAYONG	9. RAYONG	RAYONG	. SRIRACHA	. TRAT		PHANUTNIKBOM		CAPACITY (MVA)	OF	. OF BANKS	30
g		2.	'n	4.	ير. الم	9	7.	ໝ່	6	10.	11.	12.	13.	14.		Ϋ́ς C	NO.	NO.	NO.

A 5-8

(DNIT: MVA)

SUBSTATION EXPANSION FLAN OF REGION C3

ANNEX 5-1-9

ANNEX 5-1-10

SUBSTATION EXPANSION PLAN OF REGION SI

	ANNEX 5-1-10					SUBSTATION	ON EXPANSION	PLAN	OF REGION	S1				: LINN)	(T: MVA)	
								- -							1	
2	SUBSTATION NAME	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	16661	2000
	CHA AM	2 × 25.0	2 x 25.0	2 x 25.0	2 x 25.0	2 x 25.0 2	x 25.0	2 × 25.0	2 x 25.0	2 x 25.0 2	× 25.0 2	x 25.0 2	x 25.0	2 x 25.0 2	2 x 25.0	x 25.0
2.	CHUM PHON	1 × 25.0	I × 25.0	1 × 25.0	1 x 25.0	1 × 25.0	1 × 25.0	i x 25.0	1 × 25.0	1 × 25.0 1	x 25.0 1	x 25.0 1	x 25.0 1	x 25.0	1 × 25.0 1	x 25.0
e.	PHETCHA BURI	2 x 12.5	2 × 12.5	2 × 12.5	2 × 12.5	2 × 25.0	2 × 25.0	2 × 25.0	2 × 25.0	2 × 25.0	2 x 25.0 2	: x 25.0 2	x 25.0	2 x 25.0	2 x 25.0 2	x 25.0
4.	PRACHOAPKHIRI KHAN	1 × 25.0 1	1 x 25.0 1	1 x 25.0 1	x 25.0	1 x 25.0	1 × 25,0	1 x 25.0	1 × 25.0	1 ± 25.0 1	x 25.0	1 x 25.0 1	x 25.0	1 × 25.0 1	1 × 25.0 1	x 25.0
· 'S	PRAN BURI	1 × 25.0	1 x 25.0 1 x	25.0	1 × 25.0 1 ×	25.0	1 x 25.0	1 x 25.0	1 x 25.0	1 × 25.0	1 x 25.0 1	x 25.0 1	x 25.0	1 × 25.0	1 x 25.0 1	x 25.0
ė	RANONG	I x 25.0	1 x 25.0 1	1 × 25.0	1 × 25.0	1 × 25.0 1	1 × 25.0	1 x 25.0	1 × 25.0	1 x 25.0	1 × 25.0	1 × 25.0	1 × 25.0	1 × 25.0	1 × 25.0 1	1 x 25.0
7.	RATCHABURI 1	2 × 12.5	2 x 12.5	2 x 12.5	2 x 12.5	2 × 12.5	2 × 12.5	2 × 12.5	2 x 12.5	1 × 12.5	1 × 12.5 1 1 × 25.0	1 x 12.5 1 1 x 25.0 1	1 x 12.5 1 x 25.0	1 x 12.5 1 x 25.0	1 x 12.5 1 1 x 25.0 1	1 x 12.5 1 x 25.0
œ	RATCHABURI 2	1 x 25.0	1 x 25.0 1	1 x 25.0	1 x 25.0	I x 25.0	1 × 25.0	1 × 25.0	I × 25.0	1 x 25.0	1 × 25.0	1 × 25.0	I x 25.0	1 × 25.0	I × 25.0	1 x 25.0
6	SAMUT SONGKHRAM	1 × 25.0	1 x 25.0	X	25.0 1 x 25.0 1 ×	1 x 25.0	1 × 25.0	1 × 40.0	1 × 40.0	1 × 40.0	I × 40.0	1 × 40.0	1 × 40.0	1 × 40.0	1 × 40.0	1 × 40.0
10.	10. HUA HIN						1 x 25.0	1 x 25.0	1 × 25.0	1 x 25.0	1 × 25.0	1 x 25.0	1 x 25.0	1 × 25.0	1 x 25.0	I x 25.0
11.	THAPSAKAE						1 × 25.0	1 x 25.0	1 x 25.0	1 × 25.0	1 × 25.0	1 x 25.0	1 x 25.0	1 x 25.0	1 × 25.0	1 x 25.0
12.	LANG SUAN						1 × 25.0	I × 25.0	1 × 25.0	1 x 25.0	1 × 25.0	1 × 25.0	l x 25.0	1 × 25.0	1 x 25.0	1 × 25.0
CAP	CAPACITY (MVA)	250.0	250.0	250.0	250.0	275.0	350.0	365.0	365.0	377.5	377.5	377.5	377.5	377.5	377.5	377.5
NO.	NO. OF SUBSTATIONS	6	6	6	6	6	12	12	12	12	12	12	12	12	12	12
NO.	NO. OF BANKS	10	10	10	10	11	14	14	14	15	15	15	15	15	15	15
NO.	OF TRANSFORMERS	12	12	12	12	12	15	15	15	15	15	15	15	.15	12	15

A 5-10

ANNEX 5-1-11

SUBSTATION EXPANSION PLAN OF REGION S2

			•	•	TTUTOTOS	UN EAFAUD.	TOU LING	OF PERTON	2			•••		Citration - martin	
													3		
NO. SUBSTATION NAME	9861	1987	1988	1989	1990	1661	1992	1993	1994	1995	1 9661	1997	1998	1999	2000
1. CHIEW LAN	1 × 7.5	1 x 7.5	1 x 7.5	1 × 7.5	I × 7.5	1 × 7.5	1 x 7.5	L × 7.5	1 × 7.5	1 × 7.5	1 x 7.5				
2. KRABI	l x 25.0	1 x 25.0 1	x 25.0	1 x 25.0	1 × 25.0	1 x 25.0	1 x 25.0	l x 25.0	1 × 25.0	1 × 25.0	1 x 25.0	1 × 25.0	1 × 25.0	I × 25.0	I x 25.0
3. KHANOM	1 x 25.0	1 × 25.0	1 × 25.0	1 x 25.0	1 x 25.0	1 x 25.0	I × 25.0	1 x 25.0	1 x 25.0	1 × 25.0	I x 25.0	l ≭ 25.0	1 x 25.0	1 x 25.0	I x 25.0
4. LAMPOORA	4 x 7.5	3 x 7.5 1 x 25.0	3 × 7.5	3 x 7.5 I x 25.0	3 x 7.5 1 x 25.0	3 x 7.5 1 x 25.0	3 x 7.5 1 x 25.0	2 x 7.5 2 x 25.0	2 x 7.5 2 x 25.0	2 x 7.5 2 x 25.0					
5. NAKHON SI THAMMARAT	2 x 25.0	2 x 40.0	2 x 40.0	2 × 40.0	2 x 40.0	2 x 40.0	2 x 40.0								
6. PHANGNGA	1 × 13.0	I x 13.0	1 × 13.0	1 × 13.0	1 × 13.0	I × 13.0	l × 13.0	1 × 13.0	1 x 13.0	1 x 13.0	1 × 13.0	I × 13.0	1 x 25.0	1 x 25.0	I × 25.0
7. PHUKET 1	2 x 25.0	2 x 25.0 2	x 25.0	2 x 25.0 2	2 x 25.0	2 × 25.0	2 x 25.0	2 x 25.0	2 x 25.0						
8. PHUKET 2	1 x 25.0 1	1 x 25.0	1 × 25.0	1 × 25.0	1 x 25.0	1 × 25.0	I × 25.0	1 × 25.0	1 x 25.0	2 x 25.0	2 × 25.0	2 x 25.0	2 × 25.0	2 x 25.0	2 x 25.0
9. PHUNPHIN	1 x 31.5 1 x 25.0	I × 31.5 I × 25.0	1 x 31.5 1 x 25.0	1 x 31.5 1 x 25.0	1 × 31.5 1 × 25.0	1 x 31.5 1 x 25.0	1 x 31.5 1 x 25.0	1 × 40.0 1 × 31.5	1 x 40.0 1 x 31.5						
10. TAKUA PA	1 × 6.0	1 x 25.0	1 x 25.0	1 x 25.0	1 × 25.0	1 x 25.0	1 x 25.0	1 × 25.0	1 × 25.0	1 x 25.0					
11. THUNG SONG	2 × 13.0	2 × 13.0	2 x 13.0	2 × 13.0	2 × 13.0	2 × 13.0	2 × 13.0	2 × 13.0	2 × 13.0	2 x 25.0	2 × 25.0	2 x 25.0	2 × 25.0	2 x 25.0	2 x 25.0
12. SURAT THANI				1 × 25.0	I × 25.0	1 x 25.0	1 x 25.0	1 × 25.0	L X 25.0	l x 25.0	I × 25.0	1 x 25.0	1 × 25.0	1 x 25.0	1 x 25.0
						:									
CAPACITY (MVA)	314.0	333.0	333.0	358.0	358.0	358.0	375.5	390.5	390.5	469.5	469.5	469.5	499.0	499.0	499.0
NO. OF SUBSTATIONS	11	11	11 -	12	12	12	12	12	12	12	12	12	12	12	12
NO. OF BANKS	14	14	14	15	15	15	16	16	16	18	ŝ	18	19	- 61	19
NO. OF TRANSFORMERS	18	18	18	19	19	19	19	19	19	20	20	20	20	20	20

(DNIT: MVA)	1999 2000	1 x 25.0 l x 25.0	1 x 40.0 1 x 40.0 2 x 25.0 2 x 25.0	2 x 25.0 2 x 25.0	2 × 25.0 2 × 25.0	1 x 40.0 1 x 40.0	1 × 25.0 1 × 25.0	1 x 50.0 1 x 50.0 1 x 40.0 1 x 40.0	1 x 31.5 1 x 31.5 1 x 25.0 1 x 25.0	2 x 50.0 2 x 50.0	1 x 40.0 1 x 40.0	1 × 25.0 1 × 25.0	
NU)	1998	.0 1 x 25.0	0 1 x 40.0	-0 2 × 25.0	.0 2 x 25 0	40.0 1 × 40.0	.0 1 × 25.0	50.0 1 × 50.0 40.0 1 × 40.0	.5 1 × 31.5	.0 2 x 50.0	•0 1 × 40.0	.0 1 × 25.0	
	1996 1997	25.0 I x 25.	40.0 1 x 40.0 25.0 2 x 25.0	25.0 1 x 25	25.0 2 x 25	40.0 1 × 40	25.0 1 × 25	50.0 1 × 50 40.0 1 × 40	31.5 I × 31 25.0 I × 25	50,0 2 x 50	25.0 1 × 40	25.0 1 × 25	
	1995 19	1 × 7.5 1 ×	1 x 40.0 1 x 1 x 25.0 2 x	1 x 25.0 1 x	2 x 25.0 2 x	1 x 25.0 1 x	1 x 25.0 1 x	1 x 25.0 1 x 1 x 40.0 1 x	1 x 31.5 1 x 1 x 25.0 1 x	2 x 50.0 2 x	1 x 25.0 1 x	1 x 25.0 1 x	
	1994	l × 7.5	1 x 40.0 1 x 25.0	1 x 25.0	2 x 25.0	0 1 x 25.0	0 1 x 25.0	0 1 x 25.0	5 I × 31.5 0 I × 25.0	0 2 x 50.0	0 1 × 25.0	0 1 x 25.0	
	1993	.5 1 x 7.5	•.0 1 × 40.0	.0 1 x 25.0	•.0 2 x 25.0	.0 1 × 25.0	.0 1 x 25.0	5.0 1 × 25.0 1 × 40.0	1.5 1 × 31.5	25.0 1 × 25.0 50.0 1 × 50.0	5.0 1 x 25.0	.0 I × 25.	
	1991 1992	7.5 I x 7	40.0 1 × 40. 25.0 1 × 25.	25.0 l x 25	25.0 2 x 25	25 0 1 x 25	25 0 1 × 25.	25.0 2 x 25.	31.5 x 31 25.0 x 25	25.0 1 × 25 50.0 1 × 50	25.0 I x 25.	25.0 1 × 25	
	1990 19	x 7.5 1 x	x 40.0 1 x x 25.0 1 x	x 25.0 1 x	x 25.0 2 x	x 25.0 1 x	x 25.0 1 x	x 25.0 2 x	x 31.5 1 x x 25.0 1 x	x 25.0 1 x x 50.0 1 x	x 25.0 1 x	*	
	1989	1 x 7.5 1	1 x 40.0 1 1 x 25.0 1	1 x 25.0 1	2 x 25.0 2	l x 25.0 1	1 x 25.0 1	2 x 25.0 2	1 x 31.5 1 1 x 25.0 1	2 x 25.0 1 1	1 x 25.0 1		
	1 1988	7.5 l1 x 7.5	0 1 × 40.0	0 1 × 25.0	0 1 × 25.0	0 I × 25.0	0 1 × 25.0	0 2 × 25.0	.5 1 x 31.5	25.0 2 x 25.0	.0 1 × 25.0		
	86 1987	7.5 1 × 7	40.0 x 40.0 25.0 x 25.0	25.0 1 x 25.0	25.0 1 x 25.0	25.0 I × 25.0	7.5 1 x 25.0	25.0 2 × 25.0	31.5 x 31.5 25.0 x 25.0	2 x 25	1 x 25.0		
71-1	ON NAME 1986	1 ×	1 X X	I.	1 ×	× 	l x	× 2	1 X 7 X				
ALVIN	NO. SUBSTATION NAME	1. BANG LANG	2. HAT YAI 1	3. HAT YAI 2	4. NARATHIWAT	5. PHATTHALUNG	6. SADAO	7. SONG KHLA	8. YALA	9. PATTANI	10. SATUN	11. RANOT	

			 														·					
	2000	4	11	4	10	5	00	ú	4	6	2	(m.1	2	7	ŝ	7	4	*****			71	
(UNIT: cct)	6661	4	11	4	10	67	00	Ś	4	61	N		7	~	ŝ	N	4				71	
	1998	4	e e	4	10	5	00	5	4	5	3		2	7	'n	8	4				71	
	1 297	çî Çî	G	3	10	24	80	<u>،</u>	4	5	5		2	~	°. M	6	4				68	
	1996	m		4	80	7	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ŝ	4	5	S		~	7	۰. ۳	2	4				66	
	1995	Ĉ	6	4	80	7	30	Ś	4	7	2	,	ŝ	7	۰ ۳	2	4				66	
	1994	ĉ	6	4	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	8	60	Ś	4	5	2		2	7	M	5	4				66	
PLAN NI	1993	ņ	 م	4		73	00	ŝ	4	3	5		2	~	<i>ر</i> م	7	4				66	
H.V. FEEDER EXPANSION FLAN NI	1992	m	6	4	80	8	80	Ś	4	5	5		5	7	en.	5	4				66	
FEEDER E	1991	m	5	4	80	64		Ś	4	2	5		5	2	m	5	4				66	
H. V.	1990	e	6	4	00	5	ŝ	ŝ	4	5	7		7	~	ັຕ	2	7				66	
	1989	'n	6	4	7	7	80	ŝ	4	64	7		3	4	'n	ы	4				62	
:	1988	Ċ	5	4	2	7		<u>.</u>	4	5	3	. 1	2	4	m	24	4				62	
	1987		6.	4	2	8	60	ŝ	4	7	5	, ,,,,,	2	4	m	ત	4				62	
· · ·	1986	m	6	4	2	~	0	in.	4	7	5		2	4	m	<u></u> ,					56	
<u>ANNEX 5-2-1</u>	SUBSTATION NAME	1. CHIANG MAI 1	CHIANG MAI 2	CHIANG MAI 3	4. CHIANG RAI	LAMPRUN 1	LAMPHUN 2	LAM PANG 1	LAM PANG 2	FANC	MAE HONG SON	MAE MHAO 2	MAE SARING	РНАҮАО	THOEN	MAE NGAT	CHOM THONG				TOTAL	
	NO		~	m	4	<u>່</u> ທ	. 9	7.	ŝ	6	2 A 5	-1.3	12.	13.	14.	15.	16.	17.	18.	19.		

ON NAME 1966 1967 1963 1963 1963 1964 1963 1964 1963 1964		ANNEX 5-2-2					н. 1	H.V. FEEDER EXPANSION PLAN N2	EXPANSIO	N PI.AN N2				-	(N)	(UNIT: cct)	_
WK K K 1 1 1 1 1 4 4 4 1 1 4 5 5 5 5 1 1 1 5 5 5 5 1 1 1 1 2 5 5 5 5 1 1 1 1 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 1		SUBSTATION NAME	1986	1987	1988	1989	1990	1661	1992	1993	1994	1995	1996	1997	1998	1999	2000
Titling A </td <td>I. BH</td> <td>UMIBOL</td> <td>-</td> <td></td> <td></td> <td>T</td> <td>П</td> <td></td> <td></td> <td>щ</td> <td>rui</td> <td>1</td> <td>e</td> <td>r</td> <td>مەسىر ـ اسو</td> <td>m</td> <td></td>	I. BH	UMIBOL	-			T	П			щ	rui	1	e	r	مەسىر ـ اسو	m	
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X X	3. NA	2	ę	m	en .	ო	ŝ	ሮ .	ر م	e	m	m	m	m	m	4	4
XX 3	4. PH	ARE	Ś	ŝ	<u>م</u>	Ś	00	œ	œ	80	ø	ω	80	80	ø	00	
X 1 7 8	5. PH	ICHIT	ŝ	~	m	m	Q.	Ŷ	<u>ب</u> ور	ý	v 9	9	Q	ý	Ŷ	\$	
x 2 <td>6. PH</td> <td>ITSANULOK 1</td> <td>2</td> <td>~</td> <td></td> <td>~</td> <td>ŝ</td> <td>00</td> <td>œ</td> <td>ø</td> <td>ø</td> <td>80</td> <td>œ</td> <td>8</td> <td>œ</td> <td>88</td> <td>0</td>	6. PH	ITSANULOK 1	2	~		~	ŝ	00	œ	ø	ø	80	œ	8	œ	88	0
No No 33 2 33 2 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 6 5 7 5 8 5 9 5 9 5 9 5 9 5 9 5 9 5 9 5 9 5 9 5 9 5 9 5 9 5 9 5 9 5 9 5 9 5 9 5 9 5 10 5 11 5 12 5 13 5 14 5 15 5 16 5 17 5 18 5 19 5 10 5 10 5 <	7. PH	ITSANULOK 2	5	5	~	7	2	2	2	2	ŝ	ŝ.	Ŋ	۷	ŝ	ŝ	Ś
39 39 39 39 4 4 6 6 39 39 39 39 4 4 6 6 6 39 39 39 39 4 4 6 6 6 30 39 39 39 4 4 6 6 6 30 39 39 39 4 4 6 6 6 30 30 39 4 4 4 6	8. SI	RIKIT					1++1			, ,				rei		F	, mai
M M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 5 5 5	9. SU	KHO THAI	Ś	Ś	ŝ	Ś	ور	ý	9	v	vo	v	Q	9	e,	Q	ġ,
UTTAIADIT 4	10. TA	K	শ	4	· -7	4	4	4	4	4	4	4	4	4	4	4	4
SAMAN KHALIOK MAE SOT MAE SOT MAE SOT MAE SOT MAE SOT 29 29 39 39 39 30 50 60 60 60 60 60 60 10 10 10 10 10 10 10 10 10 10 10 10 10	11. UT	TARADIT	4	4	4	4	s	ŝ	ŝ	S.	ŝ	n		ι,	S	و	9
MAE SOT MAE SOT 2 2 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		WAN KHALOK			····		4		4	4	4	4	4	4	4	4	4
5 6 7 7 7 7 7 7 7 7 7 7 7 7 7	13. MA	E SOT						4	4	4	4		4	4	4	-4	4
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TOTAL 39 36 60 60 60 60 60 60 60 60 60 60 60 60 60	15.							· · ·			er i. NV						
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39 39 39 39 56 56 56 56 56 59 60 60																	
	TO			ŝ			52	N	56	26			59	60	1 I I I		62

ER EXPANSION PLAN N2 EED.

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NO. SUBSTATION	N NAME	1986	1987	1988	1989	1990	1661	1992	1993	1994	1995	9661	1997	1998	6661	2000
LOP BURI 1	•	ŝ	S 	S	ີ ທີ	2	~	~	K	r ~	~	~	7	7	7	N
2. LOP BURI 2		9	9	• •	<u>ن</u>	ي د	ور	<u>ی</u>	Ŷ	9	9	e	Ŷ	• • •	•••	• •
3. MANOROM		4	4	-3	4	4	4	4	4	4	4	4 4	4	4	4	ک ر
4. NAKHON SAWAN	Ŋ	Q	Q	Q,	'9	9	10	10	0	10	10	10	10	10	10	Ä
5. PHECHABUN	•/·	2	د	7	~	2	2	~	~	~	7	~	4	2	~	
6. SING BURI		с. С	m	m	س	M	en e	n	m	ε.	m	m	ŝ	en I	m	
7. TAKHLI 2		, L	m	m	m	س	ر ي 	m	'n	en.	m	<i>с</i> л	m	m	m	m
8. LOMSAK			4	4	4	4	4	4	4	4	4	4	4	4	4	4
9. CHAI BADAN			4	4	4	4	4	4	4	ধ	4	4	4	4	4	
10. THATAKO					4	4	4	4	4	4	4	4	4	4	4	4
II. SALOKBAT					4	4	4	4	4	4	4	4	4	4	4	-4
12. BANG MUN NAK	AK		•••			4	4	4	4	4	4	4	4	4	4	4
13.									-							
14.																
15.																
16.		-	<u>.</u>													
17.																
18.				<u> </u>							-					····
19.										-						
TOTAL		34	42	42	20	54	e09	60	09	60	60	09 Q	60	60	60	60

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H V FFEDER EXPANSION PLAN NEL

ANNEX 5-7-4

1991 1992 1992 1992 1993 1993 1994 6 6 6 6 6 7 9 6 6 7 9 7 9 7 9 6 7 7 9 8 9 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
1998 1998 6 6 9 4 7 9 9 9 6 9 7 9 9 9 6 9 7 9 9 7 9 9 7 9 9 7 9 9 7 9 7 9 7 9 7
10 10 10 10 10 10 10 10 10 10 10 10 10 1

													5	(UNIT: cct)	
NO. SUBSTATION NAME	1986	1987	1988	1989	1990	1661	1992	1993	1994	1995	1996	1997	1998	1999	2000
1. BURI RAM	ŝ	'n	S	œ	œ	90	æ	8	œ	60	00	. 00	œ	00	80
2. CHAIYA DHUM	'n	ŝ	S	5	so	S	ŝ	Ś	ŝ	S		Ś	ŝ	ŝ	, vî
3. NAKHON RACHASIMA 1	0	10	10	10	10	10	10	0	10	10	10	10	01	10	10
4. NAKHON RACHASIMA 2	10	10	10	10	10	10	10	10	10	0	10	10	10	10	10
5. PAK CHONG	4	4	4	co 	ý G	Q	Q	ù S	.	৩	e	Ŷ	Q	Ŷ	Q
6. PHON	5	5	\$ 	ŝ	ۍ ۱	Ś	Ş	9	v	v	ę	Ŷ	ý	Q	Q
7. SHIKHIU	9	9	Q	e,	ę	9	i 9	ę	9	Q	v 0	ę	Q	Ŷ	Q
8. SURIN	Ś	Ś	ŝ	Ś	ŝ	. 1 0	5	ŝ	ŝ	ú	ŝ	'n		ν'n	Ś
9. PHIMAI				4	4	4	4	4	4	4	4	4	4	4	4
10. PRAKHONCHAI					-7-	4	4	4	4	4	4	-†	-7	~*	-4
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12.											1				
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TOTAL	50	50	Ş	59	63	63 .	64	64	64	64	64	64	64	64	64

ANNEX 5-2-7

H.V. FEEDER EXPANSION PLAN CI

2000 e ം ŝ 60 00 Ś 2 ¢ 116 ŝ (UNIT: cct) 1999 ŝ Ś 80 60 20 γp 00 911 ŝ 1998 ŝ ð ŝ 00 80 Ś 2 œ g, 116 S 2663 m. Q ŝ 00 œ Ú 10 00 Q/ ŝ en 116 ŝ œ ŝ 3661 'n Ś S. ထဲ 8 Ś 2 00 σ σ 115 m ŝ ~ æ . 1 3 ŝ 1995 œ ŝ Ś 0 00 σ ന ģ σ 115 90 4 st. ŝ 1994 œ 80 10 80 ŝ ŝ Q σı ¢ ŝ 115 s. 1 1993 115 en 00 10 ω თ ŝ 1992 10 111 00 Ś 1661 2 107 00 ഹ 1990 107 2 n 80 ŝ s 1989 97 ္ဆ 00 **o**n ന ŝ ð 1988 ŝ 89 ø æ v 0 φ ø en m 1987 10 φ m ŝ 83 œ ω ø 0 1986 75 ŝ e Ś ĩ 10 ω ŝ တ Q 5 ന 4 s. SUBSTATION NAME 15. WATTHANA NAKHON 16. PRAPHUTTHABAT 7. PRACHIN BURI 8. PATHUM THANI 18. AYUTTHAYA 2 14. THANYA BURI 17. NAKHONNAYOK 1. ANG THONG 1 2. ANG THONG 2 19. NAVANAKHON 10. SARABURI 2 11. SARABURI 3 12. SARABURI 4 9. SARABURI 1 3. AYUTTAYA 1 6. BAN PA IN 4. BANG KHAN 5. BAN MAI 13. THALAN TOTAL NO.

UBSTATTON NAME 1956 1987 1989 1999 1999 1999 1992 PHAL 2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4						
1. AO FHAI 2 2 2 4 4 4 2. BAN BUNG 5 5 5 5 7 <th>1993 1994</th> <th>4 1 1995</th> <th>1996</th> <th>1997 1998</th> <th>8 1999</th> <th>2000</th>	1993 1994	4 1 1995	1996	1997 1998	8 1999	2000
2. BAN BUNG 5 5 5 7 8 <td< td=""><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td></td<>	4	4	4	4	4	4
3. BANG LANUNG 8 8 8 8 9 9 9 4. CHON BURI 5. CHACHOENGSAIO 7 10 10 10 <td< td=""><td>7 7</td><td>2</td><td>~</td><td>7</td><td>2</td><td></td></td<>	7 7	2	~	7	2	
4. CHON BURI 8 8 8 8 9 9 9 5. CHACHOENGSAO 7 1 7 10 10 <	6 	27	6		б 	<u>م</u>
5. CHACHOENCSAD 7 10 10 10 10	б 	an 	6	<i>a</i> ,	6 	<u>б</u> л
6. CHANTHABURI 7 10 10 10 10	7 8		60	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	∞	. 00
7. KLAENG 5	10 10	10	10	10 10	10	10
8. RAYONG 1 5 5 5 9 9 9 9 9 9 9. RAYONG 2 2 2 2 2 2 2 2 9 9 9 10. RAYONG 3 4	ν 	<u>s</u>	<u>ب</u>	v,	یں ا	<u>м</u>
9. EAYONG 2 2 2 2 2 2 2 2 2 2 2 2 2 2 10. RAYONG 3 4 4 4 8 8 10 10 10 10 10 10 10 11. SRITRACHA 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	6 6	<i>в</i> ,	5	6	6	σ
10. RAYONG 3 4 4 4 4 10 10 10 11. SRIRACHA 5 5 5 5 5 5 10 10 10 12. TRAT 4 <td>5</td> <td>5</td> <td>2</td> <td>5</td> <td>2</td> <td>7</td>	5	5	2	5	2	7
11. SRIRACHA 5 5 5 5 12. TRAT 12. TRAT 5 5 5 5 13. PHANON SARAHAM 4 4 4 4 4 4 5 5 5 5 1 14. PHANUTNRIKHOM 16. 16. 1 4	10	01 0	01	10 10	10	6
12. TRAT 13. PHÁNOM SARAKHAM 14. PHANUTNIKHOM 15. 16. 17. 17.	ີ ທີ		Ń	ŝ	ŝ	'n
	4	4	4	4	4	4
	4	4	4		4	4
46	4	4	42	4	4	4
	 -					
16	25 ⁵					
•		- 				4407-118-1
		· · · · · · · · · · · · · · · · · · ·				
TOTAL 62 66 70 82 86	06 68	06	06	06 06	06 0	06

2000	80	0	2	Ś	5	00	10	Ŷ	Ŷ	9	10	4								88 89
1 6661	œ	σ	4	Ś	6	80	10	ę	9	ġ	10	4	· .	<u></u>	<u>-</u>					88
1998	8	5 5	~	ŝ	5	∞	10	و	÷ Q	ę	10	4	· · · · · · · ·				- 		· · · · · · · · · · · ·	88
1997	ŵ	6	<u> </u>	ŝ	<u>.</u>	00	10	9	9	9	10	4							-	88
1996	80	6	2	<u>ب</u>	80	00	10	9	. 9	9	10	4								87
1995	80	<u>م</u>	~	ŝ	60	80	10	Ŷ	9	9	10	4								87
1994		5	7	<u>ب</u>	2	00	10	9	9	ę	10	4	 -	.						86
1993	8	6	2	ۍ ۲	2	80	10	9	•	ę	10	4		<u></u>						86
1992	80	5	2	S	. ~	00	10	Ŷ	9	6	10	4								
1991	ω	σ	7	S.	7	30	10	Ŷ	6	4	9	4					- 			80
1 0661	ø	5	7	Ś	~	80	10	· vo	9	4	vo	4		<u> </u>				<u> </u>		08
1989	ø	on	~	ŝ	~	ά	10	Ŷ		4	v 0	4								80
1938		5	2	S	-	60	10	.	Q.	4	·			<u> </u>			•			69
1987	7	<i>ф</i>	٢	ý	2	60	10	9	9	4	i		_ · _ · ·		-					69
1986	~	æ	~	 	Ś	ø	10	9	v)	4										67
ON NAME	м	5	JURI .	SAEN	ISI	1	I NO	30N 2	ŞI Ş		5	NANGBUAT								
SUBSTATION NAME	1. BANG PONG 1	2. BANG PONG 2	3. KANCHANA BURI	4. KAMPHAENG SAEN	5. NAKHON CHAISI	SAM PHRAN I	SAMUT SAKHON 1	8. SAMUT SAKHON 2	SUPHAN BURI	THAMUANG	11. SAM PHRAN 2	DOEMBANG NANGBUAT		1					4 .	TOTAL
NO		સં		4		Ŷ		8	- <u>-</u>	10.	11.	12.	13.	14.	15.	16.	17.	8	.61	

NO.	SUBSTATION NAME !	1986	1987	1988	1 6861 1	1 066 1	1 1961	1992	1993	7661	1995	1 9661	1 2001	1998	1999	2000
		2027	10/2	1,200	2227	2222				1		2/24		0227	6267	2002
	1. CHA AM	ŝ	2	Ś	Ś	Ś	Ś	Ś	ن م	ŝ	<u> </u>	Ś	'Vî	Ś	5	ŝ
	CHUM PHON	ν.	Ś	Ś	ŝ	٧٦	'n	5	'n	ŝ	Ś	5	ν η	νη	Ś	۲IJ
	3. PHETCHA BURI	4	4	*	4	ø	e	' 0	o	20	.0	\$	9	9	6	9
4	PRACHOAPKHIRI KHAN	'n	т	m	m	m	<i>с</i> л.	m	m	m	ę	ŝ	m.	ŝ	6	, M
ب ر ا		4	4	4	4	ন্য	· ~1	4	4	3	4	4	4	4	4	4
ę.	6. RANONG	ຸ ຕາ	3	۳	m	<u></u>	ñ	en i	m	'n	ŝ	M	, m	. ന	ຕ	ິ
7.	7. RATCHABURI 1	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
<u>.</u>	8. RATCHABURI 2	5	2	8	63	~	5	5	2	7	7	2	2	6	2	ત્ય
<u>ه</u>	9. SAMUT SONCKHRAM	ব	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10.	10. HUA HIN	•				· ·	4	4	4	4	4	4	4	4	4	-4
	11. THAPSAKAE	•••••					4	4	4	4	4	4	4	ব	4	4
12.	12. LANG SUAN						4	. 4	4	4	4	4	4	4	4	4
<u>.</u>				2 a		· · ·		.'	:					****		
14.			1.14 					• • • •		-			. :			
15.			•				· · ·									
16.			. *			· · · · ·		- -,			· · · · ·				21 10 22	
17.									-				 			
18.		1. 1. 1. 1.	ţ			• • •									 	
<u>6</u>			-	+ +1 -												
	TOTAL	34	34	34	34	36	48	48	48	48	84	5 1 87	48	48	48	48

H.V. FEEDER EXPANSION PLAN SI

ANNEX 5-2-10

U. SUBSTATION NAME 1986 1981 1. CHIEW LAN 2. KRABI 2. KRABI 3. KHANOM 1 1	•													
LEW LAN ABI 2 2 ANOM 1 I		1988	1989	1990	1991	1992	1993	1994	1995	9661	1997	1998	1999	2000
ABT 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· · · · · · · · · · · · · · · · · · ·						Г			,	FA			F *4
ANOM		7	2	N	8	2	8	~	6	~	2	~	7	8
				7		7÷01			• •••	F	PP1	2	8	7
		4	4	4	**	4	4	-4	4	4	4	د	М	'n
NAKHON SI 6 6	10		Q	ý	9	9	9	'	ę	9	<u>م</u>	9	•	Q
PHANGNGA 2		2	7	<i>с</i> п	m	с п	m	۰ ۳	<u>ດງ</u>	m	m	٣)	۳)	m
7. PHUKET 1 7 7	~	~	2	~	~	~	2	2	~	~	~	•	~	~
PHUKET 2 3 3	<u>.</u>	m	m	÷	'n	m	۳.	m		m	4	4	4	4
PHUNPHIN 4		4	4	4	Ś	۲ υ	9	6	9	~	~	80	00	6
10. TAKUA PA 2 2 2	~~~~	2	5	E	e M	. m	໌ ຕ	m	m	ŝ	m	<u>ເ</u>	m	د م
THUNG SONG 3	ო	M	m	Ś	ŝ	ۍ ۲	S	1 0		'n	ŝ	5	S	Ś
SURAT THANI			4	4	4	4	4	4	4	4	4	4	4	4
					_									
								n. <u></u>						
					. –									
· · · · · · · · · · · · · · · · · · ·														
- -					_			-						
TOTAL 35 31	35	35	39	. 64	44	44	45	45	45	46	47	50	50	51

	ANNEX 3-2-12				·	H.V.		FEEDER EXPANSION PLAN	PLAN S3	:				<u>а</u>)	(UNIT: cct)	
	NO. SUBSTATION NAME	1986	1987	1988	1989	1 990	1661	1992	1993	1994	1995	1996	1 997	1998	1999	2000
	I. BANG LANG	r-1	~		1	,, ,		r-4				red	 r-4	-1	-	# 4
	2. HAT YAI 1	69	æ	8	80	60	ŝ	Ø	00	60	20	00	 60 -	8	80	80
	3. HAT YAI 2	n	m	ŝ	'n	m	m	en	Ċ	m N	ę	m	ო	ŝ	ŝ	<i>ი</i>
	4. NARATHIWAT	4	ţ	4	4	Q	ę	9	\$	9	v	Q	ۍ. د	9	Ŷ	9
	5. PHATTHALUNG	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	6. SADAO	ო	m	ñ	en .	ε	ŝ	۳.	'n	m	ო	ញ	ر ا م	ŝ	m	m
	7. SONG KHLA	'n	Ś	5	ۍ ۲	υ ή	Ś	ŝ	Ŷ	Ś	Ŷ	5	6	а,	9	<u>б</u>
A :	8. YALA	· ил	Ś	57	Ś	<u>ى</u>	ŝ	~ ~	س	5	Ś	ŝ	'n	'n	ŝ	Ś
5-24	9. PATTANI		Ś	in	ŝ	~	7	2	~	10	10	10	10	10	10	10
	10. SATUN		4	4	4	4	4	4	4	ব	4	4	4	4	4	4
	11. RANOT					<u></u>	4	4	4	4	4	4	4	4	4	4
	12.		- <u></u>	nga, 4nd nel salona.									· · · ·			
	E.														•••	
	14.						· · · ·		· ·	···	~=====					۵
	15.					· · ·	- <u></u>					*.	,			
	26.	:					- it -								· · · ·	
	17.														- - -	
	18.				·····	· · · · · · · · · · · · · · · · · · ·				· · · ·						•
					-			· ·							· · · ·	
	- 13	n ann														
· · ·	TOTAL	33	42	42	42	4 6	20	50	51	54	54	57	57	57	57	57

							ANNEX 5-3		INTERCONNECTION OF H.V	NOILS	ОҒ Н. V. D	DISTRI	DISTRIBUTION LINE					· · · ·			
			1986		1987		1988		1989		1990		1991		1992	-	1993	1	1994		1995
Region	EC.	cet	Energy (GWh)	CCT	Energy (GWh)	cct	Energy (GWh)	cct	Energy (GWh)	cct	Energy (GWh)	cct	Energy (GWh)	cct	Energy (GWh)	cct	Energy (GWn)	cct	Energy (GWh)	cct	Energy (GWh)
CMA, CMB,	8, CMC A	50	335.9	20	356.4	20	388.8	20	428.4	20	474.5	20	529.1	20	586.5	20	644.5	20	701.5	20	759.9
LPA, LPB	99 	15	125.9	15	133.7	15	145.8	15	160.7	15	178.0	ŝ	198.4	ŝ	220.0	Ş	241.7	5	263.1	15	285.0
	T	35	461.8	35	490.1	35	534.6	35	589.1	35	652.5	35	727.5	35	806.5	35	886.2	35	964.6	35	1,044.9
PLA, PLB	₽	* 4	79.4	4	86.8	4	. 93.5	4	100.4	œ	152.6	œ	163,3	8	173.9	ŵ	184.3	10	206.3	10	216.8
THO THO	в В	5	49.6	s	54.2	20	58:5	Ś	62.8	12	114.5	12	122.5	12	130.4	12	138.3	ñ	134.1	1	141.0
	E-1	6	129.0	6	141.0	67	152.0	on	163.2	20	267.1	20	285.8	20	304.3	20	322 6	23	340.4	23	357.8
LBA, LBB	B	<u>م</u> ب	124.5	<u>_</u>	138.0	و	139.7	10	266.8	10	284.4	14	334,9	14	354.6	14	374.0	14	393.4	14	412.4
TKB	ра ,	12	124.4	12	138.0	12	139.6	18	240.2	18	255.9	20	239.2	20	253.2	20	267.1	20	281.0	20	294.5
SZA	H	18	248.9	18	276.0	18	279.3	28	507.0	28	540.3	34	574.1	34	607.8	34	641.1	34	674.4	ž	706.9
UDA, UDB VVA, VVB	80 A	4	106.9	8	220.7	89	238.2	8	256.1	10	300.4	10	320.6	07	340.7	07	360.1	10	379.0	10	397.1
44 (274	е 9	9	80.1	12	165.5	12	178.7	12	192.1	12	180.2	12	192.4	12	204.4	12	216.1	12	227.4	12	238.2
	. F H	10	187.0	20	386.2	20	416.9	20	448.2	22	480.6	22	513.0	22	545.1	22	576.2	22	606.4	22	635.3
REA	¥	4	76.8	* *	0:06	Q	109.1	و	120.9	Ŷ	133.3	Q	146.1	ę	159.6	Q	173.3	Q	187.5	80	219.3
KLA	д	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	76.8	80	89.9	10	0.19	10	100.7	10	111.1	10	121.8	10	133.0	10	144.5	10	156.2	11	150.7
·	H	12	153.6	12	179.9	16	200.1	16	221.6	16	244.4	16	267.9	91	292.6	16	317.8	16	343.7	6\ #1	370.0
NRA, NRB	RB A	00	196.3	8	212.8	00	226.4	00	240.3	00	254.7	8	268.9	œ	283.0	ഹ	296.5	00	309.5	00	321.8
SFA	ф	18	220.9	9 18	239.3	18	254.8	18.	270.4	18	286.5	18	302.6	18	318.4	18.	333.5	18	348.2	88	362.0
		``````````````````````````````````````	с г 					,										•			-

1993 1994 1995	gycctEnergycctEnergycctEnergyh)cct(GWh)cct(GWh)(GWh)	.9         36         2,051.2         36         2,136.5         36         2,225.8	0.2 39 1,111.1 39 1,157.3 39 1,205.7	.1         75         3,162.3         75         3,293.8         75         3,431.5		0 10 0000 10 204.4 To	598.5 23 623.9 23 650.1 23 676.9 431.3 39 1.491.9 39 1.554.5 39 1.618.7		5.8 32 1,513.6 32 1,613.9 32 1,699.	862.8 39 922.4 39 983.4 40 1,062.0	3.6         71         2,436.0         71         2,597.3         72         2,761.3		C*/OC 41 7*7CC 41 6*/YC 41 4*CO4	258.9 15 277.2 15 295.8 15 314.6	742.3 29 794.7 29 848.0 29 901.	243.7 8 248.7 8 262.3 8 275.8	167.6         12         126.5         12         196.7         12         206.8	411.3 20 435.2 20 459.0 20 482.6	292.3 6 301.4 6 324.2 6 347.9	
7.661	cct Energy (GWh)	34 1,966.9	37 1,070.2	71 3,037.1			23 39 1	3	32 1,415.8	39	71 2,278.6			15	29	<b>60</b>	F	19	9	
1991	ct Energy (GWh)	32 1,886.3	35 1,031.6	67 2,917.9	r o r		23 574.0 39 1.372.7		28 1.279.4	37 845.3	65 2,124.7		4.964	15 241 2	29 691.4	8 229.6	11 157.9	19 387.5	6 270.3	)   
1990	Energy cc (GWh) cc	1,811.9	6*066	2,802.8			497.9		1,189.8	786.1	1,975.9			254.7	568.1	224.0	140.0	364.0	249.5	
:	c c c c	32	35	67		2	39 23	<b>S</b> (1)	28	37			•	ย	51	8	01	8	•	
1989	Energy (GWh)	1,650.2	884.0	2,534.2	100	1.00	441.8	*	1,103.6	729.2	1,832.8	550	1.017	274.2	527.3	209.8	131.1	340.9	230.0	
-	c t c c t	28	30	58			34 18		28	37	65		• •••••	13		8	10	18	9	
1988	Energy (GWh)	1,563.6	837.6	2,401.2	0 0 0 0	407.0	277.2		1,051.8	647.3	1,699.1	2 766	a + r 7	254.1	488.7	89.4	67.1	156.5	211.5	
	cct	28	0E	28			90 <u>-</u>	3	26	32	58			<u></u>	16	4	••	F0	e e	
1987	Energy (GWh)	1,209.1	697.5	1,906.6		1007	201.0		973-0	598.8	1,571.8			204.0	392.3	84.1	63.0	147.1	192.5	
	CCT	26	30	56		*	12	3	26	32	58		2	ŝ	61	*		2	Ŷ	· · ·
1986	Energy (GWh)	1,038.0	613.4	1,651.4	5 107	1.104	573.9		919.7	548.3	1,468.0	6 0F	1.0.1	184.3	354.5	77.0	57.8	134.8	186.8	
-1	cct	22	26	48		t -	12 26	3	26	6	57		2	13	61	4	٥	ş	9	
	Region	ATA, ATB A		BKA, BMA T PQA		AFA A BLA	SCA B RAA, RAB, RAC T	4	KCA A	BPA, BPB B	NUA SAA, SAB T SMA, SMB		SSA	PBA B	T PNA PNA	PKA, PKB A	PPA SNA B		нуа, нув А	SLA

INSTALLATION STATUS OF RECLOSERS

ANNEX 5-4

	·	·			-										
	Total	No. of units	34	37	33	72	59	42	22	24	61	26	22	30	420
μ 	Line	No. of units	TT.		7	Q	10	ŝ	4	σ	10	<u>م</u>	en .	m	68
	Sub-total	No. of units	23	26	26	66	49	36	15	15 T	6	17	19	27	331
	Su	No. of feeders	12	19	16	28	27	23	10	13	7	12	14	12	193
Main Line	r more/ er	No. of units	19	13	19	55	33	28	6	m	4	6	10	21	223
Main	2 units or more feeder	No. of feeders	8	ý	<b>б</b>	17	11	12	4		7	4	Ľ.	Q	85
	/feeder	No. of units	7	13	7	- e-4 e-1	16	┍╼╡ ┍╌╡	9	12	5	<b>00</b>	ά	9	108
	1 unit,	No. of feeders	4	13	Γ.		16	11	9	12	ŝ	œ	6	Ŷ	108
	Region		IN	N2	N3	NE1	NE2	NE3	C1	C2	C3	S1	52	S S	Total

A 5-27

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REQUIRED NUMBER OF SECTIONALIZERS (1994)

ANNEX 5-5-1

5 20TC	Case 3	2.5A + 2B - C - 2D	108	96	102	96	ũ	6	234	174	179	87	75	<b>6</b> 3	1,400
F cortionalizote		2.5Å + B - C - D	77	54	65	55	25	23	159	101	127	57	43	21	871
No. of		$\begin{bmatrix} 1.5A + B \\ - C - D \end{bmatrix}$	57	44	51	45	23	45	123	85	95	43	35	45	691
a with reclosers	1	on main line D	ø	6	6	17	r-4 r-1	12	4	<b></b>	2	4	2	<b>9</b>	85
No. of feeders		main line C	4	13	2	₽=4 ¹ ₽=4	16	⊷4 7-1	9	12	2	œ	6	9	108
No. of	Radial	feeders B	39	48	46	23	41	56	79	74	54	34	37	48	614
No. of	Interconnected	feeders A	20	10	14	IO	<b>9</b> <b>9</b>	Ø	36	19 1	32	14	œ	9	180
	с, С Д	TIOTAN	N	N2	EN.	NEI	NE2	NE3	CI	C2	ទ	IS	S2	S3	Total

A 5-28

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REQUIRED NUMBER OF SECTIONALIZERS (2000)

ANNEX 5-5-2

2.5A + 2B - C - 2D 118 102 102 911 ო 76 236 97 174 183 1,477 99 87 87 Case sectionalizers 2.5A + B - C - D Case 2 82 5 65 65 40 53 160 129 49 912 101 54 57 No. of 1.5A + B - C - D Case 1 124 ς 20 43 41 62 55 32 45 97 730. 47 5 48 No. of feeders with reclosers l unit on 2 units or more main line on main 14ne А 12 ω --------Ś 85 Ś 5 16 12 108 I I ဖ ŝ ω Ś σ 1 ľ Ľ ပ feeders B No. of Radial 650 56 80 56 34 43 44 46 68 47 74 51 S Interconnected feeders No. of 182 36 16 сч СЧ 14 Q 2 10 ω œ 20 ø 14 ¥ Tctal Region NEI NE2 NE3 e  $S_2^2$ S3 C2 IJ S N2 N3 N

ANNEX 5-6-1

					•		•						a sa			
NO. OF UNITS	2	10	<b>Γ</b> Ω	т т	44	4 ~	<b>4</b>					60	51	65	102	33
REGION N3	LOP BURI 1 LOP BURI 2	MANUKUM NAKHON SAWAN	PHECHABUN SING BURI	TAKHLI 2 LOMSAK	CHAI BADAN THATAKO	SALOKBAT	BANG GUN NAN					CIRCUIT BREAKER	CASE 1	SECTIONA- CASE 2 LIZER	CASE 3	RECLOSER
								4,017,-0,04 ⁰ 100 ¹¹ 1100-00		an a			······	· : · ·		r
NO. OF UNITS	-4 M C	o o	oo سَ	9 FT	-4 v)	4	<b>t</b> .					58	44	54	96	37
l N2	PHET		X I X			OK						BREAKER	CASE 1	CASE 2	CASE 3	
REGION N2	AENG	PHAKE PHICHIT	PHITSANULOK PHITSANULOK	SIRIKIT SUKHO THAI	TAK UTTARADIT	SAWAN KHALOK	TOS THE					CIRCUIT BF		SECTIONA- LIZER		RECLOSER
	· .			· · · · · ·							• <b>•</b>	· .		/ . 1.		
NO. OF UNITS	m or .	<1 00	~ ~ ~	N 4	n 4	. 2	4		. *			59	57	77	108	34
IN	7 7 1	n,					· · · · · · · · · · · · · · · · · · ·					EAKER	CASE 1	CASE 2	CASE 3	
REGION	CHIANG MAI CHIANG MAI	CHIANG MAI CHIANG RAI	LAMPHUN 1 LAMPHUN 2	LAM PANG 1 LAM PANG 2	PHAYAO THOEN	MAE NGAT	ONULL MURU					CIRCUIT BREAKER		SECTIONA-		RECLOSER
NO.	, 7 .	m 4	<u>ه</u> د	r 8	.01		13.	14. 15.	12.	800				TOTAL		

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ANNEX 5-6-2

STINU NO. OF ώin 00 9 005 ÷9 45 ŝ 97 42 -1  $\sim$ 2 ო NAKHON RACHASIMA NAKHON RACHASIMA ----CASE CASE CASE CIRCUIT BREAKER **REGION NE3** CHAIYA DHUM PRAKHONCHAI PAK CHONG SECTIONA-LIZER BURI RAM RECLOSER SHIKHIU PHIMAI PHON SURIN NO. OF UNITS ÷ 0001+1000 47 23 29 59 50 UBON RATCHATHANI 1 N ന CASE CASE CASE CIRCUIT BREAKER **REGION NE2** MAHA SARAKHAM AMNAT CHARDEN SECTIONA-LIZER S IRINDHON VASOTHON MUKDAHAN RECLOSER KALASIN SOMDET SISAKET ROIET STINU NO. OF 45 96 72 ŝ ഗത്ത 4 68 . + 4  $\sim$ 4 Ó 3 ო ----CASE CASE CASE CIRCUIT BREAKER NAM PHONG NONG KHAI PHANG KHON SAKON NAKHON NAKHON PHANOM REGION NEI CHUN PHAE KHON KHAEN 1 LOEI JDON THANI 1 UDON THANI 2 KHON KHAEN 2 THAT PHANOM SECTIONA-LIZER BUNG KAN RECLOSER BAN PHAI TOTAL NO

ANNEX 5-6-3

UNITS NO. OF 179 86 95 127 6 0 4 000 ŝ r-00 0 Ś 9 Ś ŝ ÷ 3 DOEMBANG NANGBUAT CASE CASE CASE CIRCUIT BREAKER SAMUT SAKHON 1 KAMPHAENG SAEN REGION C3 NAKHON CHAISI KANCHANA BURI SAMUT SAKHON SAM PHRAN 2 BANG PONG 1 BANG PONG 2 SAM PHRAN 1 SUPHAN BURI SECTIONA-THAMUANG RECLOSER LIZER SIINU NO. OF 174 101 24 8 85 Ŝ δ  $\infty$ 2 ഹ 50 9 CASE -2 CASE 3 CASE PHANOM SARAKHAM CIRCUIT BREAKER 3 CHACHOENGSAO PHANUTUTKHOM BANG LAMUNG CHANTHABURI REGION SECTIONA-CHON BURI AO PHAI BAN BUNG SRIRACHA RECLOSER RAYONG 3 RAYONG 1 RAYONG KLAENG LIZER TRAT NO. OF UNITS 2.34 22 115 123 159 εv Ś 9 8 S δ 3 ŝ  $\infty$ ന് ŝ ÷-CASE CASE CASE VATTHANA NAKHON CIRCUIT BREAKER PRAPHUTTHABAT REGION CI PRACHIN BURI PATHUM THANI NAKHONNAYOK THANYA BURI AYUTTHAYA 2 THONG 1 ANG THONG 2 AYUTTHAYA **WAVANAKHON** SARABURI 1 N 4 BAN PA IN SECTIONA-BANG KHAN SARABURI SARABURI SARABURI RECLOSER BAN MAI CHALAN LIZER ANG TOTAL NO. 0. OI 195. 192. 1. 5 10. 17. 18. r, 4. Ś ം <u></u> નંતં

ANNEX 5-6-4

NO. OF UNITS n o m o d m o n 2 4 くす 40 4 93 54 30 5 i-t 2 m CASE CASE CASE CIRCUIT BREAKER REGION S3 PHATTHALUNG NARATHIWAT HAT YAI 1 HAT YAI 2 SECTIONA-LIZER BANG LANG SONG KHLA RECLOSER PATTANI SADAO SATUN RANOT YALA STINU NO. OF 4 5 m m ŝ ပ်စ 45 ц С 43 75 22 NAKHON SI THAMMARAT 2 n CASE 1 CASE CASE CIRCUIT BREAKER \$2 SURAT THANI REGION THUNG SONG SECTIONA-LIZER CHIEW LAN LAMPOORA PHANGNGA TAKUA PA PHUKET I PHUNPHIN PHUKET 2 RECLOSER KHANOM KRABI UNITS NO. OF 48 43 26 50040 87 S **A** 57 PRACHOAPKHIRI KHAN **---**4 2 m CASE CASE CASE CIRCUIT BREAKER SAMUT SONCKHRAM REGION SI RATCHABURI 2 PHETCHA BURI RATCHABURI 1 SECTIONA-LIZER THAPSAKAE LANG SUAN CHUM PHON PRAN BURI RECLOSER HUA HIN RANONG CHA AM TOTAL NO.

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N1 (2000) ESTIMATED DATA QUANTITIES TO BE TRANSMITTED

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	TOTAL	41		41	101	21	81	5	41	71	n i	77	4 T							652	62	82		118	58		•
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	Re.Ry LOCK	4		4	10	2	80	ŝ	4	~ (	 ייי ניי	~ ~	5		-			-		64					34		
INDICATION	DELAY	4	11	4	10	~	<b>60</b>	<u>س</u>	4	 	 m c	2	*							64							
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	O INST.	12	33	12	30	9	24	5	7.5	51	יר הכ 	<u>ء</u> م	4 4					<u></u>	•	192				• ••••			· · ·
	ON/OFF	4	11	4	10	5	89	ŝ	ব	r~ (	n c	7 4	r							64	62	82		118	34		· · · · · · · · · · · · · · · · · · ·
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ac on	UNITS	φ		4	10	2	80	5	4	-	m c		<b>t</b>						······	64	62	82		118	34		, • , , ,
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# ESTIMATED DATA QUANTITIES TO BE TRANSMITTED N2 (2000)

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SECTIONAL TZER	CASE 2	57						57							57
	I														;
- -	CASE 3	102				. '		102							102
RECLOSER		37						37	1				37		74
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### ESTIMATED DATA QUANTITIES TO BE TRANSMITTED N3 (2000)

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	12 S/S	STINU	CURRENT	POWER	POWER	VOLTAGE	TOTAL	┯╼╍╄╾	ON/OFF	INST.	INST.	INST. DELAY INST.	INST. DELAY INST.	INST. DELAY INST.	INST. DELAY INST. DELAY LOCK (
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SECTIONALIZER	CASE 2	65						65							
	CASE 3	102						102							
RECLOSER		33					-	33							
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13. KHON KHAEN 2	2	9	18	Q	9	7	32	ę	18	18	9	9	9	 1	61
14. BAN PHAI		4	12	4	4	6	22	4	12	12	4	4	4		41
15.															
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11.			**									- <del></del>	*******		·
19.							······						- <b></b>		
CIRCUIT BREAKER		78	234	78	78	34	424	78	234	234	78	78	78	14	794
	CASE 1	55						55							55.
															T
SECTIONALIZER	CASE 2	65						65							65
	CASE 3	116						116							116
															T
RECLOSER		72					<u></u>	72	· ·				72		144

ESTIMATED DATA QUANTITIES TO BE TRANSMITTED NEI (2000)

ANNEX 5-7-4

SUBSTATION         SUBSTATION         SUBSTATION         OUTING         Current Notice         ACTIVE         Reductive         Notation         Outing         C.A.         C.A.           1         FALASIN         5         15         5         3         3         5         15         5         5         3         3         5         15         5         5         15         5         15         5         15         5         5         15         5         5         15         5         5         15         5         5         3         3         6         18         6         6         5         3         3         5         15         5         2         2         12         4         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2	ION         MOLUTE         CURRENT         ACTIVE           10 S/S         UNITS         CURRENT         ACTIVE           FOWER         5         15         5           SKHAM         6         18         6           3         3         27         9           9         27         9         3           9         27         9         2           9         24         8         6           8         24         8         6           8         18         6         18           8         18         6         18           8         12         4         12	and a strange of the second strange of the s		┝┉┸╼╞╼	осж ОСЖ		ج	Ro Rv		
Attack         5         15         5         5         3         28         5         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15         15 </th <th>KHAM 6 5 13 6 6 13 2 7 2 9 2 9 2 9 2 0 1 1 8 0 5 0 1 1 8 0 5 0 1 1 8 0 5 0 1 1 8 0 5 0 1 1 8 0 6 0 1 1 8 0 6 0 1 1 8 0 6 0 1 1 8 0 7 0 9 0 1 1 8 0 1 2 7 0 9 0 9 0 9 0 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2</th> <th></th> <th>43 28 43 48 43 48 43 48 43 49 43 49 43 49 43 49 49 49 49 49 49 49 49 49 49 49 49 49 4</th> <th></th> <th></th> <th>┢┤</th> <th>C.K.</th> <th>LOCK</th> <th>LOCAL CONTROL</th> <th>TOTAL</th>	KHAM 6 5 13 6 6 13 2 7 2 9 2 9 2 9 2 0 1 1 8 0 5 0 1 1 8 0 5 0 1 1 8 0 5 0 1 1 8 0 5 0 1 1 8 0 6 0 1 1 8 0 6 0 1 1 8 0 6 0 1 1 8 0 7 0 9 0 1 1 8 0 1 2 7 0 9 0 9 0 9 0 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2		43 28 43 48 43 48 43 48 43 49 43 49 43 49 43 49 49 49 49 49 49 49 49 49 49 49 49 49 4			┢┤	C.K.	LOCK	LOCAL CONTROL	TOTAL
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M         27         9         27         9         27         29         27         29         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         27         21         21         21 <td>9 27 2 6 6 18 8 24 6 1 6 18 8 18 6 18 8 18 6 18 8 18 6 18 8 12 8 12</td> <td></td> <td>48 7 7 8 7 8</td> <td>ŝ</td> <td></td> <td></td> <td>m</td> <td>m</td> <td>i cont</td> <td>ŝ</td>	9 27 2 6 6 18 8 24 6 1 6 18 8 18 6 18 8 18 6 18 8 18 6 18 8 12 8 12		48 7 7 8 7 8	ŝ			m	m	i cont	ŝ
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CHATHAMIT I     6     18     6     6     18     6     18     6     18     6     18     18     6       ARDEN     4     6     18     6     6     5     33     6     18     18     6       ARDEN     4     12     12     6     18     6     18     18     6     18     18     6     18     18     6     18     18     6     18     18     6     18     18     6     18     18     6     18     18     16     18     18     6     18     18     6     18     18     6     18     18     6     18     18     6     18     18     6     18     18     6     18     18     16     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12     12 <td< td=""><td></td><td><u>_</u></td><td></td><td>90</td><td></td><td><u>.</u></td><td>00</td><td>œ</td><td></td><td>81</td></td<>		<u>_</u>		90		<u>.</u>	00	œ		81
Albrini I       6       18       6       5       35       6       18       18       6         Albrini       4       12       1       4       2       2       33       6       18       18       6         Albrini       4       12       1       2       2       2       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4	17 88 8 17 88 8 19 9 9 19 9 19 9 19 9 19 9 19 9 19		ŝ	9	· .		م	و		19
Albertial     6     18     6     6     3     33     6     18     18     6       Albertial     4     12     12     4     2     22     4     12     12     4       Bit     55     55     55     55     55     55     55     55       Case 1     32     165     165     55     55     55       Case 3     76     1     76     165     55       Case 3     76     76     76     76	4 Q	<u></u>	35	Q			9	9	, ei a 4	61
ADER         4         12         4         2         22         4         12         12         4           R         55         165         55         29         304         55         165         165         55           EN         55         165         55         29         304         55         165         165         55           CASE 1         32         40         76         40         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76         76 <t< td=""><td>4</td><td></td><td>33</td><td>Q</td><td></td><td></td><td>9</td><td>9</td><td>1</td><td>6</td></t<>	4		33	Q			9	9	1	6
ER     55     55     29     304     55     165     55       CASE 1     32     165     55     29     304     55     165       CASE 1     32     1     165     165     165     165     165       CASE 2     40     1     22     165     165     165     165       CASE 3     76     1     76     76     165       59     59     59     59			22	4	- <u></u>	i	4	4	:	41
BR         55         165         165         165         55           GASE 1         32         165         304         55         55           CASE 2         40         32         40         55         55           CASE 2         40         55         55         55         55           CASE 3         76         40         76         40         59           59         59         59         59         59         59         59						• • •				
R     55     55     165     165       CASE 1     32     304     55     165       CASE 1     32     165     165       CASE 2     40     76     32       CASE 3     76     76     76       S9     76     76     59										
EN     55     165     55     29     304     55     165     55       C43E 1     32     165     55     55     29     304     55     165     55       C43E 2     40     32     40     32     40     56     56     55       C43E 3     76     76     59     59     59     59					 					
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ER     55     165     55     165     55       CASE 1     32     304     55     165     55       CASE 1     32     40     40     40       CASE 3     76     76     76       S     59     59     59				<u></u>						
ER     55     165     55     29     304     55     165       CASE 1     32     32     32     32     32       CASE 2     40     40     40       CASE 3     76     76       59     59										
CASE 1       32         CASE 2       40         CASE 3       76         CASE 3       76         S9       59	BREAKER 165		304	5	y ar a <del>an an</del>		55	55	10	560
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CASE 3 76 76 59 59 76										-
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28										
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NE2 (2000) ESTIMATED DATA QUANTITIES TO BE TRANSMITTED

ANNEX 5-7-5

# ESTIMATED DATA QUANTITIES TO BE TRANSMITTED NE3 (2000)

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	LOCAL	CONTROL	and and and and and and and and and	10				
N	Re.Ry	LOCK	ఐ గ ర ర గ గ గ శ ర	64				42
STATUS INDICATION	G.R	DELAY	జుల చే దం దం దు 4 4	64				
TATUS I		INST.	ಜಗದರೆ. ನಗಗಗಗಗಗಳ	64				
	OCR	DELAY	21258888883355	192				
		INST.	51228888 <u>8</u> 3325	192				
	ON /ORE	UM/ VEF	დ ო ნ ე <i>დ დ დ ო ა ა</i>	64	45	53	97	42
	TOTAL		5 7 7 8 5 7 9 9 7 7 8 7 5 7 7 8 7 9 9 7 7 8 7 5 7 7 8 7 9 9 7 7 8 7	348				
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MEASURED VALUE	REACTIVE	POWER	ω Ν Ο Ο Α Α Α Α Α	64				
W	ACTIVE	POWER	జులంలంగు 4 4	64				
	CURRENT	Turring	25 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	192 -				
ac on	I <u></u>		8 v 0 0 v v v v 4	64	45	53	26	42
-		10 S/S	ASIMA 1 ASIMA 2 ASIMA 2		CASE 1	CASE 2	CASE 3	-
	SUBSTATION		BURI RAM CHAIYA DHUM NAKHON RACH NAKHON RACH PAK CHONG PHON SHIKHIU SURIN PHIMAI PHIMAI PRAKHONCHAI	CIRCUIT BREAKER		SECTIONALIZER		RECLOSER
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## ESTIMATED DATA QUANTITIES TO BE TRANSMITTED CI (2000)

		ac vn		1 1	MEASURED VALUE	JE					STATUS IN	INDICATION			
SUBSTATION	t 19 S/S	UNITS	CURRENT	ACTIVE POWER	REACTIVE POWER	VOLTAGE	TCTAL	ON/OFF	OCR INST.	DELAY	G.R INST.	R DELAY	Re.Ry LOCK	LOCAL CONTROL	TOTAL
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		9	18	9	9	n	33	9	18	89	و	0	ø		61
3. AYUTTHAYA 1		Ś	15	v	ŝ	5	27	<u>``</u>	5	15	Ś	<u>س</u>	Ś		5
4. BANG KHAN		8	24	80		ŝ	43	80	24	24	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	80	00	en 4	63
5. BAN MAI		80	24	ø	80	e	43	60	24	24	8	60	80		10
6. BAN PA IN		9	18	Q	ę	M	33	9	18	18	Q	9	9		61
	÷	10	30	10	10	ო 	ŝ	10	30	30	10	10	10		101
8. PATHUM THANI		00	24	89	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	5	42	8	24	24	8	00	60	- <b></b> 4	60
		6	27	6	6	4	. 49	6	27	27	6	6	5		16
•		<u>т</u>	27	9	51	4	49	9	27	27	6	6	6		5
	:	<u>س</u>	6	ę	m		17	m	5	9	<del>ر</del>	ო ი	m		
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		r~	21	- 7	2	m	38	~	21	21	r	2	7	1944	71
		00	24	83	83	ب ب	43	ø	24	24	60	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	00		81
	NOH	4	12	4	4	3	22	4	75	12	4	4	4		1
	T	. 4	12	4	4	2	22	4	12	12	-4	7	4	) s=4	7
		4	12	4	-4	61	22	4	12	12	4	4	4		41
-		4	12	4	4	5	22	4	12	12	4	4	4		41
•		ŝ	<u>5</u>	Ś	ŝ	5	27	ŝ	15	15	ŝ	S.	ŝ	ra	27
CIRCUIT BREAKER		116	348	116	116	50	630	116	348	348	116	116	116	61	1,179
	CASE 1	124						124							124
SECTIONALIZER	CASE 2	160						160							160
	CASE 3	236						236							236
RECLOSER		22						22					22		44
			:						- ····				:		

		NO. OF		M	MEASURED VALUE	<u>.</u>					STATUS I	STATUS INDICATION			
SUBSTATION	N 14 S/S	UNITS	CURRENT	ACTIVE	REACTIVE POWER	VOLTAGE	TOTAL	ON/OFF	INST.	OCR DELAY	CINST.	G.R DELAY	Re.Ry LOCK	LOCAL CONTROL	TOTAL
1. AO PHAI		4	12	7	4	2	22	-4	12	12	4	4	4	-	¢1
2. BAN BUNG		•	21	~	~	i m	80	7	21	21	7	~	~		11
3. BANG LAMUNG		6	27	σ	<del>ر</del>	4	49	0	27	27	6	5	6		61
		6	27	<u>б</u>	5	4	49	° ന	27	27	6	σ	5	-	16
	0	60	24	60	æ	en en	43	80	57	24	60	8	00	p-st	81
		10	30	10	10	<del>რ</del>	53	10	30	30	10	10	10	 #**1	101
7. KLAENG		5	15	5 S	20 2	c4	57	Ś	51	15	ŝ	ŝ	Ś		21
		5	27	5) ·	φ.	4	64	9	27	27	6	9	ά	~	16
		7	0	~	64	<b>6</b> 7	12	2	0	: 0	01	2	7	-4	21
		10	90	10	10	4	54	10	30	30	10	10	10		101
		5	5	5	ŝ	m	28	ŝ	15	15	ŝ	Ś	Ś		51
•	~	4	12	4	4	7	22	4	12	12	4	4	4	 F1	43
13. PHANOM SARAKHAM	NKHAM	4 •	12	- t	. 4	~~~	22	4	12	212	4	4 •	4.		44
15. 15.	-	+	4	t	ł	4	77	1	77	77	4	t	1	-	4
16.	_ •												·		
17.															
18.															
• • • •															
CIRCUIT BREAKER		06	270	06	06	40	490	06	270	270	05	06	06	14	914
	CASE 1	85				-		85							85
SECTIONALIZER	CASE 2	101						101							101
	LACE 3	174						174	   						174
RECLOSER		24						24		<del>.</del>			24		48
									_		-			~~	

ESTIMATED DATA QUANTITIES TO BE TRANSMITTED C2 (2000)

ANNEX 5-7-8

4-/-C VENNE				MY A PROPERTY AND A PARTY						č	1	TO THE TO TH				
SUBSTATION	NO	NO. OF		ACTIVE	REACTIVE	2			OCR		CTATUS IND.	G.R.	Re. Rv	LOCAL	T	
	12 S/S	UNITS	CURRENT	POWER	POWER	VOLTAGE	TOTAL	ON/OFF	INST.	DELAY	INST.	DELAY	LOCK	CONTROL	TOTAL	
1. BANG PONG	I	00	24	80	80	4	44	œ	24	24	60	n	00	 	e1 00	
	2	6	27	6	đ	4	49	9	27	27	5	6	<i>с</i> ъ	р.ч.	16	
3. KANCHANA BURI 4 KAMPHAFNC SAFN	URI	~ v	21	r~, ur	v	m e	38	<b>5 15</b>	21	21	~ ~	r	~ v	pat pr		
	ISI	۱ <b>თ</b>	27	) <b>م</b>	 ۱ თ	1 -3	64	<b>ا</b> م ا	32	2.5	- σι 1 σι	ით	ם ה י	4 pml	16	·
		80	24	ØQ -	Ø	ŝ	43	ØĴ	24	24		~~~~	80		54 81 81	
		0	30	10	0	ጠር	5	10	83	99	<u>o</u> `	<u></u>	9		101	
0. SAMUT SAKHUN 0. STIPHAN RIDT	UN Z	o u	200	v, a	ه بد	N 0	7 6	9 4	2 2	2 2	o v		04		10	• .
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	2	10	30	10	10	4	54	10	30	30	10	10	10	,	101	
12. DOEMBANC NANGBUAT	ANGBUAT	4	12	4	4	~	22	-5	12	12	4	4	4	) Prot	41	÷
14.																
15.			~~~~													
16.																
16.											<u> </u>				1	
·6F		, ,	· · · ·				· · · ·			 				· · · · ·		•
CIRCUIT BREAKER		80	264	88	88	37	477	88	264	264	88	88	88	12	892	
	CASE 1	67					1 1 1	67							26	. •
SECTIONALIZER	CASE 2	129						129							129	· .
	CASE 3	183	-					183							183	
RECLOSER		19						19					19		38	-

-						•	
	TOTAL	22222222222222 22222222222222222222222	492	43	57.	87	52
	LOCAL CONTROL	المراجع المراجع المراجع المراجع المراجع المراجع	.12				
L.	Re.Ry LOCK	NN9040404444	48				26
VDICATION	.R DELAY	らうのままな	48				
	G. INST	ららるるようみんみなみ	48				
	CR DELAY	2289292929232 2289292929232	144				
	INST.	<b>おおあっ 2 ゅ 2 ゅ 5 5 5 5</b>	144				
	ON/OFF	そうのうようよくよくよ	48	43	57	87	26
	TOTAL.	222 222 222 222 222 222 222 222 222 22	267				
E	VOLTAGE	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	27			•	· .
ASURED VALU		ららのみのみなすな	48				
ME	ACTIVE POWER	こうのうみるみこみみみみ	48				
	CURRENT	51 29 29 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	144				-
40 0A	UNITS	๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛	48	43	57	87	26
	12 S/S	I XHAN RAM		CASE 1	CASE 2	CASE 3	
	SUBSTATION		CIRCUIT BREAKER		SECTIONALIZER		RECLOSER
	MEASURED VALUE STATUS	NO. OF         MEASURED VALUE         MEASURED VALUE         STATUS INDICATION           12 S/S         UNITS         CURRENT         ACTIVE         REACTIVE         VOLTAGE         TOTAL         ON/OFF         OCR         G.R         Re.Ry         LOCAL           12 S/S         UNITS         CURRENT         POWER         VOLTAGE         TOTAL         ON/OFF         INST.         DELAY         INST.         DELAY         LOCK         CONTROL	NBSTATTON         NO. OF I2         MALUE         MALUE         MALUE         MALUE         MALUE         STATUS INPICATION           12         S/S         UNITS         CURRENT         ACTVE         REAGTIVE         VOLTAGE         TOTAL         ON/OFF         ACTVE         REAGTIVE         MALUE           CHA         5         112         S/S         5         5         5         5         5         5         5         5         5         5         10         CRA         CONTAL           CHA         6         18         6         18         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         11         12         12         12         12         12         12         12         12         12         12         12         12         12         12         12         12         12         12         12         12         12         12	SUBSTATION         NO. OF UNITS         DEAMINED VALUE         STATUE TOTAL         STATUE TOTAL         STATUS TOPICATION           12 S/S         UNITS         CURRENT         ACTIVE         REACTIVE         REACTIV	SUBSTATION         NO. OF UNITS         MALSURED Carebox         MALSURED ACTIVE         MALSURED REACTIVE         MALSURED REACTIVE         MALSURED REACTIVE         MALSURED REACTIVE         MALSURED REACTIVE         MALSURED REACTIVE         MALSURED REACTIVE         MALSURE REACTIVE         MALSURE REACTIVE         MALSURE REACTIVE         MALSURE REACTIVE         MALSURE REACTIVE         MALSURE REACTIVE         MALSURE REACTIVE         REACTIVE REACTIVE         REACTIVE REACTI	ILEGATION         NO. OF         STATUS INFOLVATION           IL2 S/S         UN. OF         ACTIVE         REGUTE         VALUE         TOTAL         ON/OFF         TINCT         DELAT         Re. P/         Re. P/	SUBSTATION         NO. OF INSTATION         NO. OF INSTATION         REASTINED WILE FRAME         REASTINE TO INSTATION         STATT REASTINE INSTATION         NO. OF INSTATION         STATT INSTATION         State is a sta

				£	MEASURED VALU	E					STATUS INU	INDITENTION			
SUBSTATION	NN 12 S/S	UNITS	CURRENT	ACTIVE	REACTIVE POWER	VOLTAGE	TOTAL	ON/OFF	INST.	R DELAY	G.R INST. I	DELAY	Re.Ry LOCK	LOCAL	TOTAL
													,		
			5			7		-	 	n			-1		194
2. KRABI	•	~	9	5	2	~	12	7	9	\$	2	~	2		21
		2	9	5	7	2	12	2	9	9	2	7	2	padi	21
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	TT LINGAN CANADA	) V						1 4		2	<u> </u>	1 1	 1 U		4 P
	1 000415.0213	<b>,</b>	20	2 7	<b>,</b> , ,	יר	יייי זיי	<b>)</b> (*	9 0	2 d		 7 (	<b>)</b> (		5 6
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IZ. SURAT THANI		4	72	4	4	N	22	4	12	12	4	4	4		41
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CIRCUIT BREAKER		51	153	51	51	27	282	51	153	153	51	51	51	12	522
	CASE 1	41			-			41	-						41
SECTIONAL 12ER	CASE 2	49						49							49
	CASE 3	87						87							87
4400 m		e c													
KEULUDEK		77				: :		77					77		7

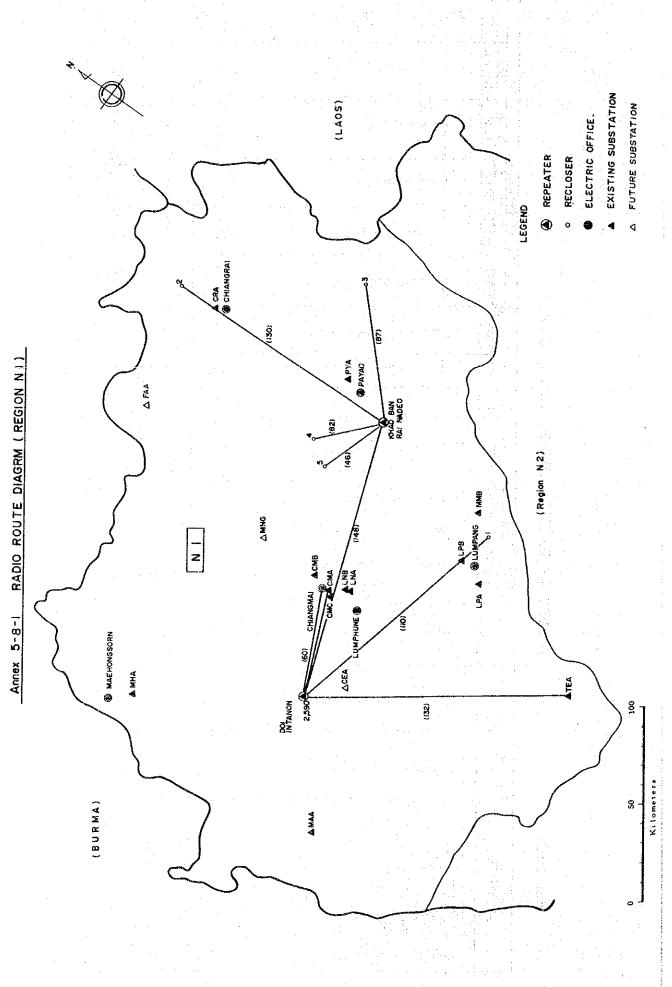
ESTIMATED DATA QUANTITIES TO BE TRANSMITTED S2 (2000)

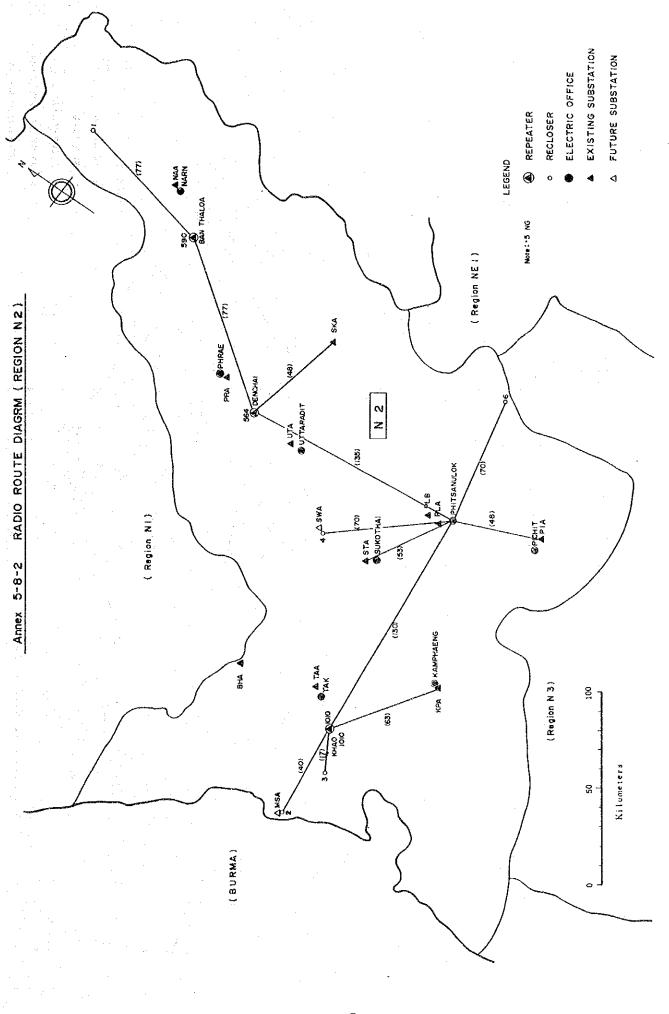
ANNEX 5-7-11

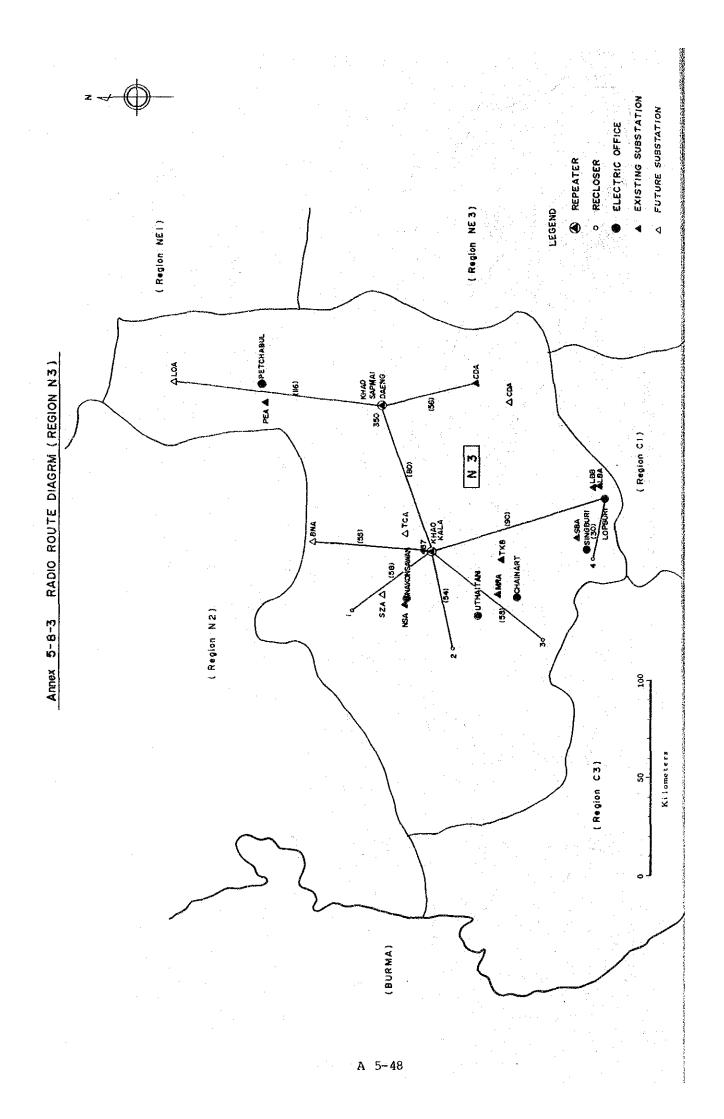
# ESTIMATED DATA QUANTITIES TO BE TRANSMITTED S3 (2000)

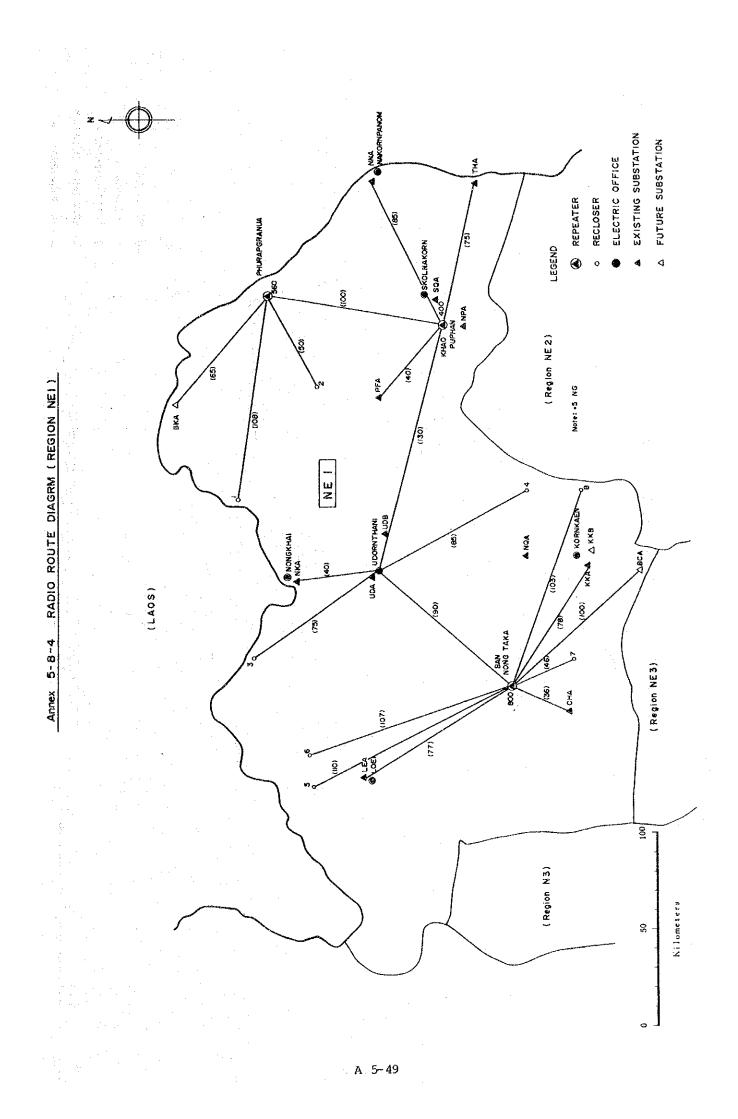
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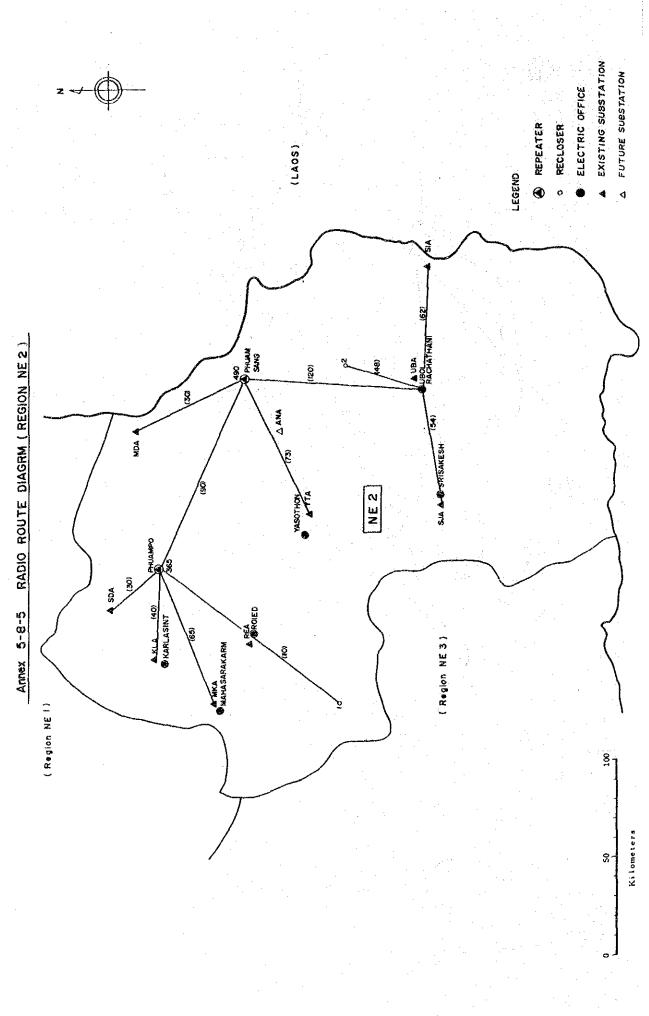
		SUBSTATION II S/S	BANG LANG HAT YAI 1 HAT YAI 2 HATTHUAT PHATTHALUNG SADAO SADAO SADAO SATUN RANOT RANOT	CIRCUIT BREAKER	CASE 1	SECTIONALIZER CASE 2	CASE 3	RECLOSER
	- 40 - 08	UNITS	≅ფო७4ფფე♀44	57	48	54	66	30
1		CURRENT	24.3 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 122.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.2 12.	171				
· · ·		ACTIVE POWER		57				
	MEASURED VALUE	REACTIVE POWER	- ∞ ๙ ๛ ๛ ๛ ๐ ๋ ๋ ๋ ๋ ๋ ๋ ๋	57				
	UE	VOLTAGE	~~~~~~~~~~~	27				
		TOTAL	55538837233757 55538887	312			-	
		ON/OFF	∽∞w@4w@wÖ44	57	48	54	66	30
		OCR INST.	52953953958 129953955	171				
	S1	DELAY	12 2 3 2 2 4 3 3 2 7 8 5 7 8 8 7 3 9 7 3 9 7 3 9 7 3 9 7 3 9 7 3 9 7 7 9 7 9	171				
	STATUS INDICATION	INST. I	- ∞ ๓ ๛ գ ๗ ๛ ๗ Ⴓ գ գ	57			 	
:	ICATION	DELAY	- ∞ m ゆ 4 u o n O 4 4	57				
		Re.Ry LOCK		57				30
		LOCAL	हम्मे रुप्ते रुप्ते रुप्ते रुप्ते रूप्ते रूप्ते रूप्ते रुप्ते रुप्ते रुप्ते	11				
		TOTAL	188894855044 18889485044	581	48	54	66	60

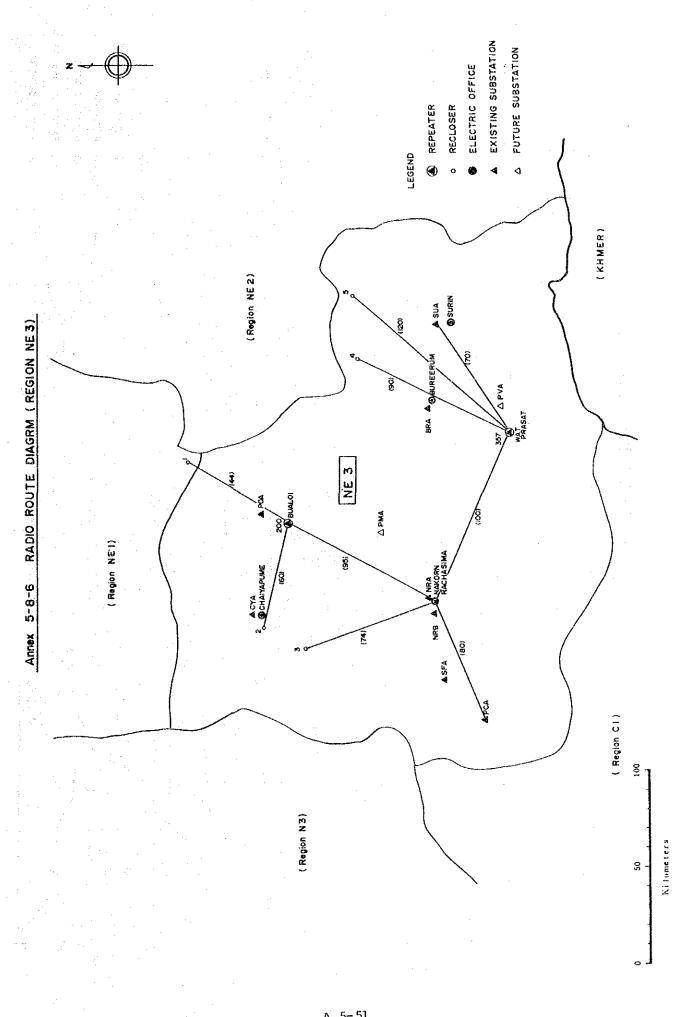


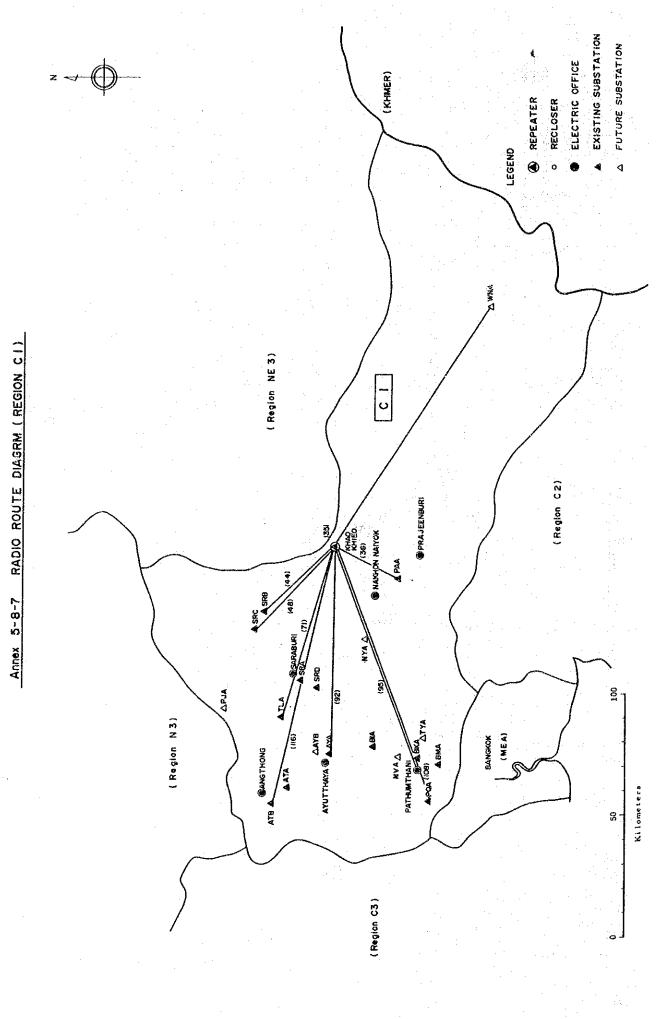


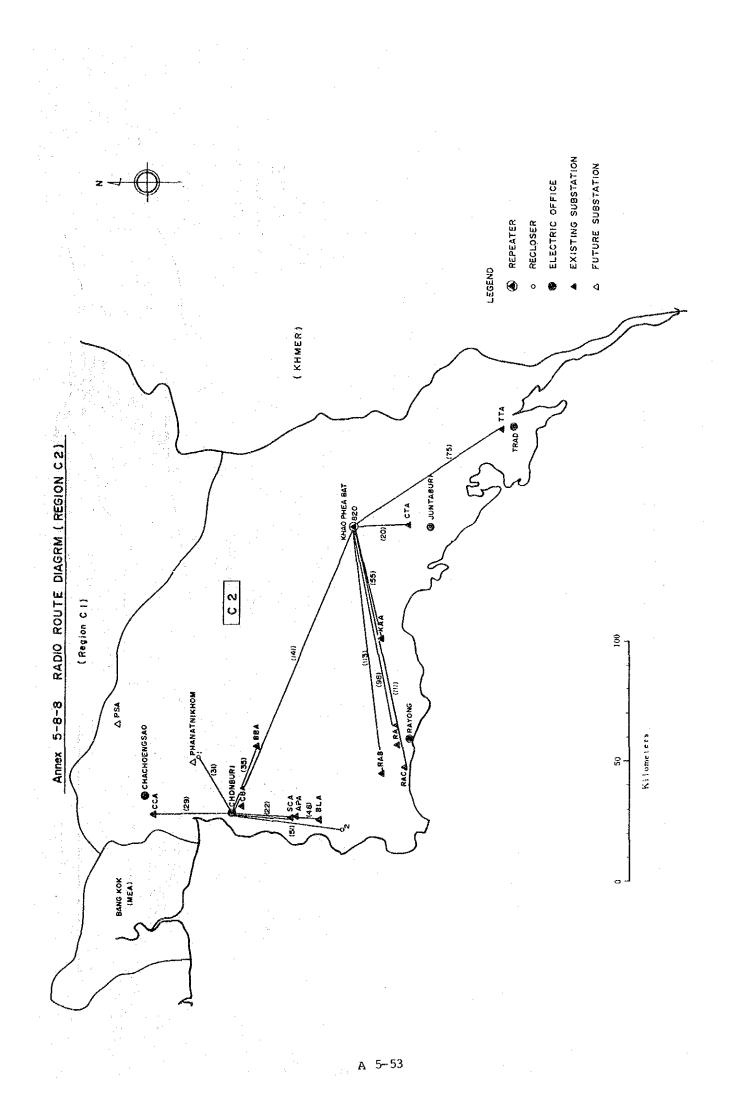


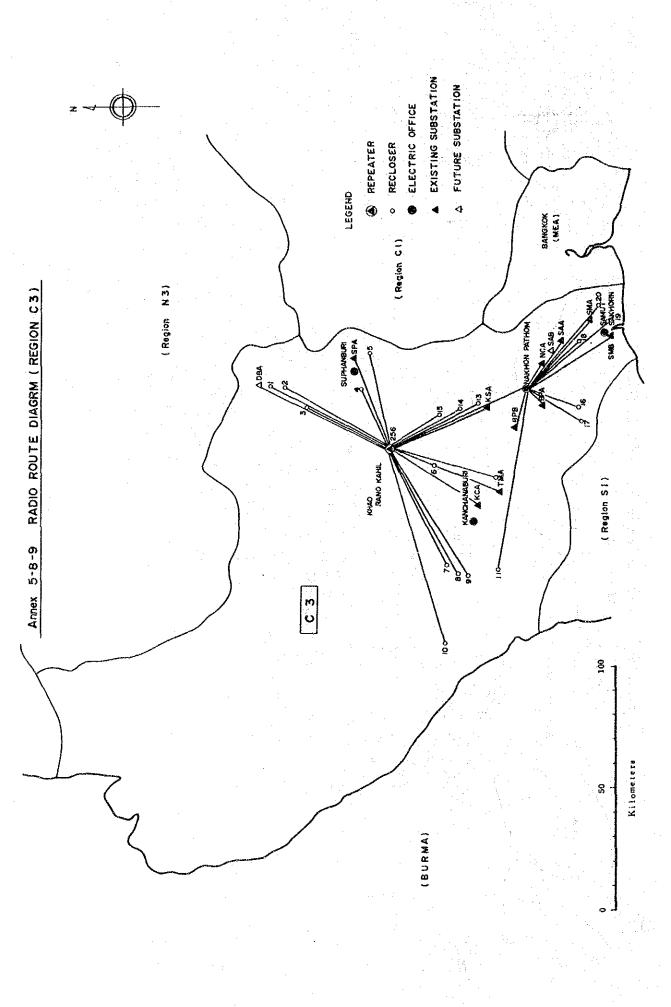




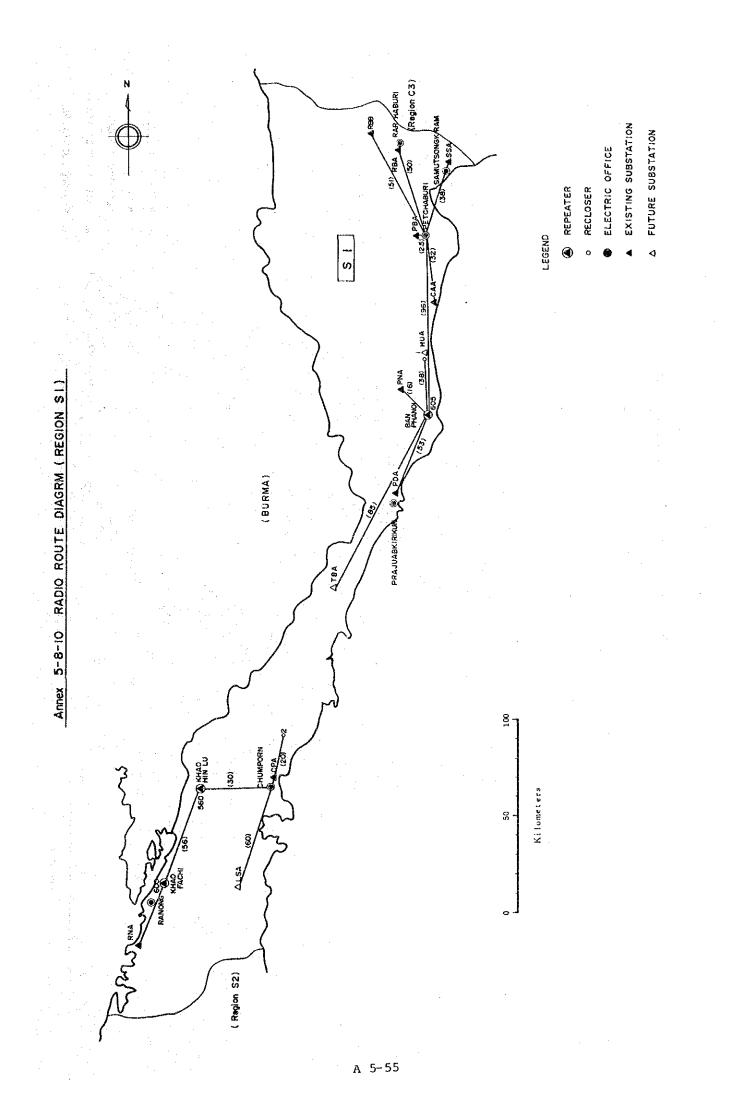


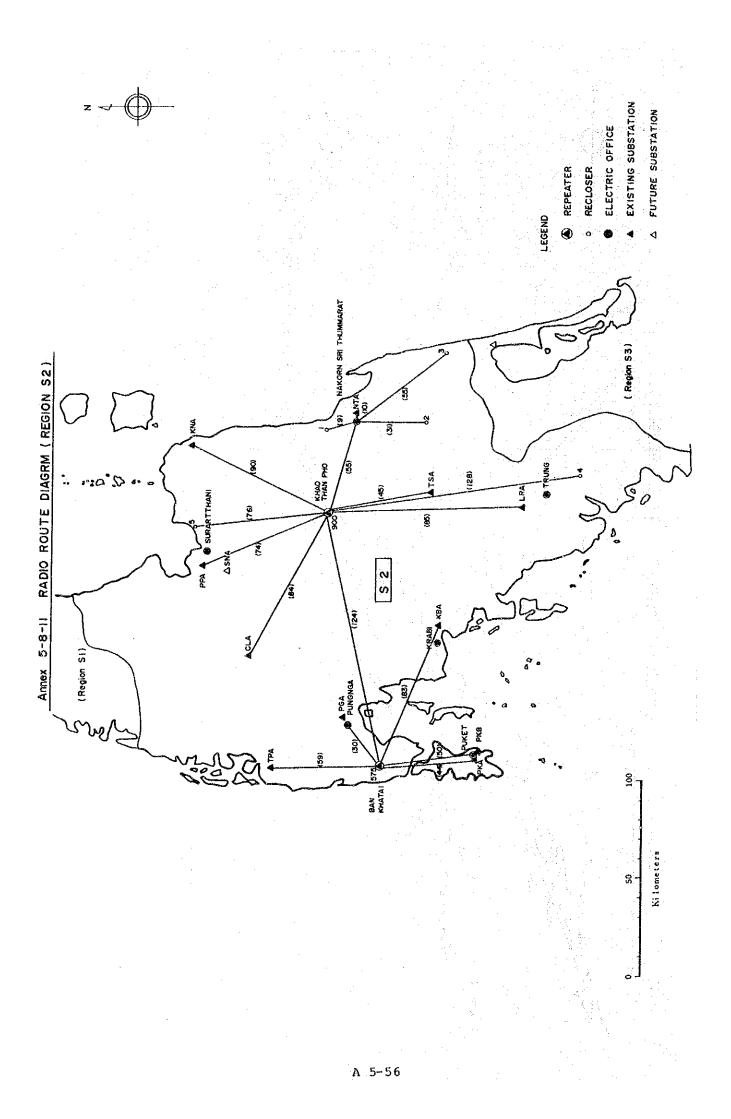


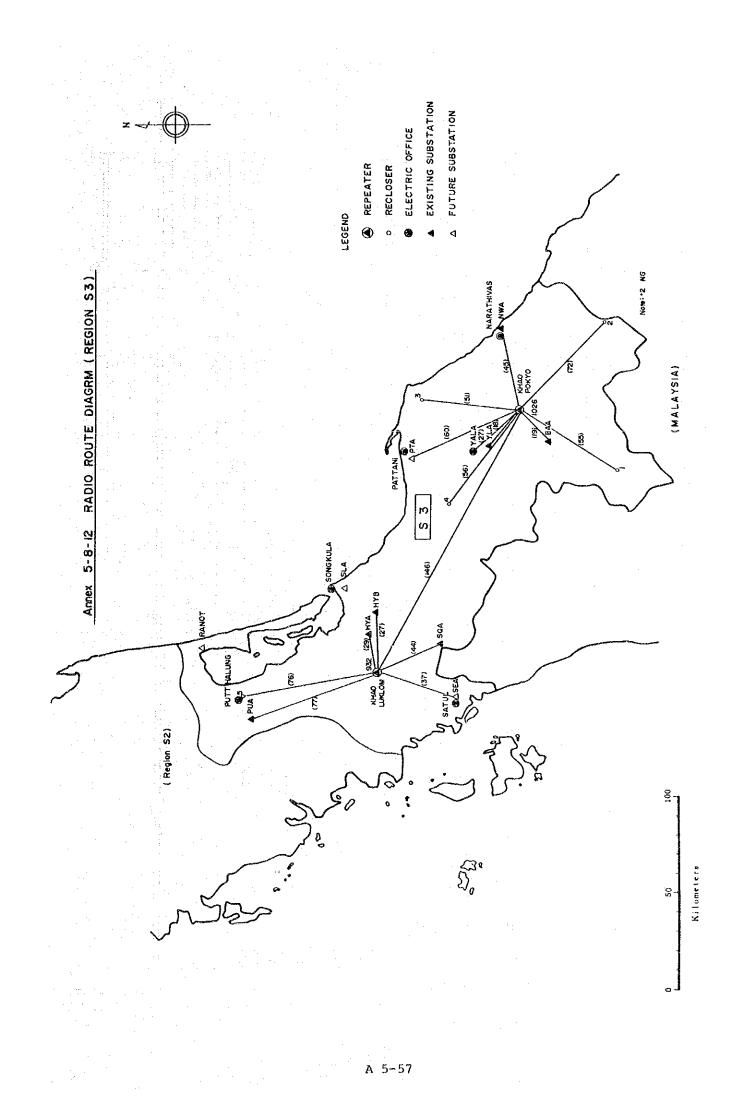




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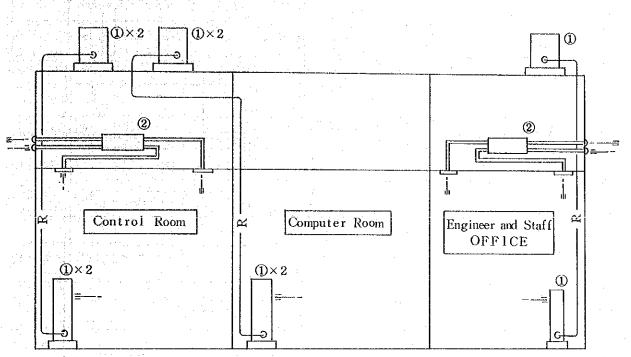






÷, 2 က 4,6 2.5 4'952 ₹ D TENTATIVE LAYOUT OF DISTRIBUTION DISPATCHING CENTER (C3) 3,0,0 0 ENGINEER AND STAFF Þ OFF ICE **(m)** ___ 1,700 Ħ  $\odot$ 1800kg SYSTEM 4,200 WEIGHT OF EQUIPMENT Line Printer 1308 290kg CPU 260kg MT 300kg Interface 300kg  $\bigcirc$ QN ND I/O Console SYSTEM CRT 15kg x 2 250kg 4,200 Logger FEP 25kg x 2 200kg MTU μ 100kg x 2 Operator Console 4,200 (tri VDU 4 0kg x 2 Annex 5-9300kg 4,200 Minic Board 6

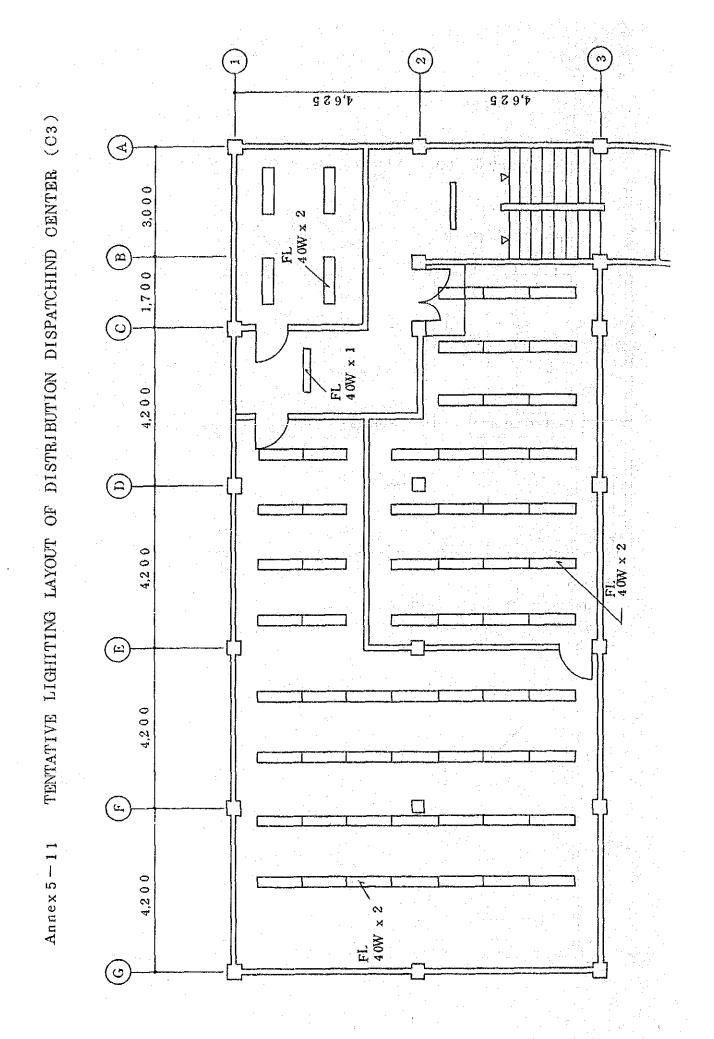
Annex 5-10 AIR CONDITIONING SYSTEM



Legend

①: AIR COOLED PACKAGE

**② : HEAT EXCHANGE TYPE VENTIRATING UNIT** 



	(Unit: 1,000 US\$)				
	Dual System				
Item	F.C.	L.C Duties	C. Others		
Central Processor Unit, Magnetic Disk & Tape, etc.	459	168			
Master Telecontrol Unit, Front End Processor	224	82	·		
Operator Console Unit	109	40			
Line Printer, Logger	23	8	2		
Power Supply Unit	255	138			
Software (Application)	349	128			
Architecture	0	0	144		
Sub-total	1,419	564	146		
Software (Control)	1,395	511	0		
Total	2,814	1,075	146		

#### ANNEX 7-2 CONSTRUCTION COST OF TRAINING UNIT

⁽Unit: 1,000 US\$)

Ttom	F.C.	L.C.		
Item	·····	Duties	Others	
Central Processor Unit, Magnetic Disk & Tape, etc.	127	46		
Master Telecontrol Unit, Front End Processor	168	61		
Operator Console Unit	46	17		
Power Supply Unit	20	7	1	
Software (Application)	155	57		
Substation Remote Terminal Unit	38	20		
Feeder Remote Terminal Unit	21	11	·	
Total	575	219	1	

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