APPENDIX

for

CHAPTER 6

(6.3-2)

	Age Substation	Voltage					. 4:		100	Jen J	Buck configuration	٤	Zude	:	coincident	
		€	Bunk	Sunk configuration		Capact ty'	COINCIGENT (XX)	(NYA)	factor (%)	18	ביצון זעמן קו	5	(MYA)		(III)	CNYA
	Bangbon	69-12	×		×	· .	0.00	0.00	0.0	×		×	- * 3	0 9	5 6	0.00
		69-24	: I:	40	×	120	64. 08	32.30	69. 1	×	9 8	× ;		021	7 G	
	Bangchai long	115 24	× ~	8	×	120	65. 67	84.96	70.00	-	200	× ;		200	5	0 00 0
	Bangkapi	69-12	×	Q (× ;	OS 5	£ 6	7. 62 5. 63	25.00	× ×	S	۰¢۰	5	9 G		89.99
1.1		12-69	١.	00	<,	001	36. 42 36. G.1	07. 71	30.8		2	 		8	5.	
1	1	172-01	۲) د	9		120	5	73 16	6.09		C.	×		120	=	71.18 95.62
٠	- 1	71-60	١.	4	« ×		00.0	0.00	0.0			×		0	0.0	
d	Dengk 10	21 - 60 80-94	< ×	07	(×	30	41:15	53.24	86.6	2	40	×			3.	34, 52 14, 50
7	Bangkok noi	69-12	×	40	×	40	18. 72	24. 22	9.09	x		×		0	0	•
		69-21	× -	60	×	90	27. 60	35.71	39.5	×	ę	×	60	99.	200	
8	Bungkrachad	69-12	×	2	×	20	8 . 93	11.53	57.8	×		×	-		٠ :	
	A Section of the second	69-24	×		×	6	0.00	0.00	0.0	×	8	×			2 3	14. 56 18. 78
×	Bangraod	21-89 88-13	X &	(1 0)	×	& :	38.53	51:14	65.5	× >	G	× `>			3 K	0.00 n.00
()		68-24	×	G2	×	09	3). ((41.10	000	,	OG .	,				
2	Dengra	21.69		•	× >	÷	7. 00	3 6	66.7	(X	- -	(×			5.2	40, 20 51. 82
		17-54	× >		× >	140	70.59	91.04	65.2	×	2	×	90	91	9	
: [3		10-24	× :	7 07	< >	061	68 57	96 13	2 6	×	S &	 			18	63, 88 82, 34
1	Т	52-51	. 1	(61)	k)	031	69.51	09.50	73.0	×	3	×			٥	
<u>2</u>	Sangplaxod	21-12	× >	(40)	« »	671	00.0	5 6 6	9 6	× ج	9	×	-		8	38. 50 75. 11
82	Bangolee	69-24	× ~	09	×	120	59.25	76. 66	63.9	× ~	90	×		120 5:	12	3. 59 69. 08
17	1	15.24			×	0	0.00	0.00	0.0	×		×			٠,١	
15	Braggoogpang	69-12	×		×	0	00.00	0.00	0.0	×		×			•	00 0.00
		69-24	×		×	0	0.00	0. 00	0.0	×		×			0	
		115-24	2 ×	60	×	120	62.18	80. (5	67.0	×	9	×			NO 1	
22 9	Bangpood	69-24	1		×	0	0.00	0.00	0.0	×		×			٠.	:
. I		115-24	- 1	09	×	120	48.00	62.10	51.8	×	9 5	×,		180	ๆเ	25 36 51 66
- 1.		115-24		40	×	28	45.82	59. 28	1 (1)	x :	2 5	× .			3 6	
	7	115-24	×	- 60	×	021	12. 27	54. 59	45.5	× :	2 5	× ;			7 0	
	Bangsaotong	115-21	×	09	×	9	32.83	42.55	70.9	×	2	×			77 5	
¥ 20	Bungyeekhan	69-12	×		×	0	0.00	0.00	0.0	× :	\$	× >		⊃ ະ ສະຊ	٠,	99 60 00 00
_	7	69 24	× 2	40	×	S	40.78	52. (b	2 2	× 2	2 5	,			٠ <u>۱</u>	
21		115-24	×	60	×	9	33 87	43.82	73.0	× :	98	×		275	-1 <	-
ಶ ೫	Chankasce	69-12	× 	9	. :	₽ ;	17. 60	11 22	5. S	× :		x '3		2 2	2 P	00 00 00
	Т	69 24	- 1	0.0	×	201	18.58	50 03	20.02	× ×	4	< ×	0.0		~ ∽	
3	Crisalos	230.12	()	2	· ··×			50	0.0	2	09	×		120 53	- 00	86 69 13
NO FG	Progressor	61.69	*		×		0.60	B 0	0.0	×	-	×			13	
- 5	11	54 24 54 24	; x		×	0	00.0	0.00	0.0	:		×		0	.≘	00 0 0 00
		7 ST	× ،	65	×	120	51, 79	67.00	80.55	×.	2	×	-	1E 081	.5	
¥ 18	Bushmon	59 24	!	80	×	180	74. 53	96. 12	53.6	9	92	×			. 3	
Т:	: 1	59-12	×	(40)	×	80	41.94	54. 26	67.8	×	2 ·	×			0.9	
	1.1	F9-24		. 09	×	26	27, 19	35. 18	58.6	×	99	×		8 08	5	9.56 115 11
27 13	Klongian	69 12	×		×	0	0.00	0.00	0.0	×		×		0	9	0.00 0.00
1.		69-24	×		1	160	56.22	72, 74	45.5	-	2	× 2	60	091	2	
13 ES	Klongeai	69 12	×		×	0	00.00	0-00	0.0	×		×		0	2	0.00 0.00
- <u>.</u> 	\$1	69-24	× 2	69	×	120	43, 33	56.06	46.7	2	09	×		120 68	의	58. 96 88. 89

Appendix 6.3-2 Load and Installed Capacity of Distribution Substations (JICA Study Team Plan, Planning Year = 2001 - 2016)

-	C. besters for	N- to-				1100		1						901	9			
gov De	Soustailon	101 Table	Rink con	Runk configuration		Capacity	Coinci		non-coinci	utilization	Bank	Bank configuration	5	S S		coincident	non-coinci	utilization
		(EV)				(AVA)	(XK)	1		factor (Y)	-			(XXX)		1	(NY)	factor (%)
1 88	Bangbon	69-12	×		×		0	0.00	0.00	0.0	×		×		0	0.00	0.00	0.0
		69-24	3 ×	40	×	-	20	19. 20	63, 27	52. 7	60	Cl:	×		120	52. 19	.66.77	55.6
NB 2	Bangcha long	115-24	3 ×	90	×			95. 25	122. 19	68. 1		99	×		180	100.03	128.06	71.1
3 B4	Bangkapi	69-12	x		. ×			0.00	0.00	0.0	×		×	: ;	0	0.00	0.00	0.0
		69 24	- 1	40	. 1			78 93	101:50	53.4	- 6	0, 0	× >	Z	180	91.3	116. 83	73.0
A A	Bangkhaen Providence	52-61	×	2 5	×		181	79 14	100.31	77.3	×	9	×		150	70.87	90 67	73 F
	Racek Jo	61-69	1.	7	< ×			9	0.00	0.0			×		0	0.00	0.00	0.0
. ŧ.		2-89	×	9	×		· \$	95 01	52.16	65.2	-	- 10	×	. 09	100	18.08	61.51	61.5
08 2	Bangkok noi	69-12	×		3		0	0.00	0.00	0.0		•	×		0	0.00	0.00	0.0
9		69-24	×	2 40	E x	-	99	52.58	80.99	200	× >	40	×	2	08	02 93 02 00 02 00	85.47	53.
ਰ •	Name A racing	21.59	× ×	· 2	× ×		- 03	22 00 22 00	v. w 28. 29	23.6	2	60	· ×		120	31.21	39.97	33.0
18 S	Bangwod	69-12	×		×			0.00	0.00	0.0	×		×		0	0.00	0.00	0.0
3.1		69-24	×	05	×		08	81. 49	108.65	25		09	×		180	86.78	111.03	2-19
26 62	Bungna	21 69	×		×			8 8	S 8	0 ;	×		× ;		0 6	0.00	8 ; 0 ;	0.0
=	Renorms inch	FZ -51	× ×	2 2	× ×		26 S	75. 16	97.94	70.07	- -	28	× ×	2 2	8 9	79.01	101.09	72.2
12 81	Bangping	115 23	X				98	77. 33	99. 44	55.3	×	69	×		180	81.01	103.65	57.6
13 34	Bangplakod	69-12	1.0		×		0	0.00	0.00	0.0	×	;	×		6	0.00	0.00	0.0
		69 24	- 1	88	×	- -	080	69. 42	22. 27	6 6 15 8 8	× ;	æ s	×		180	13.67	91. 25	52.4
à	Bangplee	115-24	× ×	2	××	-	92 0	0.00	0.00	0 0 0	× ×	6	××		0 0	0.00 0.00	94:84 0:00	- c
15 PG	Sangpoolgpang	21-69	×		×		0	0.00	0.00	0.0	×		×			0.00	0.00	0.0
		69-24	×		×			0.00	20	0.0	×		×	:	0	0.00	0.00	0.0
\perp L		115-24	×	3	×		<u></u>	71.16	91.51	50.8	×	90	×		081		107. 91	60.0
92 	Zangpood	115-24	××	8	××		ə ç	99.95	c. 90 128. 53	3 T. T.	××	. 09	× · ×		0 081	6. 5. 3. 3.	92.57	G (r)
1 1	Bangpu	115-24	×	98	×		98	72.13	92.76	51.5	3	09	×		180	75.57	99, 69	53.7
Ж	Bungrakyai	115-24	1	8	×		120	19.69	63.90	53.3	×	99	×		120	65. 62	83.96	70.0
	Bangsactong	115-24	×	28	×		080	99. 72	128. 23	71.2	×	09	×		88	81.32	104, 04	57.8
20 BX	Bangycekhan	59-12	x x	ş	××		0 g	3 30	6.00	0.05	× ×	Ş	× ×		0 g	0.00 7.	0.00	O 6
21 CC	Chalongkrung	115-24	1 1	60	×	-	50	62. 16	79.94	66.6	×	09	×		120	61.51	78.70	65. 5
22 CK		69-12	×				•	0.00	0.00	0.0	×		×		0	0.00	0.00	0.0
	116:00	12-69	× ?	1 0	09 ×	-	Ę .	68. 32	87.86	62.8	× ;	40	×	09	01.1	74.93	95.88	10.00
3 3		21-052	× ×	90	××		> g	59.31	0. 00 76. 27	63.6	× ×	90	××	i i	120	63. 72	0. 00 81, 53	67.9
2.1 DX	Domewing	89-12	×		×		0	0.00	0.00	0.0			×		0	0.00	9.00	0.0
		69-24	×	•	×			0.00	0.00	0.0	×		×		0	0.00	00.00	0.0
		115 21	- 1	2	×		2	54. 87	83.42	46.3	×	26	×		180	78.73	100.73	56.0
4	Murkang	69-24	×	09	×		S.	91. 67	117. 88	65. 5	×	2	×		180	106. 06	135, 69	15
.a 82	Kingpetch	69-12	×		×		٠,	9 9	0.00	0.0	×	. ;	×		0	0.00	90	0.0
4 2	100000000000000000000000000000000000000	1.Z-53	X)	90	×		080	92.09	118. 42	65.8	×	20	×		081	38. 9.	126. 59	16.3
77	N.COX Jan	71-80	× >	ç	× 3	2	् - - -	. 6. 1 6.	9 6 1 C	o •	× :	•	× ;	•	-	8 8 9 9	8 6	÷ ;
8.3	Troops i	61.08	× >	2 05			6	10.00	20.00	. c	× ,	GF.	× >	3	00	28.87	12.4M1	62.6
	A STATE OF THE STA	77-69	3 ×	60	· ×	31	9 6	74.31	95. 38 38	53.1	к х сэ	69	: < : x		081	81.06 81.06	115.38	91.19
28 SC	SC Klongsammechai	69-12	X		×		0.	0.00	0.00	0.0	×		×		0	90.5	00 0	0.0
				٠.								-						

Appendix 6.3-2. Load and Installed Capacity of Distribution Substations (JICA Study Team Plan, Planning Year = 2001 - 2016).

		Sank C			-		TALL COLLEGE								
	(A)		Detrit Contriguiation		CMA	CIO	CAND	factor (1)					٠.	(VEA)	factor (V)
The state of the s	20.91	×	En	×	3	27.82	35.99	60.0	×		×	0	0 0		
	16-511			×	0		0.00	0.0	×	09	×	120	51.13	65.91	51.9
KS Klongennessmit	69-12	× 6	20	×	8	47.65	61.65	17.1	x		×	0.	0.00	0:00	0.0
	69-21				0		0.00	0.0	×	10	99 ×	100	39.61	5). 06	51. [
KN Klongsarn	69-12	×	2 10 10 20 10	×	0		0. 00	0.0	×		×	•	0.00	9.00	0.0
	69-24	2 ×	0)	×	80	43.86	56. 7.1	70.9	× 2	\$	×	SE '	15.82	59.06	8 6
KT Klongtooy	21-69	*		×	9 .	1	6.8	0 6	×		×	•	9 9	B ;	
	12-69	× 2	0;	×	8		49. 16	61.5	2	P.	×	80	39.36	30.10	1
16 Klongvatsing	69-12	×		x :	•	00.00	0.00	00	×		×	3	3 :	3 C	⊃ " ⇒ •
	69-24	× 2	- 60		120		55.83	16.6	7	2	×	021	36. 41	1 77	96
KU Krumai	69-12	×	- -	(6)	86		.17.39	59.2	×		×	>	3	6 T	3
And the second s	69-21	×	10 mm and 10 mm	×	0 % 12		0.00	0.0	2	99	×	120	57. 19	73.72	او
LX Lardplakan	115-24	×	90	×	90	•	31.94	53.2	× -	29	×	9	23.66	30. 50	50.8
UP Lardprao	69-12	× ×	(40)	×	8	30.67	39. 68	19.6	×		×	0	8	0.00	٥ ټ ن
	69-21	× -		x	90	a age of the	23. 75	39. 6	3	09	×	180	63. 1.1	81.38	<u>;</u>
1.R Lumpini	69-12-	×		x	97	1	28. 95	72.4			×	0	S S	6.0	0.0
	12-69	× 2	40	. 90	140	71.70	92. 76	66.3	3	- 0) ×	180	97.01	125. 65	6.6
MN Nuhuisaman	21-69	×		×	0		0.00	0.0			×	0	0.0	0.00	0.0
	16-69	× *	40	. ×	2	:	80.27	57.3	×	40 1	× 60	140	59.00	76.05	51.3
We Mahamok	69-12						0.00	0.0		- 1	۶ x	0	0.00	00.00	Ö
y.: .	115-21	×	92	×	80	:	95.54	53.1	×	60	×	.081	72.35	93.26	51.8
Mail-ma	-69-12	1		×	0	0.00	0.00	Q. D			×	0	0.00	00.00	Ó
	69-24	× ×	9	×	08		55.26	69. 1	2 ×	. 40	×	80	42. 52	51.81	68.
MS Makasan	-		40	×	08		54.33	6.73			×	0	0.00	9, 00	0.0
			. 09	x	09		37.33	52. 2	× ~	1 0	99 ×	140	71.90	92. 68	-99
XB Minburi	115-24	- 2 ×	. 80	x	120	52.13	67.44	56.2	×	6.0	×	180	16.21	98. 23	54.6
MC Mochit	21-69	× 2	- 0	(40) ×	120		84.91	70.8	×			0	0.00	0.00	0.0
	69-24	*		×	0	1		0.0	2	01	99 ×	01-1	58. 5.	15.59	9.
MG Numgmain	115-24	2 ×	90	×	120			61.5		2	×	120	19. 73	61.08	33.
11 Kuangthong 1	115-24	× 2	99	*	120	67.66	87.53	72. 9	2	90	×	120	61. 18	83.12	69.3
KN Kn-ma	69-12	× -	(40)	×	=			55.0	×		×	~ ;	00 0	60 6	
	69-21	× 27	8	×	021			F. 28	·. ·		×	0	8 0	20 to 15	0 ;
	115-24	×		×	0			0.0	6	90	×	081	75.85	97. 77	iò.
NII Nongkhus	69.12	,×		×	•	1		0	×		×		000	6	0 (
	12-69	× ~	99	×	120			61.2	3	90	×	081	77. 53	6.66	S
NR Konthuburi	69 12	×		×	÷		:	00			×	:	8	0.03	d i
	115-12			×	•) - -		0.0	×		×	Ö	0 0	0,00	0.0
_7	115-24	2 ×	25	×	120			70. 1	۳	60	×	180	13. 83	12, 43	32.
NK. North Bangkok	69 12	×		×	Φ.			0.0			×	Ġ.	00.00	66	
	69-21	×	40	×	120			15.2	×	07	×	120	35 C	51.08	-5.
PE Pakkred	69-12	×		×	0		i.	0.0	×		×	0	0.00	0.00	ď
	69 2.1	×	:	×				0.0			×	6	00.00	0: 00	0.0
	115.12	*		×	0	: :		0.0	×			0	0.00	0. 00	ö
	115-21	×	60	×	180			52.1	×	60	×	180	61.97	83. 75	16.5
Paknam	115-24	× 2	09	×	121)			54.9	X ED	.09	. ×	081	61. 13	83. 05	18.
1.	69 12	2 ×	22.4	×	8.1-1.8	25. 74	33, 30	74.3	×		×	0	0.00	0.00	0.0
	69-21	×	40	×	40		21. 79	51.5	× -	40	× 60	100	11. 25	37.01	57.0
Pl Phaisingto	69 .12	×		×	0		00.0	2.0	,		· ;>	C	0.60	0.00	<
	** **	_			,		An 70	2	٠.		<	•	3	;	3

Appendix 6.3-2 Load and Installed Capacity of Distribution Substations (JICA Study Team Plan, Planning Year = 2001 - 2016).

ABB Substation	Voltage						incina-poo	T Sum a long	4						- '
	-	-													
	(£)	Yellar Yellar	Kink Contriguration		Capacity (MVA)	COINCIDEAL II (NF)		factor (%)	S HIN	Bank confliguration		Capacily of	connendent n	(AUT)	utilization factor (A)
	69-21	×		×	0	0.00	0.00	0.0	×		×	0	0.00	80	1
	115-24	× 2	60	×	120	67. 12	86.70	72.3	×	. 09	×	081		108. 12	. 60.2
Klongsanpasamit	69-12	×		×	9	00 0	00.00	0.0	×		×	0	0.00	0.00	0.0
	69-21	×	18	. 09 ×	100	49. 17	63.23	63.2	2 ×		×	120	55. 21	70.64	58.9
Klongsara	69-12	4		×	.	00 0	0.00	0.0	×		×	D	0.00	0.00	0.0
	69-24	× 2	09	×	120	54.21	69. 71	1.82	×	99	×	120	55. 67	71. 23	.99.
Klongtoey	<u>.)***</u>	4		*.	0 ;	0.00	0.00	0 (×		0.00	0.00	Ċ
Т	12-69	×	200	×	081	52. 13	118.30	113. 8 1.0	×	09	×	180	85. 69	109, 63	.09
MG Alongwatsing	59-12			× :	G .	0.00	0.00	0.0	× :		× :	- (0.00	0.60	Ö
	7.69	×	28	×	981	16.38	22.86	9.0	×	3	×	180	97.36	121.56	69.
Krunai	21-69			×	-	0.00	0.00	<u>.</u>	×		x ;	0	0.00	0.00	ð
1.0	12-60	×	900	× :	201	84.41	112.48	PZ. 3	×	09	×	081	105. 60	135, 11	14
Laraptakan	12-61	×	DE .	×	09	71 -62	32. 31	7.	×	80	×	120	35.34	15.21	37.
or do an	71-69	× ×	ទ	x >	-	00.00	0.00	- -	x >	CU	× >	0	e :	0.00	o
18 Compton	61-03		Na.	,	007	60.00	00.00	67	Š	00	< >	180	13.33	3p -10	76
	20-05	× ×	- 01	£	2 2	103.10	02.681	2 6	() er	10	· 5	9	90.00	200	
Mahaitenesa	60-13	Т			200	00.0	0.00	0.00		AF	8	001	106.30	135, 34	ć)
	7: 50	1	- G	Ç.	140	73.36	20 - 10 10 - 1	5. 7.8 2. 7.8	(×	ur.	(×	7 9	3 15	90 -0	= e
XX Nahanek	69-12					00.0	8 0	100	×		× ×	0.5	13.33	30, 10	90
	115-24	×	9	: ×	, <u>c</u>	84.45	108.61	60.3	: ×	9	· ×	08:	10 E	00.00	3
Kai-ad	69-12	×		×	0	0.00	0.00	0.0	ı		×	0	0.00	0.00	-
	_	×	1 0)	09 ×	100	50.14	64.48	61.5	2 ×	99	×	120	56.81	72.68	80.
Makasan	69-12				0	0.00	0.00	0.0	×		×	0	0.00	0.00	0.0
	69-24	- 1	1 0	× 60	140	75. 73	97.39	69.6	× 2	9	(9) ×	140	81.37	10.1. 10	74.
Kinburi	115-24	3 ×	09	×	180	95.51	122. 82	68.2	×	08	×	180	112.14	1:13, 48	79.
Moch it	22 - 23 20 - 23	× ×	•	× ×	0	0.00	0.00	о Э	×	\$	×	0	0.00	0.00	0.0
Manner in	115-91	1.			061	10.000 EG 91	73.06	0 00	× >	60) u	033	80. 14	102. 53	13.
Weamer thoons	115-24		69		04	54.61	93.00	E - 00	3 c	26	;	071	16.30	13. (0	200
Na - na	69-12	1 .	00	< ×	07	00.0	00 0	2 50	× 2	20	× ,	021	60 G	83, 25	99
	69-24	×		· ×	, =	80	3 5) c	< >		:	.	3 5	000	5 6
	. 115-21	3 × ×	69	x	180	86.40	111.11	61.7	(X	99	×	180	3 G	127.88	0 7 2
Nongkhum	21-69	×		×	0	0.00	0.00	0.0	×		×	0	0.00	0.00	0.0
And the second of the second	69-2:1	3 ×	09	×	180	81.74	105. 12	58.4	×	60	×	180	86. 70	110.93	61.6
Nonthaburi	69-12	×		·.	•	0.00	0.00	0.0	×		x	0	00.00	0.00	0.6
And the second s	115-12	×		×	•	00.0	0.00	9.5	×		×	0	0.00	0.00	0.0
	115-24	×	90	×	180	92. 2.1	118, 61	65.9	×	90	×	180	105. 52	135.00	73. 0
North Bangkok		ž.,		×	0	0.00	00.00	0.0	×		×	0	0.00	0.00	0.0
	69-24	×	Q.	×	120	62. 67	80. 59	67.2	×	01	×	120	59. 29	75.86	63.2
Pukkred	69-12	*		×	: •	00.10	00.0	0.0	×		×	0	0.00	00.00	0.0
	69 24	×		×	0	0.00	0.00	0.0	×		×	.0	0.00	0.00	0.0
	115-12	1		×	0	00.0	00.0	0.0	×		×	Đ	0.00	0.00	0.0
	115-21	- 1	90	×	180	88.0	113.18	62.9	×	99	×	180	81.17	101, 23	57.9
Paknam	115-2:	×	60	×	180	21.19	95.11	53.0	×	60	×	180	77. 73	99, 15	35.3
Petchkasen	59-12	×				0 0 1	96 0	0	×		×	5	0.00	0, 00	0.0
W. Constant	2 50	×	1	ž	001	50.41	51.82	20.7	×	- 60	×	120	62.00	79.33	69.1
	21 - 69	< ×	e e	< ×) (r	97 07	5 6 7	જ દ	× ,	. 5	× :	.	8 :	. 6. 65 6. 65	0.0
	A STAN THE A			A			2			0.0	<	7			•

Appendix-6.3-2 Load and Installed Capacity of Distribution Substations (JICA Study Team Plan, Planning Year = 2001 - 2016)

		1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2								***************************************					
No ABB	B Substation	Voltage			2001				; ;		٠.				
		8	Runk configuration	uration	Carpority (NYA)	coincident	non-conner ut	trinzation actor (X)	Nuck Rauk	Con 1 garation		(WA)	Cornerdont r	non-coinci u (473)	factor (v)
- K.I. PI	Wester	60-12	×	×		1_	0. 00	0.0	×		×	.0	١,	0. 00	0.0
	2.55		. ×		120	1 of	89. 47	71.6	.× .co	9	×	071	58. 16	74. 97	62.5
SS	C Prachachuen	69-12	×	×	•	00.00	0.00	0.0	×		x .	0	0.00	0.00	0.0
·	1.0	69-21	- ×	× -	001 09		48. 68	18. 7	×	1.00	09 ×	100	39. 36	50.73	50.7
58 PK	K Prakanong	21-69	×	×	•		5	0 ;	× .;		×	0 8	0 ; 0 ;	0.00	0.0
- DO	Designation of the second second	2-19	× ×	×××			32. UU 88 75	5. 5.	×××	- - - - -	× ×	1.10	61. 71	83 11	7 6
5.8		69-12	×	×			0.00	0.0	×		×	0	0.00	0.00	0.0
<u> </u>		12-69	2 × 10		80		46.11	57.6	2 ×	9	×	GE	35, 75	16.08	57.6
59 Po	Preprudacng	69-12	ع ×	# +;	120	58.09	75. 16	62. 6	×		×	0	00.00	00.00	0.0
A.		69-24	×		9	-	0.00	0.0	×	90	×	120	61.83	83, 57	69. 6
3	A Presentit	69-12	× >	x >) oct	60.00	0.00	0.0	× ×		× ×	0 [2]	6 . 8 .	0.00	o 0
2	* Prothuman	69-12	< ×		9		30.81	77.0	×		×	0	0.00	0.00	6 .0
-	Ą.	69-24			98		58.63	73.3	×	40	x	120	52.21	67.30	56. 1
62 RT	T - Ramintra	115-24	09 × 2	×	120		56.95	17.5	l	99	×	180	73.91	95. 27	52. 9
113 ES	11 Rankhanhaeng	69-12	×	×			0.00	0.0	×		x	0	0.00	0.00	0.0
_	The same was the same of the s	69-24	2 × 40	×	60 140		71. 79	51.3	×	1 0;	× 60	011	30.80	65. 18	16.8
3	N. Rasburana	21-69	×		120		85. 92	71.6	×		×	0	8 8	0.00	0.0
5		2-69	×	×	9		0.00	0.0	× ;	40	x :	120	20 '65	63. 9	32.1
DO DE		12-61	× >		121		75.77	100	,	00	× ×	021	0 00	0 00	0.0
150		69-21 69-21	ς × «		180		97. 68	24.3	× ۳	9	×		26.40	72, 70	40.4
TS 29	Sailon	69-12			980		59.34	74.2	×		×	. 0	0.00	0.00	0.0
Company of the	the second second second second	69-24	×	×	0		0.00	0.0	2 ×	01:	×	80	10.51	52.25	65.3
XS 89	R Saarong	69-12	×		•		0. 00	0.0	×	: :	×	0	0.00	00.00	0.0
Sam	- ; .	69-21	×		180		80. 10	44.5	×	90	x	180	78.39	101.04	56.1
3 3	N Sumsen	69-12			38	•	53.32	98 1	×		× :	0	8 6	0-00	O 10
2	Concest	61-05	× × -	××	40		07 70E	6 18	×	nt.	× ×	0	00.00	0.00	0.0
	1	2-69	× ×		æ		54.09	67.6	×	10 1	09 ×	1.10	67.90	87. 52	62. 5
CS 1.2	D Sapandas	89-12	:	×	160		109 13	1.89	×	40	×	160	93 55	120. 58	75. 1
	P Supuneai	21-69	×		•	. !	00.0	0.0	×		×	0	00 0	0-00	0.0
<u>5</u> .		12-69	×		120		68. 75	57.3	× ;	60	x :	180	89. 92	115.91	5.1.1
∄	L. 5110s	21-69	2 × ×	×××			- 48. CD	0.00	× ×		××	⊃	13.26	55.76	7 69 1 69
71 SY	Y Sipraya	69-12	0 × -	x			27. 20	68.0	×		×	0	0.00	0.00	0.0
		69-24	01 × 1	×	40		21: 12	68.5	× 2	40	×	0.8	35.31	(5, 51	56.95
. 75 . S.	R Soonvijai	21-69			8		29.69	71.2	×	. •	×	9	0.00	00.0	0 0
	T	12-69	S × 2		32		50. 25	50.2	×	7 ()	09 ×	(10)	62.87	100.92	199
∌ €	K South Bangkok	21-69	× ×	××	- 9		00.00	G C	× × -	. 59	× ×	ے د	8 S	00 00 00	7 D
77 83	C South Thomburi	20.12					0.00	0.0	×		×	0	0.00	0.00	0.0
31.5		69-21	2 × 60	:	120		66. 19	51.7	×	50	×	180	79.82	102, 89	57.2
78 Y	YA Srithanya	21-69	×	×	₽		0.00	0.0	×	. 3	×	0	0.00	0. 00	0.0
		115-12	(H) × (-10)		\$	19, 12	24.71	91.8	×		×	0	00 00	0.00	0.0
	Т	115-24	×	×	7		0.00	0.0	× ~	80	×	120	60, 91	78.51	55. 2
79 Se	Suanson	21.69	× ×	××	÷ [5]	8 = 5 5 5	5. 69	G G	××		××	0 061	60 G	0.00	e 14
		1 92 61			16.0	40.01	11.00	19.11	,	757		171	VV. 41	10.03	(7:4:1)

Appendix 6.3-2 Load and Installed Capacity of Distribution Substations (JICA Study Team Plan, Planning Year = 2001 - 2016)

Ī		-		-																
ç	ABB Substation	Yoi tage					50113													·
		(43)	Kunk	Mank configuration	rion .	J	Capacity	coincident	i ron-coinci	_	utilization (cm)	Sunk	Bank configuration	io.		Capacity co	tua	ron-coinci	ī.	
ű	P. Project	60-19			.>		(414)	(1)	(V. E.)	130	6	,		,		15.37	(11)	(14)	factor (V)	1.
		69-24	C X	GF	< ×	:	130	70.21		60.33	77.3	× ×	90	× ×	99	o 9	3 67 3 87	0.00	≓ €	O 1
Ş	PC Prachachuen	. 69-12			×		0	0.00		0.00	0.0	×		×		0	0.00	0.00	0.0	- 0
	7	12-69	× -	01/	×	22	091	78. 55		92	63. 1	×	9	× 2	60	150	96. 33	123. 25	77.	0
<u>8</u>	PK Prakanong	69-12			×	,	- ;	0.0		0.00	0 0	×	. ;	×			00.0	0.00	o.	C
I.	PR Prabaca	115-21	× >	2 9	× ×	03	2 2	76 15 15		26. 51	9 9	×	04	× }	5	021	30.87	63.04		্য ।
33	1.50	69-12	1.		×	3	0	0.0		90	0 0	×		×	2	0	0.00	9.00 0.00	20 0	n c
		69-21	× .2	9	×		08	38.1		49.09	61.1	× 2	9	×		08	16. 57	59, 38	5 1. -	מויכ
ß	Prapradaeng	59-1 2			×		0	0.0		00	0.0	×		×		0	0.00	00.00	0.	0
0.0	T	12-69	× :	e	×		120	62.8		22	67. 1	×	e	×		150	1.1	87, 18	72	<i>t</i> -[
3	ca Fraszigate	59-12	× ×	01	××		o 021	26 C	3 15. 27	27 27	62.7	××		××		120	67 73	90.00	0.0	. .
19	P.N. Prathumsan	21-69	×		×		9	0.0		96	0.0	ı		×		0	0.00	0.00	0	10
L		69-24		0	×		130	51.7		3.6	53. 3	×	40	×		120	55.61	71. 15	59.	. 6
	KT Kamintra	115-24	×	2	×		<u>8</u>	87. 1		04	62.3	×	09	×		180	108. 7.4	139, 12	77.	65
3	Kill Ruskhushueng	69-12	× >	ę	× × -	Ę	۵ <u>د</u>	0.00	90 6	8 8	0.0	×	•	× :		0	0.00	0:00	0	0
1 5	RX Rashurana	61-19	15	0	×		000	21.2		65	0.00	×	7	× ,	99	01:4	58. 28	- S	iğ (~ ·
5	*	- 2 - 2 - 3	(X	- 10	< ×		\$ <u>8</u> 2	3 66 3 66		3.8	5 g	× ×	100	× ×	:	9 6	9 13	0.00	d ;	-
123	1	115-24	1.1	99	×		180	75.0		9.1	53.6	×	09	×		180	100.80	128.96		-1 4
3	RC Rungpracha	69-12	×		×		0	0.0	00.00	9	0.0	×		×		0	0.00	0.00	0	10
1	П	69-24	×	9	×		<u>68</u>	71.21	ŀ	36	90.9	×	88	×		20	86.88	111.15	61.	∞.
٥	E (7)	77-17	x >	•	× .>	:	0 5	Õ €	1	8 8	0 ;	× .		×	į	•	0.00	0.00	9	0
63	SP Carrons	61-05	× ×	n.			200	12 11 6		2 2	9 6	× :	₽	× :	36		50.76	61.9	3	o l
3	2.3	7 - 59	× ×	99	< ×		? **	70.95		3.5	⊃ - o : o :	× ×	9	x x	: ; : _\	9 5	3 5	. 00 00 . 00 . 00 . 00 . 00	<u>ح</u> (٠.
69	SN Sussen	69-12	×		×		0	0.00		3 8	0.0	×	OF THE REAL PROPERTY.	×		000	00. 10	00.00	'n	vi e
		59-21	6	40	×		120	68, 45	1	02	73.4	×	Qr	× -	. 60	2 2 3	2 5	103.68	3 <u>9</u>	> cr
2	SS Sansab	27-88 88-73	×		×		0	0.00		00	0.0	×		×		0	O. 40	0.00	0	
		69-24	× 2	0	×	039	150	76.45		53	70.2	×	40	x	. 60	160	88. 12	113.13	70	11
=	Т	69-12	×	9	×		<u></u>	90. 71		65	72.9	×	0+	×		160	98.01	126. 67	79.	63
P.	Sapunatai	69-12	× >	ug.	× ;>		0)0 ·0	0.00	8	0.0	×. :		x :		0.	00.00	0.00	0.	
R	St. Silon	69 12	×	40	×		0	98 0		20 00	2 0	××	Q.	× ,		og s	89 60	1:10, 33	78.0	ol :
	777	69-21	× 2	ę	×		8	44.46		11	71.5	×	\$	×	609	: 001	: 1: :1:	61.12	1.19	
Z	SV Sipraya	69 12	×		×		0	30.0		00	0.0	×	1 1 2	×		0	00.00	0.00	0	ra
1		69 24	× 2	=	×		80	38.5	:	15	61.8	× 2	40	×		. 80	11.32	52.86	99	
2	SY Seed 1 july	69-12	×		×	ě		0.00	0.00	8	0.0	×		×		0:	0.00	0.00	0.0	
76	CC Court Branded	22 69	x :	2		20	160	82. 88		28	£6. 6	×	9	× 2	90	33	95.89	122. 68	92	ı <u>-</u> 1
=	-	71.60	×	. .	× >	•	- 5	. t. t.		8 5	-	× ;	É	×		0 ;	6	0.00	0	-
77	ST Swith Thembur:	E0 19	3	2	< >		90	. 1.	22. 8()	08	38.0	×	9	×		8	20.09	25.70	22	்
100		89 2.1	(X	£	< ×		0 181	20 07		3 5	0 1	× Þ		×->		٥ ۽	90 5	9.0	0 0	= 1
3.2	YA Srithanya	61-69	×		: ×		6	10 C		2 2	2 4	٠ •	2	×		980	93. 13	122.11)	57.3	
٠,		115-12	×		×	1	» c	8 8	360	3 ' =	3 6	×. ×		x >		.	20.0	00 d	0 0	
		115-21	×	. 60	×		8	80.68		92	 17. B.	: ×	9	×		> <u>\$</u>	50 ° 60	128 40	2 E	
52	SO Sourson	69-12			×		0	0.00	٠.	0(0.0	×		×		0	0.00	0.01	0.0	1 =
		69.24	×	6	×		180	77.30	99. 11	=	55.2	×	60	×		180	87.58	112.05	62.3	
																		:		ı

Appendix 6.3-2 Load and Installed Capacity of Distribution Substations (JICA Study Year Plan, Planning Year = 2001 - 2016)

WAY THE	C. he's af ton	Vol tour				2003								2006				
7 1		2	Bank	Bank configuration		Cupacity	coincident		non-coinci ut	utilization	Bank c	Bank configuration	ç	Capacity		coincident no	ü	utilization
		(KP)	4			(MAY)	5	:-		factor (%)				(KAY)		(VF)	(KV) fa	octor (A)
ns OB	Suravong	69-12	×	2	×		유	23.51	2 1	76.0	× :	. 6	×,:		0 0	8 6	0 00	0 0
		69-24	2 ×	88	×			6. 20	29.77	æ 6	× >	90	×,		080	20.00	20.00	0 0
2 2	Taksin	21-69 21-69	× ×	ş	××		? ≨	37. (7	29 es	9 6	< ×	9	< ×		> ©	12.08	51.21	67.9
g. 1.5	Teparak	69-24	×	9	1	F0 I	140	70.60	91.34	65. 2	1 1	9	×	90	1.10	62.18	80.53	57.5
		69-12	×		×		0	0.00	0.00	0.0	× ,		×		0	0.00	0.00	0.0
\perp		1.2-69	× 7	09	×		.	47.79	61.83	1.0	× 2	69	×		130	57.83	87. 13	72.9
2	Thomburs	69-12	× ×	9 9	××		2	12. 15. 13. 15.	34 B2	- ir	× ×	: : G	× ×	95	140	9 E	3 L	31 g
85 78	Tonekung	69-12	< ×	3	×			0.00	0.00	0.0	1	2	×		0	00.0	0.00	0.0
	3 g 1	69-24	× 2	#	×			41.40	53.56	67.0	× 2	04	×		980	22. 30	29.00	36.3
86 18	Fangpetchubcon	-69-12	×		×		0	0.00	0.00	0.0			×		0	00.00	t 00	0.0
്പ	. 2.	89-21	×	99	×			83. 28	107. 75	59.9	×	90	×		180	83.3	107, 39	59, 7
E	Yangthonglang	27-69	100		×			6.6	9 6	o :	× >	S	× >		0 0	6 5 6 5 7	6 6 6 8	0 L
1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Sept.	PZ-69	× ×	99	××		120	11. 22 66. 89	28. 26 75. A5	23.0	1	2 9	×		120	71.97	92.77	- F
_	*The York how	- K0=12	1.	97	×			44, 10	57.05	71.3	×		×		0	0.0	0. 00	0.0
		: \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	- 1	•	×			0.0	00.0	0.0	2 ×	40	×		80	12. 16	54.34	67.9
38 86	Bangkac	89-12	×		×			0.00	0.00	0.0	×		×			0.00	0.00	0.0
(j.)	, J.,	115-12	×	(OH)	×		: : :	22. 52	29, 14	72.8	×		×	-	•	0.00	0.00	0.0
	. 1	115-24	×	. 60	×		09	30, 24	39. 12	65. 2	×	99	×		180	81.01	101.16	58.0
28	Bangson	69-12	×	: 13: :	×	•	0 6	0.00	0.00	0 ,	x x		х÷		0 0	6 1 8	0 - 0 - 0 -	0.0
10		16-09	× >	68)	× >		177	0 00	00.00	10.1	× >	00	× ×		001	0 00	00 0	0 0
	00.21 III.K	115-24	< ×	62	×	1	120	63.69	82.40	2 20	×	26	×		120	50.52	65, 12	5.15
23 23	Ekomai	69-12	×	(40)	×		40	19.94	25.80	6. 5.	×		×		0	0.00	0.00	0.0
	-31	69-24	× 2	2	*		120	52.12	80.37	67.0	×	ť.	×		. 😊	0.00	0.00	0.0
		115-24	×		×		c	0.00	0.00	0.0	×	90	×		180	83. 23	107, 29	59.65
	Ekburi	115-24	2 ×	99	×		120	41.20	53.30	44.1	×	90	×		120	44. 97	57. 97	18.3
*II 56	Humak	21-59	×		×			0.00	8 6	9 ;	×		×			0.00	8 8	000
	· · · · · · · · · · · · · · · · · · ·	12-54	× ×	2	××		g C	0 00	27. 58	÷ 0	× ×	56	× ×		120	63. 30	81.85	2.89
X1 96	Intamerra	69-24	× 2	09	×		120	4 6. 02	59, 54	49.6	×	60	×		180	79, 20	102.09	56. 7
ALC 7.0	Jangron	21-69	×. 1	(01)	×		40	24.41	31.58	79.0			×		0	0.00	0.00	0.0
		69-24			×		0	0.00	0.00	0 0	2 ×	90	×		120	53.41	71. 12	59.5
- 3		115-24	٠,	2 S	×		180	74.51	96. 40	53.5		20	×		0.81	58. 70	13.56	12.0
	7	12.5	× :	3	×		120	56. 79	73.47	2 19	× >	20 20	× ,>		021	14.90	16 07	1. 1.
100	Lardkrabang	115-24	1	3 5	< ×		120	19 97	63.71	53 1	×	8 8	×		120	17	53.66	
	1	115-24		æ	×		120	FD 74	78.58	65.5	×	90	×		120	69.36	01 .88	71.5
1	.77	69-12	1		×		0	0.00	0.00	0.0	×		×		0	0.00	0.00	0.0
		69-24	× 2	60	×		120	13.04	23.68	16.1	×	. 60	×		120	65.61	81.57	70.5
40F	Pradiput	69-12	×	(10)	×		ę	22. 25	28. 79	72.0	×		×		0	0.80	0.00	0.0
		69-24	×	. 05	×		020	31.07	40.20	67.0	×	90	×		120	61 03	82. 57	58.8
- 165 - 251	Samastip	69 12	*	: :	×			0.00	0.00	0.0	×		×		₽.		0.00	0.0
		69-24	×	3	×		081	62.29	80.59	= 1	× :		x :		G :	6 F	60 0	0 °
	_	115.24	× ;		×			00 0	6 G	0 6	x 2	09	×,		08	61 61	2.5	52.8
106		21-69	× ;		x >		-> =	20.00	6 6 6 6	<u> </u>	× >		< >		- c	\$ \$	900	-
		- 57.25	(, , ,		· •	n n	nn m	i n	<		¢		>	, A.	* *	5

Appendix 6.3-2 Load and Installed Capacity of Distribution Substations (JICA Study Team Plan. Planning Year = 2001 - 2016)

1																		
₹ <u>Ç</u>	ABB Substation	Yoltage	F			2011			٠.					2016				
		(KV)	CALITY	bank comagaration	_	(MA)	Connectdent	(WYA)	factor (V)	3 3	ž H	Bank Cominguration	Ę	(Arx)		COINCIGED(PC)	(AYA)	utilization factor (%)
S 08	SU Surawong	69-12	×		×	0	0.00		. 00	0.0	×		×			0.00	00.00	Ö.
		69-2:1	X m	69	· .	180	71.6	6.	13	51.2	×	90	×		180	76.97	88	.c
- 8	TS Taksin	69-12	× .		×	0	0.00		06	0.0			×		0	0.00	0.00	0.0
- 82 T	P Teparak	69-24	× ×	01/	××	£ £	12. 5	77 15	75 15	 	××	2 9	× ×	60	08 27	F7 57	55.95 86 38	6.69
100	TT Thanontok	69-12	×			0	0.0		00	0.0	1		×		0	00 0	0.00	0.0
ì	_	69-21	×	60	×	180	76. 21			 	×	65	×		180	90.31	115, 55	61.2
<u>.</u>	T8 Thomburi	69-12	х > •	5	x >	0	O O O	0.00		o ;	× >	. 5	. x :		0	0.00	0.00	0.0
XT TX	Tonstana	61-69	× 7	04	÷.	141	9.0	:		2 04	× ×	9	× .	.00	110	67. 27	86. 07	9
		69-24	× ×	40	, .	> &	31.36	40.33		20.	< x	0;	κ ж		08	35.52	00 id	- ×
86 FB	B Fangpetchaboon	69-12	×		×	0	0.0	:		0 0	×	:	×		0	0.00	0.00	0
丄	22.5	69-21	×		×	28	102. 2	7 131.51		73.1	×	60	ъ×		180	92. 25	118.03	65. 6
<u>*</u> &	FT Fangthonglang	69-12			×	0	00			0.0			×		0	00.0	0.00	0.0
13 DO	The Table	2-69	× >	99	×	08	81.8	2 109 08		60.6	×	99	× :		180	93.03	119. 03	99
		71 - 61 - 05	< >	0		150	1 6			7 0 5	× :	₽	×		1 <u>00</u>	70.5	F :	62.
		69-21	< ×		 < . ×	≥. ⊊	0 6 E			- u	κ×	. 01	× . >		> &	5. e	3 3 5	o -
38 05	E Bangkac	69-12	1	,	×	0	0.0	ŀ		0.0	×	A.F.	×		000	0.0	23.10	-
		115-12	×		×	0	0.0	0. 00	:	0.0	; ×		×			9 6	00 6 0	i ci
		115-24	×	.09	×	88	74. Bi			53.3	×	09	×	:	180	91, 71	117.34	65
<u>.</u>	BZ Bungson	69-12	i		×	0	00			0.0	×		x .		0	0.09	0.00	0
- 1		2 69 57	× 2	99	×	120	53.5			638	×	£	×		280	78. 18	100.02	S
¥ 7.	KI Bearing	72.60	×	3 de 1	× :	-	ਰ : ਹ :			0 0	×		×		o ;	0.0	0.00	ç
Ţ.	Т	2-51	×	04	×	081	34.60			67.6	×	20	×		28	106. 70	136. 52	15
3	- Examo	Z1 - 20 05	× >		× >	-	5 5			0 0	× ;	1	×		• •	9 : 0 : 0	8 6	ď
		115-24	(X	2	¢ ×	2 8	69.82	25.08	٠.		× ×	. 09	* ×		180	90 .00	9 6	0 1
	B Ekburi	115-24	×	60	×	120	64.32			6.89		69	×		180	11.30	99. 16	18
95 III	A Bromak	69-12	×		×	0	50.0			0.0	×		×		0	0.00	0.00	0.
		69 24	1		×	0	0.00	0.00		0.0	×	:	×	i	· .	0.00	0.00	9.0
71 30	1	13.50	× ;	69	×	021	67. 50			7-7	×	99	×		980	78. 15	66.66	55. 6
	January	89-12	× ×	2	×	180	81.41	112.41		5.3	×	200	×		180	82.88	122. 67	2 89 2
	•	F2 69	: ×	09) <u>8</u>	80.18	=	2 **	9 6	C X	2	××		> <u>6</u>	100 81	121 121	⇒ <u>.</u>
)X	KO Khotor	115-21	×	09	×	180	71.76		80		1	60	×		180	10.18	96, 19	<u> </u>
	KI Kingkaer	115-21	2 ×	99	×	120	53.37				× 2	- 09	×		120	51.11	78. 18	65. 2
4	7	115.21	e	92	×	98	98.97			70. 7	×	60	×		180	91.06	116, 50	61.
4.	Т	115 24	- 1	60	×	180	78.84				×	25	×		180	9.1. 36	120. 72	67. 1
<u> </u>		115-24	× 2	99	×	120	69. 51			74.5	×	60	×		180	91.91	121. 13	67. 5
2	Nonsec .	69 12	100		×	•	8.0			0.0	×		×		0	00.00	0.00	0.0
الت		69-2	×	99	×	28	87.35			62. 4	×	20	×		180	103.51	132. 17	73.6
5	, radibal	69-12	×		×	0	0.0				×		×		0	0.00	0.00	0 0
100		7 5	. 0	09	×	380	87, 95	-		62. 8	×	23	×		180	108 13	138.35	76.9
3	di leguistico	71- 8 0	× :		x :	-	6 6	8 (0	×		× .		0 .	0.00	0.00	0.0
		15.51	××	£	× ×	2 2	07 10			- c	×		×		0 5	0.00	8 8	0.0
157. 961	Speniphone	60.19	×			0	0 00			3 0 0	× ;	70	×		80	100.16	128.97	
		69 2.1	< ×		< ×	- -	200			- -	× >		x >			2 2	6 6	ල :
										, ,	·					90		
			1												Í			

Appendix 6.3-2 Load and Installed Capacity of Distribution Substations (JICA Study Team Plan, Planning Year = 2001 - 2016).

	The second secon						_	- 521.541.1	1000	1000					
		Ç.	Bank	Bank configuration	Capacity (MYA)	(A)	(NYA)	factor (V)	3	Marin Marin Marin		(WA)	(V)	(VYA) fa	factor (V)
		115-12	×	*		0.00	00.00	0.0	×		×	6	0.00	0.00	0
		12-51	× ~	¥	120		72.31	60.3	×	S	×	180	77.91	100.13	33
107	Saorahong	115-24	×	×	09		32.37	51.0	×	89	×	120	18.61	62.66	35
L	Г	115-21	2 ×	× 09	120	,	76.77	61.0	× 2	08	×	120	65, 67	81.65	70.5
	100	115-24	× €	× 09	180		110.85	61.6	×	99	×	180	88 12	113, 59	8
35	Sum luang	12-59	×			00.00	0.00	0.0	×		x :	0 ;	8 :	o	0 9
	The state of the s	115-24	×	9	188	1	73.06	9 0	×	25	×	180	81.61	605.19	200
m H	Surasak	69-12	×		•	00.0	0.00	0.0	×	. !	×	0	00 0	80 S	5 9
		12-69	. 2 ×	× 99	120		45, 15	37. 6	2 ×	35	×	021	15 61	22.80	÷ :
112 TY	Taiban	115-24	× ~	× 09	120		80.72	67.3	×	8	×	120	52. 67	67.89	SF.
113 TF		115-21	5 ×	× 09	120	61.26	79.26	66. 1	×	0.9	×	120	£5. 88	59. 11	학
114 TR		69-12	- 2 ×	× (01)	8	13.08	55. 7.1	69. 7	×		×	0	0.00	6. 90 0.	.
747		115-24	×	×	P. V	0.00	0.00	0.0	×	9	×	120	51.70	70. 51	28.8
115 71	Tungsonghong	69-21	×	×	0	0.00	0.00	0.0	×	-	×	0	0 00	0.00	.
		115-21	2 ×	×		41.26	53.38	44.5	× 2	9	×	120	65.70	81.58	29
116 YK	Yenarkart	69-12	×	×	•	0.00		0.0	×		×	0	0.00	0.00	0.0
100	, -	69-24	2 ×	× 35	120	44.81	57.98	46.3	x C	. 09	×	180	86. 47	111. 16	-61.
117 AB	3 Banybor	115-21	× 2		120	43.07	55. 72	18.4	2 ×	60	×	120	35. 54	.15.81	88
L		69-12	1		0	0.00	0.00	0.0	×		×	0	0.0	0.00	0.0
<u> 37</u>	1.1.	115-12	×	×(09)	0\$	13.02	16.85	12. 1	×		×	0	0.00	0.00	0 :
		115-21	×		9	19.16	24.79	÷.3	۲	26	· ·	180	8.1. 59	109, 01	909
63	Banokradee	69-12	×	×	0	0.00	0.00	0.0	×		×	Ģ	0.00	0.00	0.0
	(10)	115-24	×	× 09	120	33. 28	45.64	38.0	× 2	60	×	120	43. 53	56.11	46
120 BII	l Bangshan	115-24	2 ×	×	120	37.78	18.88	10, 7	× 2	9	×	120	52.02	67.06	55
Ľ		69-24		× 09	120	28.39	36.73	30.6	2 ×	99	×	120	11, 92	57.90	æ,
ļ.,	1.0	69-12	×	×	0	00.00	0.00	0.0	×		×	0	0.00	0.00	-
		115-12	×	× (0!)	08	45.40	58.74	73.4	×		×	0	0.00	0: 00	-
		115-21	×	X	D	0.00	0.00	0.0	2 ×	9	×	120	62.44	80. 18	9
123 EC	C Ekachai	69-12	×		•	0.00	00.00	00	×		×	o	0.00	0.00	-
		115-21	- :]		120	24. 35	31.50	26.3	×	9	×	120	(5, 30	58.39	2,
12.	K Ghouklang	69-24	× ~	×	120	96 00 00 00	62.68	52.2	× >		×>	0 180	00 00 01 00 01 00	8 9	0 5
101	1	115.2	K >	()	961	50 E	77 01	64.9	× ×	9	×	180	98.63	127, 13	12
	Jong actions	13.51			0	00.0	90 0	0 0	×		×	0	0.00	0.00	
	7	69-21	× ×		120	23.16	29.96	25.0	×	69	×	120	67. 19	86, 93	22
		115-21	. :			0.00	0.00	0.0	×		×	С	0.00	0, 00	0.0
127 KE	E Kaset	69-12	×	×	0	0.00	07.00	0.0	×		×	0	0.00	0.00	0.0
		69.21	, ×	. ×:	120	51.65	. 66. 82	55. 7	2 ×	99	×	120	56. 58	85.82	7.
128 KG	S Klongkum	115-21	2 ×	× 09	120	47.15	61.00	50.8	2 ×	60	×	120	52.31	67. 13	56
20		115-21	× 2	× · · · · · · · · · · · · · · · · · · ·	120	-32, 30	41.79	34.8	2 ×	60	×	120	63.08	81.30	9
1	177	69-12	× -	×	OP:	21. 53	21.85	9 69	×		×	0	0.00		0.0
	-7	69-21	×	X	0	1		0.0	× 2	60	×	120	67.90	87. 53	72
131 X.I	1 Vuang thong 1	115-21	× 2	× 09	120		76.98	64. 2	×	9	×	120	67. 21	86.63	72
132 15	5 Nuingthong 5	115-24	× 2	× 09	021		76.58	63.8	2 ×	99	×	120	66.65	85.91	-
133 16		115.21	2 ×	×	120		77.03	51.2	×	90	×	120	66.31	85. 17	1.
131 X7	7 Musing thong 7	115-24	× 22	× 09	120	63.01	81.52	67.9	× 2	90	×	120	62.80	80.95	6
135 NI.	. Nanglerng	69-12	2 ×	× 01	8	- 44.19	57.17	71.5	×	9	×	120	62.80	80. 69	5.5
136 TA	1,	115-24	× 2	× 92	120	31.80	45, 02	31.5	×	9	×	180	103, 33	133.19	r-

Appendix 6.3-2 Load and Installed Capacity of Distribution Substations (JICA Study leam Fiam, Flamming lear = 2001 - 2010)

		(2)	tank contiguration	ration		Concident no	מסטיכטוווכו שנו	00117791100	3	NATIONAL INC.		no di london	Ē	5	00112211110
					(10.1)		(111)	(v) lot				(YAL)	(41)	(WA) factor	tor (S)
		115-12	×	×	-	0.00	0.00	0.0	×		×	0	0.00	8	ဝ
Ŀ		115-24	3 × 50	×	180	81.92	105.35	58.5	×	09	×	180	110.01	140, 79	5.5
2	RC Saoralyong	115-24	×		120	66.52	85.54	71.3	× 2		×	120	61.57	18.78	85.
Ŀ	7	115-24		×	120	.47.61	61.23	51.0	2 ×	. 09	×	120	52. 2.1	65.81	35.
109 SE		115-24		×	180	99, 19	127. 56	70.9	×	90	×	180	111.88	1.03, 1.1	79.
35 011	G Suantuang	12-69	×	×	0	0.00	000	0.0	×	: :	×	0	0.00	00.00	0
		115-24	3 × 60		081	86.38	. 111.05	61.7	×	90	×	081	99.36	127.89	1-
=======================================	K. Surasak	69-12	×	×	0	0.00	0.00	0	1	:	×	o :	0.00	00.00	0.0
	15	69-24	2 × 60	×	120	47.98	61.70	51.4	×	92	×	120	51. 33	65, 95	33.
112 TN	N Taiban	115-24	2 × 60	×	120	58.08	74.69	62.2	× 2	90	×	120	60.85	77.83	2
113 TF	F Tarcerattana	115-21	2 × 60	×	120	48.01	61.74	51.5	x	99	×	120	18.76	62.38	52.
T 111	TR Thomburirom	69-12	×	×	0	0.00	0.00	0.0	×		×	0	0.00	00.0	0.0
18 1 18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		115-24	2 × 60	×	120	47.30	60.83	50. 7	×	D9	×	120	51.25	83, 37	51.6
115 11	Til Tungsonghong	69-24	×	×	0	0.00	0.00	0.0	×		×	0	0.00	0.00	0.
		115-24	3. × . 60	*	180	83.62	107. 53	59. 7	×	99	×	180	112.32	143, 71	79.8
116 YK	K Yenarkart	69-12		×	0.	00.00	0.00	0.0	×		×	0	00.00	0.00	0.0
		69-24	3 × × 60	*		96. 12	123.99	68.8	×	99	×	180	81.65	104, 16	58
117 AE	B Bangbyr	115-24		×	120	87.68	87.03	72:5	2 ×	09	×	120	55.34	70.80	59.0
31 811		69-12	×	×	0	0.00	0.00	0.0	×		×	0	0.00	0.00	0
S.		115-12	×	× .	0.00	0.00	00.0	0.0	×		×	0	0.00	0.00	0.0
		115-24	3 × 60	X	180	92.75	119.27	66.3	×	. 09	×	180	104. 62	133, 85	F
C3 611	D Bungkradee	21-69	×	*****	0	0.00	0.00	0.0	×		×	0	00.00	0.00	0.0
		115-21	3 × 60	×	180	73.29	94. 25	52.4	×	99	×	180	92, 12	117. 86	65.3
120 131	II Bangshan	115-21	3 × 80	x	180	97. 47	125.35	69. 6	×	99	* *	180	98.80	126. 11	70.2
121	l Garmai	69-24	2 × 50	×	120	67.24	86.47	72. 1	×	99	×	081	81.61	104. 11	58.0
122	D Dindaeng	69-12	×	×	0	0.00	0.00	0.0	×		x	0	00.00	0.00	0.0
		115-12	×	***	0	00.00	0 0 0	0.0	×		×	0	00 0	0.00	0
	П	115-24	3 ×	×	180	70. 75	90 08	50.6	×	99	×	180	81.85	104, 72	58.2
23	C Ekachai	21-69	×	×	~	0 00	8 0	0.0	×		× :	0	06 5	0.00	0.0
		115-24	2€ × ↔	×	180	4. 45	09 801	60.3	×	2	×	180	106. 15	135.81	10
<u>장</u>	Chonklang	- 69 - 2-	×		9	90 0	8	0 0	×		×.	0	00 0	0.0	0.0
- 1 -	Т	12-21			08	94.66	121. 73	57. 6	×	3 5	×	081	169.51	110.11	1
	- 1	12.51	×	×	180	88.80	21 12	(9.0)	×	90	×	190	191. 32	129, 89	7,
7 83	Jalosag	21.69	×	×	5.	99 (d	8 8	5 ;	×		×	0	8 9	00.00	⇔ .
		VZ-69	×	×	3	9 6	25 CO	o :	× ;	Ę	× . :	0	0.00	20 4	0 .
L	7	13.51		×	100	(9.36	30.10	1 6	×	00	×	161	0 : 00	101.17	7
# 2	NUSC!	21-69	× ;	×	-	00 i	00.0	⊃ ¢	× ;	e a	× .	ۍ د •	06.0	0.00	0.0
23	K Indiaham	115.93		< >	190	75.00	0R 52	52.7	× ×	8 5	< >	000	131 06	135.32	2.1.
1.	5 3	115.91		× ×	081	80 08	164 TA	57.0	>	u u	()	180	56 30	1.5:43	0 03
	1	60.19	,		6	0 00	100	0 0			,	001	70, 49	1.7 (2.9)	6 6
- 9	(. °	7- 69	چ ۲	× × ×	7.81	2 E	110 89		(×	. 02	; ; c_ >	9 61	07 61	191-09	5 2
13; 14;	Muangthong 4	115-24	×	×	120	67.35	86. 61	72. 2	×	09	×	081	92. 18	118.32	122
21,		115-21	×	×	120	66.79	85.89	71.6	× 2	90	×	120	58.09	71.32	61
Lat	$\overline{}$	115-24	2 × 60	×	120	66. 45	85. 45	71.2	× 2	99	×	120	57.71	73, 83	61.
13:1		115-24	2 × 60	×	120	62.93	80.93	67.4	×	91	×	180	87. 52	111. 97	62.
2.1	, Nanglerng	69-12	3 × 40	×	120	62.20	79.98	66.7	×	<u>.</u>	×	160	92. 75	118.65	7.1.2
	TA Patanukara	115-24	.3 × 60	X	180	80.89	50 FO	0 42	7	110	,	201	00 00	or or	100
137 PL	Pl. bol.						20.1.0	31.0	٠,	90	×	181	33.03		2

	ABB	Substation	Vol tage			2001							2006			
			6	Bunk configuration	stion	Cupacity (MVA)	coincident no	non-coinci (MYA)	factor (V)	Benk	ok configuration	5	Capacity (WA)	coincident (VF)	(VYA)	factor (V)
38	E	Prawes	115-21	2 × 80	×			56.42	1 1	2		X - 15	120		80.62	
		Prompong	115.21	×	×	120	35. 75	46.25	38.5	2 ×	99	×	021		90. 67	75.
	177	Sainoi	115-21	×	×	120	22. 36	28.93	2.1.1	x 2		×	120		55.05	15.9
	59 X	Camical	115-12	2 × (40)	×	68	12. 50	54.99	68.7	×		* * .	•	- ' - :	0.00	
	7		115-21	× >	×××	0	8, 00 51, 25	0.00 RQ 02	0 0	×××	2 5	×	021	7 19 2 19	79.01	9.66.0
21.	e o	Shirotti	12.21		(×	061	25.55	71.86	50 05	1		×	021		1- 95	, .
1.,	1.	niapiec	13.61	< >	(>	08	35. 54	36.12	4 95 1	,		×	671	0.00	00.00	
	785	National States	21.60		< ×	3 -	6 6 6	0.00	, c	× ×	26	×	120	1	59, 22	် တို့
152	YI	Summan	12.51	2 × 55	×	120	21.36	27.6	23.0	× ~		×	120		39. 12	32.
1.1.	200	Surintarcog	115-24	×	×	120	16.36	21.17	17.6			×	120	4.0	52.82	
_		Thu-ksian	89-12	2 × (40)	×	08	38. 95	50.39	63.0	×		×	0	0.00	00.00	0.0
			69-21	×	×	0	0.00	0 0	0.0	~	£	×	120		69.71	28
8 2	H	Trokchan	115-12	2 × (40)	×		31.72	41.92	56. 2			×	•	0.00	0.00	0 0
	: H :	the second secon	12-51	×	21		00.0	00.00	0 0	×		×	081		102. 10	6 90
		Tubyao	115-24	2 × 60	×	921	30.36	39. 28	32.7	2	26	×	120		55. 29	
3.		ra (Kampacug	27 - 62	× × •	× ×	190	00 m 24 75	ET	9 6	Κ ×	9	K : X	- <u> </u>	10.00	18	9 6
152	2	Fullukart	21.69	·\×	4	0.3	0.00	0.00	0.0	4		×	0		0.00	
	200		12-69	2 × 60	×	120	33.32		35.9	.×	99	×	120		56.83	47.4
152	AK	Ascike	115-24		×	0.	0.00	00.00	0.0	2 ×		×	120		82. 75	.69
133	BT 18	Bangbuotong	115-51	×	×	0	0.00	00.0	0.0	X		×	0			:
15:1	HS B	Banghusae	115-24	x	×	0	0.00	0.00	0.0	× 2		×	120	63, 33	81.63	68.0
122	10	Bangkaer	115-24	×	×	0	00.00	0.00	0.0	× 2	98	×	120			39.
120	T.	Bangplecyai	115-24	×	×	0	0.00	0.00	0.0	×		×			0.00	
	Ē	Bangtalard	115-24	×	×	0	0.00	0.00	0.0	× 2	. :	×	120			-18.
		Jorakabuo	15.24	×	×	0	0.00	0.00	0.0	×	90	×	180			36.
	1	Klongbangpi	15-24	×	×	0	0.00	00.0	0.0			×	0	0.00	0.00	
		Kiongna	115-23	×	×	0	0.00	0 00	0 0	2	20	×	120			11.1
_	6 1	Venous posteroot o	115.24	,	×		0.00	00.00	0 6			< >	> =		8 6	
	100	Land & Ilcuse	115 22	×	×	C	9 6	98 0	0	6	8	x	120	69. 25		
		Musing thong 8	115.24	×	×	0	0.00	0.00	0.0	2		x	120			
	ж9.	Musing themy 9	115:24	×	×	0	0.00	0.00	0.0	2		×	120	÷.	69.91	58.
166	¥	Prarankan	115-21	×	×	0	0.00	0.00	0.0	× 2	90	×	120		63.15	52.
19	ĨŽ	Rajchaprarop	115-24	×	×	0	0.00	00.00	0.0	×		×	180		89.95	
<u>2</u>		Хапатрио	115-24	×	×	0	0.00	00.00	0.0	2	.	×	120		8221	68
_		Sananikom	115.24	×	×	0	0.00	0.00	0.0	×		×	120	51.	74.11	53.
_		Songsunikon	115-21	×	×	0	0.00	0.00	0.0	2		×	120		18.51	역 :
		Srinakarin	115-24	×	×	6	0. 00	0.00	0.0	× ~	90	×	120	51. 13	65.91	51.
	5	Thonglor	115-24	×	×	6	0.00	0, 00	0.0	×		×	0	0.00	0.00	
	ा	Tungkru	115 24	×	×	0	0.00	00.00	0 0	- 1	1	×	0	0.00	0,00	
		Faldeeded	69-24	×	×	0	0.00	000	0.0	× 2	09	×	120	19, 07	63. 25	32.
		Bangkruay	115-24	×	×	С	0.00	0.00	0.0	×		×	0	0.00	0.00	0.0
Ц		Rungpany	115-24	×	×	0	0.00	.0. .0.	0.0	×		×	e l	0.00	0.00	
_	: [-	Bungpla	15-24	×	×	0	0.03	00.00	0 0	×		×		0 0	0.00	
.: L:		Klengdan	12-51	×	×	0	0.00	D. DO	0.0	×		×	Ð	00 10	0.00	
179	_	Transmission in the	-													

1. 1. 1. 1. 1. 1. 1. 1.	No ABB	Substation	Voltage									3. 3.		2016			
Fig.			(83)	Bank co	nfiguration	0			non-coinci (XVX)	Ī.	Bani	k configurati	lon.	Capaci ty	coincident	non-coinci	utilization
15 Marchenolette 115-21 2 × 2 m 2 × 10 m 2		5	115-24				120	62. 19	80.36	ŀ	e3	99	×	180	57 56	197	
15 Sincher 115-72 2. x 20		100	115-24	×			180	77. 28	99.38	55.2	1	90	×	180	01 58		63
18. Marchan 18.		1	115-2:1	2 ×			120	19.80	64.04	53.1		909	×	120	55.77		12
18 State 18	 		115-12	×	×		0	0.00	0.00	0.0	×		×	0	0.00	0.00	ď
18. Statistics 18.50 3 x 8 x 18.50 3 x 8 x 18.50 3 x 8 x 18.50 18.50 1 x 18.50 18.50 1 x 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 <	_1	- "	115-24	. 1	: -		180	101.07	129.97	72.2	×	90	×	180	96.06	=	ić
15 Statistical 15 15 15 15 15 15 15 1		: 1	115-24	- 1			180	95, 22	122, 15	0 89	×	90	×	180	102, 31	136, 96	72.
5 5 5 5 5 5 5 5 5 5			115-21	: 1			180	84.36	108, 18	60.3	×	60	×	180	62, 65		=
11 Section 115-21 2 × 60		3	69-12				0	6.0	0.00	0.0	×		×	0	0.00		0.6
11 Section 115-21 2 × 50 X × 100 20-06 3.02 4.66 2 × 60 X × 100 20-06 3.02 4.66 2 × 60 X × 100 3.02 4.66 3	5 .		69-24	: 1			120	47.98	61.70	21. 1	×	-60	×	F20	51. 35		55. (
1 Machine 18-24 2 × 60		7]	115-21	٠,			120	39, 06	50.23	11.9	× 2	69	×	120	52. 17		55.9
11 The Arthunis 6847 2			115-21	- 1			120	45.36	58.33	18.6	× ~	25	×	120	62.85		67.0
Tr. Trickerson 18/21 X RS 43			69-12	٠.			•	9 6	0.00	0.0	×		*	•	0.00	٠	0.0
1	بلد		69-21	- 1			120	28	62.48	52.1	× 2	90	×	120	52. 25		55.
17 New 115-24 2			115-12	1.1			0	0.00	0.00	0 0	x :	· · · · · · · · · · · · · · · · · · ·	x -	0	00.00		0.0
Machine Mach			113-24	- 1			80	91.72	117. 95	65. 5	×	29	×	180	108. 71	139. 09	n.s
1 Mitchard Mitch	_	Tubyao	115-24	×			120	61.46	79. 0:1	65. 9	×	99	×	180	82 88	126.38	102
17 Marchinett 68-72 2 × 60 × 7 90 67-9 55-9 5 × 60 × 7 90 10.0 1	,	va (kampaeng	69-12	٠.	1	1 1 2	0	0.00			×		×		0.00		0.0
Marchenery 1552 2	1		FZ-59	- 1:			180	85. 18	109, 54	60.9	×	99	×	180	110, 43	141, 29	78.
Aft Name 18-24 X × x 180 38-14 55-15 X × x 180 58-15 55-15 X × x 180 88-15 38-15 X × x 180 X × x 180 88-15 38-15 X × x 180 X × x 180 <td>17.7</td> <td>Pullakari</td> <td>21-69</td> <td>3.5</td> <td>Ä.</td> <td></td> <td>0 8</td> <td>6</td> <td>6 0</td> <td>o o</td> <td>×</td> <td>:</td> <td>*</td> <td>0.</td> <td>0.00</td> <td>0.00</td> <td>0.0</td>	17.7	Pullakari	21-69	3.5	Ä.		0 8	6	6 0	o o	×	:	*	0.	0.00	0.00	0.0
Manughamistrope 1524 3 × 60 × 100 154 155 3 × 60 × 100 154 155 3 × 60 × 100 155 155 3 × 60 × 100 155 155 3 × 60 × 100 155 155 3 × 60 × 100 155	÷		12-0	- 1			22	50.74	65. 25	54.4	×	9	×	120	53. 78		57.3
17. Bugsthesser 115.24 2 × 60 X 100 7.60		10.	12-51	-1-			3 5	96.94	55 31	5 62	×	09	×	081	89 01		33
19 bingliant 115-21 2 × 60 × 120 44.20 36.21 17.4 2 × 60 × 120 51.46 19 bingliant 115-21 2 × 60 × 120 44.20 36.21 7 × 60 × 120 51.46 19 bingliant 115-21 2 × 60 × 120 36.17 12.40 7 × 60 × 120 51.46 19 bingliant 115-21 2 × 60 × 120 12.40 12.40 7 × 60 × 120 51.45 19 bingliant 115-21 2 × 60 × 120 12.20 2 × 60 × 120 12.30 12.		Semphiasar	115-24	1			081	79.05	30 61	2 TO	\ \ \ \ \	00	,	0.00	60, 39		3
Probability of Superprincipal in the Superp		12.	115-24	ŀ			96	44.20	56.82	17 A		09	<	180	50.05		S S
Th bloogle band bloog	12.		115-24	1			120	61. 76	79, 42	66.2	×	90	×	120	51.16		56 S
131 Junishbori 1 115-24 3 × 80 X 180 Junishbori 1	انــا	_	115-24				120	58.14	74, 77	62.3	×	99	×	120	6.86		7.7
LG Noteburge1: 115-24 3 × 60 × 180 710-83 91.03 50.0 3 × 60 × 17.37 CF Noteburge1: 115-24 2 × 60 × 120 41.8 51.2 2 × 60 × 120 41.8 51.2 2 × 60 × 120 41.8 61.7 51.2 2 × 60 × 120 41.8 62.1 3 × 60 × 120 41.4 58.1 3 × 60 × 180 82.1 11.6 52.7 3 × 60 × 180 82.1 11.6 52.7 3 × 60 × 180 82.1 11.6 52.7 3 × 60 × 180 82.1 11.6 52.7 3 × 60 × 180 82.1 11.6 52.1 3 × 60 × 180 82.1 3 × 60 × 180 82.1 3 × 60 × 180 82.1 3 × 60 × 180 82.1 3 × 60 × 180 82.1 3 × 60 × 180	_	Jorakabuo 1	115-24				180	110.42	142. 00	78.9	ĺ	29	×	180	104, 67		7.7
LIV Strongtone 115-21 2 x 660 x 129 41.7 51.2 2 x 600 x 129 41.7 51.2 2 x 600 x 120 41.7 3 x 60 x 120 41.7 3 x 60 x 120 41.7 62.83 52.7 3 x 60 x 180 81.7 13.2 x 60 x 180 82.77 106.4 59.1 3 x 60 x 100 80.3 10.2 x			115-24	E	.		180	70.83	91.03	50.6	×	60	×	081	77.37	68.36	38
GF Vindeplace 115-24 2 × 60 X 62.65 52.1 3 × 60 X 180 96.36 OF Interplace 115-24 3 × 60 X 180 84.16 114.66 63.7 3 × 60 X 180 95.80 NS Banch Long 115-24 3 × 60 X 120 61.32 78.86 65.7 2 × 60 X 180 82.77 106.41 3 × 60 X 180 92.83 93.83 NP Samarikon 115.24		Flongra	115-24				120	47.80	61. 47	51.2	2 ×	90	×	120	51. 79	66. 26	55.
LIN Principlestreeta 115-21 3 × 60 × 180 88.1 G 114.66 63.7 G 3 × 60 × 180 98.1 G 114.66 63.7 G 3 × 60 × 180 95.8 G 7 60 × 180 95.8 G 7 60 × 60 × 180 98.1 G 7 60 × 60 8.3 G 8.3 G × 60 × 180 98.3 G 98.3 G 8.3 G × 60 × 180 98.3 G 98.3 G 8.3 G × 60 × 180 98.3 G 98.3 G 8.3 G × 60 × 180 98.3 G 98.3 G 8.3 G × 60 × 180 98.3 G 88.3 G 180 × 60.3 G	للنث	Klongpune	115-24				120	48.87	62.85	52. 1	×	90	×	180	90.56	115.87	36
Old Manage Line 115-24 3 × 60 × 180 82.77 106.44 59.1 3 × 60 × 180 82.77 106.44 59.1 3 × 60 × 165.21 2 × 60 × 165.21 2 × 60 × 100.44 59.1 2 × 60 × 100.64 59.2 2 × 60 × 100.64 59.2 × 60 × 120 51.13 68.13 2 × 60 × 60 × 120 51.23 2 × 60 × 60 × 120 51.24 2 × 60 × 60 × 120 51.12 66.51 2 × 60 × 60 × 120 51.12 66.51 2 × 60 × 120 61.85 120 52.1 2 × 60 × 120 61.85 120 25.2 60 × 120 61.85 120 62.85 120 62.85 120 62.85 120 62.85 120 62.85 120 62.85 120	- 1	Krunglepkreeta	115-21	- 1			180	89. 16	11.66	63.7	×	90	×	- 180	95.80	122. 57	. 68
NB Summathons 8 115-21 2 × 60 × 120 61.32 78.86 65.7 2 × 60 × 120 61.32 78.86 65.7 2 × 60 × 120 61.01 NG Name Name Name 115-24 2 × 60 × 120 51.73 66.85 3 × 60 × 120 61.01 NP Streamston 115-24 2 × 60 × 120 51.13 69.61 3 × 60 × 120 68.35 NP Streamston 115-24 2 × 60 × 120 51.13 69.61 2 × 60 × 120 68.35 NP Streamston 115-24 2 × 60 × 120 51.13 69.61 2 × 60 × 120 66.35 NP Streamston 115-24 2 × 60 × 120 51.20 68.10 × 60 × 120 66.35 67.11 7 60 × 60 × 120 66.31 3 60 × 120 <t< td=""><td></td><td>Land & Ilouse</td><td>115-24</td><td>٠.</td><td></td><td></td><td>180</td><td>82.77</td><td>106. 4.1</td><td>59. 1</td><td>×</td><td>60</td><td>×</td><td>081</td><td>93. 36</td><td>119, 45</td><td>. 66.</td></t<>		Land & Ilouse	115-24	٠.			180	82.77	106. 4.1	59. 1	×	60	×	081	93. 36	119, 45	. 66.
National Lineary Linear		Numpthong 8	115-21				120	61.32	78.86	65, 7	×	99	×	120	68.83	88. 115	77
NL. Proprietation 115-24 2 × 60 × 120 51.72 R6.51 55.4 2 × 60 × 120 51.72 R6.51 55.4 2 × 60 × 120 51.72 R6.51 3 × 60 × 100 91.88 NP. Superport 115-24 2 × 60 × 120 R6.91 66.10 2 × 60 × 120 R6.53 2 × 60 × 120 R6.54 2 × 60 × 120 R6.	. 4		113-21				120	51.38	69.93	58.3	×	90	×	120	61.01	78.09	65.
N. Summerson 113-24 3 × 640 X 180 88.30 113.55 63.1 3 × 60 X 180 91.88 N. Summerson 115-24 2 × 60 X 120 54.13 68.51 3 × 60 X 180 89.83 N. Summerson 115-24 2 × 60 X 120 68.39 50.3 2 × 60 X 180 89.83 N. Summixion 115-24 2 × 60 X 120 68.49 57.1 2 × 60 X 120 65.60 I. Shinkrin 115-24 2 × 60 X 120 48.53 68.49 57.1 2 × 60 X 120 65.60 X 120 80.32 30.32 30.32 30.32 30.32 30.32 30.32 30.32 30.32 30.32 3	1		12-cii	-1k			120	51. 72	66, 51	55.	× 2	60	×	120	59.81	76: 56	63
Obs. Squarition 115-24 2 60 X 60 X 60 X 60 X 60 X 120 64. 35 86. 10 71. 8 3 X 60 X 120 64. 35 86. 10 71. 8 3 X 60 X 120 66. 33 6. 33 5. 3 X 60 X 120 65. 60 X 120 120 120	4	Kajeraprarop	12-01				981	88.30	113. 55	63.1	×	99	×	180	91.88	121.39	67
(K) Symptomic Management (Management (. 13	Science (Section)	13.51	1			120	54.13	69. 61	28.0	× 2	90	×	120	66. 55	85.15	
Try Name Sent Mode L13-24 2 × 60 X 120 46, 33 56, 3 2 × 60 X 120 65, 00 18 Stringstantor 115, 24 2 × 60 X 120 68, 43 57, 1 3 × 60 X 180 80, 52 10 Total Margania 115, 24 2 × 60 X 120 61, 55 73, 66 2 × 60 X 120 56, 83 10 Faidecelor 69, 24 2 × 60 X 120 61, 56 73, 66 3 × 60 X 120 68, 69 67 Bangkruss 115-24 X 60 X 120 61, 96 X 60 X 120 68, 59 67 Bangplan 115-24 X X 0 0.0	1	SUMITION NO.	7.51	t.			120	56. 95	86. 10	71.8	×	90	×	180	89.93	115.06	22
13 13 14 15 15 15 15 15 15 15		-	10-21	: 1			155	46.91	60.33	50.3	2 ×	60	×	120	65.00	83.15	. 69
12.1 Integral 15.21 2 × 60 × 120 48.63 67.55 79.15 66.0 2 × 60 × 120 56.66 TD. Integral Resignance Resignanc	4	_	12-61	- 1			52	53.26	68. 49	57.1	×	60	×	180	80, 52	103. 02	31
Uningkru 113-24 2 × 640 × 120 61,55 78,15 66,0 2 × 640 × 120 66,69 Full disciplation Full State Full St	1.	thong tor	12 21	١,			120	18. 63	62. 54	52.1	×	60	×	120	56.26	71.98	5 0 .0
OF Rangerium Rangerung 115-24 × bd × 120 61.95 73.68 66.4 3 × 60 × 180 68.38 OF Rangeuing 115-24 × × × 0.00 0.00 0.00 2 × 60 × 120 61.37 AA Rangelia 115-24 × × × 0 0.00 0.00 0.0 2 × 60 × 120 61.32 AA Rangelia 115-24 × × 0 0.00 0.00 0.00 2 × 60 × 120 61.32 AA Rangelia 115-24 × × 0 0.00 0.00 0.00 3 × 60 × 120 61.32	-+-	Lunkkru	12.51				021	61.55	79. 15	66.0	×	9	×		66. 69	85.32	71.
of Basiguing 113-24 × × 0.00 0.00 0.00 0.0 2 × 60 × 120 35.21- AA Basiguing 113-24 × × × 0.00 0.00 0.0 2 × 60 × 120 61.37 D. Monggradium 115-24 × × × 0 0.00 0.00 0.0 2 × 60 × 120 61.32 GT Monggradium 115-24 × × 60 0.00 <	-	Par deceand	12.50				02.1	61.96	79.68	. 99	×	90	×	180	68.38	87. 19	18 6
Out Descripting 113-24 × × 0.00 0.00 0.00 0.00 2 × 60 51.97 Absolutions 115-24 × × × 0 0.00 0.00 2 × 60 × 120 61.32 C7 Klonggration 115-24 × × × 120 65.38 G7 Klonggration 115-24 × × 180 80.89	1	INTER LUCIA	12.51	×	×		9	0, 00	00 0	6.9	×	69	×	120	35, 21	15.09	37.6
An Intropage Control of the National o	بلك	Bangpung	115-24	×	×		0	0.00	0.00	0.0	×	2	×	120	61.97	83.12	69.3
The integrand of the i	- 10	rangpia	12-C1	×	×		c	0.03	n. 60	0.0	×	90	×	120	61. 52	78.71	65. 6
13. x 10 0.00 0.00 0.00 0.00 0.00 0.00 0.0	44	N ICHNODA	12.CI1	×	×		0	50	0.00	0.0	2 ×	- 80	×	120	15.38	58.06	82
20 200 CO		IN CONCETTURED		>	>		•										

 Y	AB0	Substation	Vol tage					2001	٠						2	2006			
				4	Sank configuration	uration		Capaci 15	coincident		non-coinci u	utilization	Bunk con.	Bank configuration	පි	٠	coincident non-coinci		utilization
			(%)					(AYA)	(XI)		(MYA) G	factor (%)			•	(VAA)	(41)	(WA)	factor (V)
181	LS Lumpagshe	agshe	115-24		×	×	:		0	0.00	0.00	0.0	×	×		0	0.00	0.00	0
92	192 NI Nimitean	teai	15-24		×	×			0	0.00	0,00	0.0	×	×		0	0.00	0.00	0
183	NY Nongyai	yai	115-24		×	×			0	0.00	0.00	0.0	×	×		0	0.00	0.00	0
18:	IL Pinklao	lao	115-21		×	×			0	0.00	0, 00	0.0	×	×		0	0.00	0.00	0
185	185 Pli Pongpetch	petch	115-24		×	×			0	0.00	0.00	0.0	×	×		0	00.0	0.00	0
186	186 PT Puttamonton	amonton	115-24		×	×			0	0.00	0.00	0.0	×	×		0	0.00	0.00	ď
187	30 Rajchakru	hakru	115-24	1.7	×	×			0	0.00	0.00	0.0	×	×		0	0. 00	0.00	0
188	RK Rajdomri	anri	115-24		×	×			0	0.00	0.00	0.0	×	×		0	0.00	0.00	0
86	189 AT Suterntai	ırntai	115-24		×	×			0	0.00	0.00	0.0	×	×		0	0.00	0,00	
8	190 IL Talingchan	ngchan	115-24		×	×			0	0.00	0.00	0.0	×	×		0	0.00	00.00)
16	191 IN Tiamruannit	ruannit	115-24		×	×			0	0.00	0.00	0.0	×	×		0	0.00	0.00	
36	192 KM Trimit	ii.	69-12		×	×			0	0.00	0, 00	0.0	×	×		0	0.00	0.00	
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1. 1820	0.9170		404	167	0000
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1. 1825	0.9140		3.	121	0000
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versity Factor	ter Factor	1000年,1000年,1000年	eber of Bank	aber of Substation	4/6

Appendix 6.3-2 Load and Installed Capacity of Distribution Substations (JICA Study Team Plan. Planning Year = 2001 - 2016)

Substation	Yoltage				2011							2016			
		Bank 4	configuration	vo	Capaci ty	coincident	non-coinci	utilization	Bunk	configurati	ion	Capacity	coincident	non-coinci	utilization
	(KV)				(MYA)	(30)	(XVA)	factor (\$)				(YAN)	(G)	(AYA)	factor (V)
يو	115-24	×		×	0	0.00	0.00	0.0	×	09	×	180	107, 79	137. 91	78.5
·	115-24	2 ×	9	×	120	16. 92	60.34	50.3	× ~	09	×	120	65.01	83, 18	6.93
	115-2:1	× 2	60	×	120	50.23	6.1. 50	53.8	× 2	60	×	120	51: 91	66. 41	55.3
0	115-24	×	90	×	180	89.60	115, 22	61.0	3 ×	60	×	981	109. 32	139.86	77.7
tch	115-24	×		×	¢	0.00	0.00	0.0	× 2	60	×	120	64.32		68.6
onton	115-2:1	×		×	С	0. 190	0.00	0.0	×	9	×	120	57.10		60.8
kre	115-21	× 2	99	×	120	55. 18	71.35	59. 5	×	90	×	120	68. 22	87. 28	72.7
ï	115-24	×		×	Ç	0.00	0.00	0.0	×	99	×	120	52.88		3ft
taj	115-24	×	69	×	180	77.51	99. 68	55.4	χ κ	90	×	180	83.28	106. 55	39. 2
chan	115~24	×		×	0	0.00	0.00	0.0	×	60	×	120	57, 53	73, 60	61.3
eammait	115-24	2 ×	90	×	120	51.35	56.03	55.0	2 ×	60	×	120	39, 41	76.01	63.3
	69-12	× eo	OP	×	120	70, 97	91.27	76. 1	×	01:	×	120	60, 50	77. 10	19
٠															
					26. 700	12, 645, 85	16, 262, 11	60.0				29, 240	14, 873, 67		25
	ABB Substation LS Luspagshe NI Nisitaai NY Mongvai LL Pinklao Pil Pongpetch PY Puttamonton RN Rajchakru RN Rajchakru RN Rajchakru TL Talingchan TL Talingchan TY Triait RN Triait	ubstation gabe in in in in in in in in in i	ubstation Voltage (KV) (KV) (She 115-21 2 (She 115-24 2 (She 115-24 3 (S	ubstation Voltage (KV) (KV) (She 115-21 2 (She 115-24 2 (She 115-24 3 (S	ubstation Voltage Bank configuration (KV) (KV) (She 115-24 2 60 sai 115-24 2 60 si 115-24 2 60 so 115-24 3 60 so 115-24 3 60 stch 115-24 3 60 stch 115-24 3 60 stri 115-24 2 60 stri 115-24 2 60 stri 115-24 3 40	ubstation Voltage Bank configuration 2011 (KV) (KV) (KV) (She 115-24 X 60 X main 115-24 2 60 X main 115-24 2 60 X main 115-24 2 60 X conton 115-24 3 60 X conton 115-24 X 60 X conton 115-24 X 60 X kru 115-24 X 60 X chan 115-24 X 60 X chan 115-24 X X X triai 115-24 X X X trimin 115-24 X X	ubstation Voltage Bank configuration Capacity (KV) (KV) (WA) (She 115-21 X 60 X 120 no 115-24 2 60 X 120 no 115-24 2 60 X 120 no 115-24 3 80 X 180 sterh 115-24 X 60 X 180 scritch 115-24 X 60 X 0 skru 115-24 X 60 X 180 skru 115-24 X 60 X 180 skru 115-24 X 60 X 180 ckban 115-24 X 60 X 180 skru 115-24 X 60 X 180 skru 115-24 X 60 X 180 skru 115-24 X 60	Validaçe Rank configuration Capacity Coincident non-coincident non-coincident	Voltage	Voltage Pank configuration Capacity Caya Cayacity Caya Cayacity Caya Cayacity Caya Cayacity Caya Cayacity Caya C	Voltage Pank configuration Capacity Caya Cayacity Caya Cayacity Caya Cayacity Caya Cayacity Caya Cayacity Caya C	Ubstation Voltage Bank configuration Capacity coincident non-coinci utilization Runk configuration (KV) (KV)	ubstation Yolage Bank configuration Capacity coincident non-coinci utilization Bank configuration Capacity coincident non-coinci utilization Bank configuration Capacity (WYA) (WYA) <th< td=""><td>ubstation Yoltage Bank configuration 2011 Runk configuration Capacity coincident non-coinci utilization Runk configuration Capacity (WYA) (WYA)</td><td> Voltage</td></th<>	ubstation Yoltage Bank configuration 2011 Runk configuration Capacity coincident non-coinci utilization Runk configuration Capacity (WYA) (WYA)	Voltage

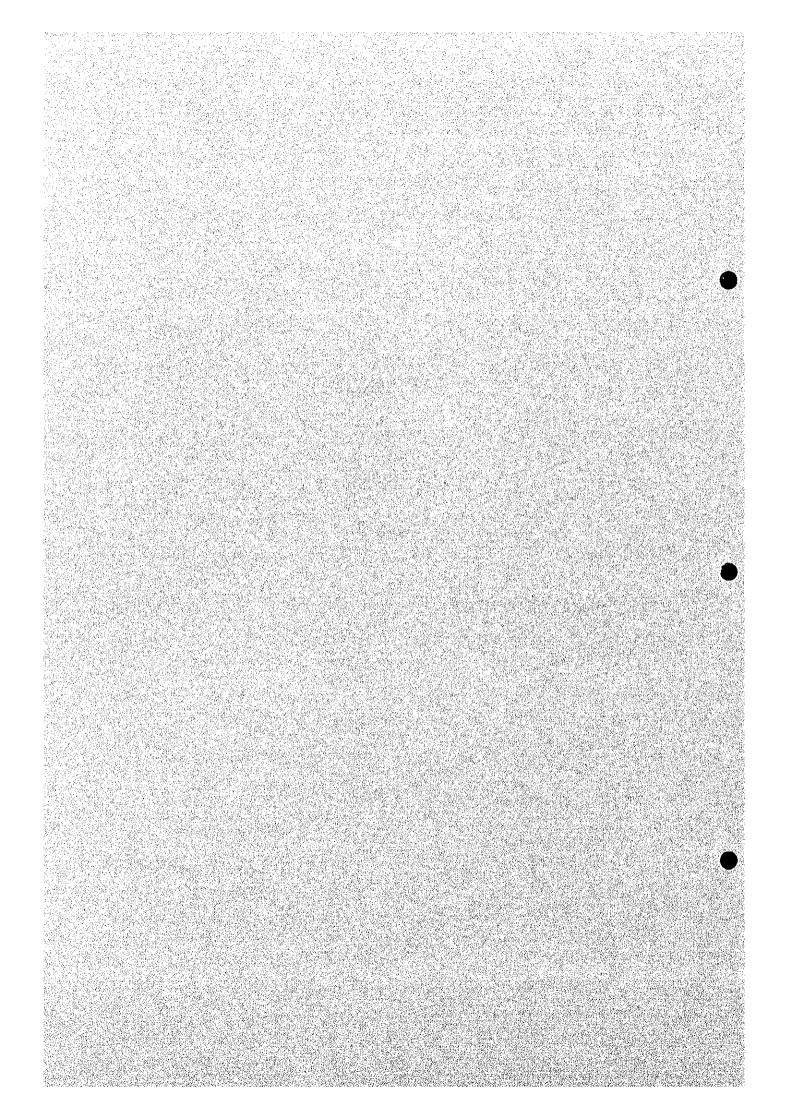
& & & & & & & & & & & & & & & & & & &	755.0			16	66	2. 6823
1. 1318	0.9130			476	. 182	2.6154
Diversity Factor	Power Factor	3	4	Number of Bank a	Number of Substation b	Ratio a/b

APPENDIX

for

CHAPTER 6

(6.3-3)



2	ી	ŀ				1000								1997			-
	2	Substation		Bank configuration.	ation	ب د	coincident n	non-coinci (XYA)	utilization factor (%)	Bank	configuration	tion	Ĩ` Ĭ	ži (coincident r (VV)		utilization factor (%)
	28	Bangbon) × C	×	120	59.67	99.77	64.7	X X	01	××)) (1)	120	# 9 7	60. 27	50.0 0.0
	نلن		69-24	××	×××	9	32.04	41.70	69.5	× 2	- 69	×		120	64 63	83.87	69.9
	4 E	Dangkapi Bangkapi	69-12		×		38.41	49.99	62.5	x . 2	01-	ж. :		8	28. 47	36.95	2.9
		V 10	69-24		×	09	21.93	28.54	10.5	× ×	29 89	×		09	27. 15	35. 23	1.85
		<i>i</i> :	115-24	- 1 .	x ,	09	86.23	£1.25	102	\ - -	9	×		120	61.47	79. 77	66.5
	<u> </u>	Bangkhunprom Ranak La	21-68	40	< x	08	38. 55	50.18	62.7	× -	9	×		9	25. 14	32. 62	•••
	4	45	59-24	×		0		0.00	0.0		- 40	×		9	19.1	21.80	9
	OE L	Bangkok noi	21-69	0)* × 1	x :	Q 9		23.43 24.43	58.7	× ×	9 5	××		? 9	18.00	23.38	38.9
	6	Renderachen	69-24	1 × 40	××	20	6.34	8.25	41.3	- 2	01	×		02	6.88	8.93	41.8
		42.	: 2 : 2 : 2	.х	×	0		0.00	0.0	1		×		0		0.00	0.0
	M	Bangnod	69-12	2 × (40)	×	08	39. 40	51.28	- · · · · · · · · · · · · · · · · · · ·	X)	(40)	× >		25	₹. %		86 C
	N. L.	T	69-24	×	'	40	74 02	0. 00 18 25	45.6			×		0		0.00	
	3 2	Mungus	2 6	\$ \$ X	×	07	21.04	27.38	68.5	~	40	×		80	10, 70	52.82	
L	=	Bengnam jued	115-24		2 × 6	60 140	71.44	92.98	68.4	× -	20	× 2	60	071	75. 21	97.60	69. 7
 35			115-24		×	120	69. 22	60.06	75. 1		99	×		021	9	83.20	
	13	0.75	21-69	3 × (10)	× ;	120	57.74	75 15 6	82.6 n	× ×	9	××		0.21 0.21	67.79	00.00	•
	aa y	Hanen	52-54 86-24	× × ×	×	120	59.53	77. 49	64.6	. ×	9	×		120	51.63	67.00	55.8
	8 ≘	1,4,1	115-24	(×	×	0		0.00	0.0			×	1	0		0.00	
	2 <u>1</u>	Bungpxxgpung	69-12			.40	22.00	28.63	71. 6	×	- 40	×		40	20.19	26. 20	
		1777 .	69-24	×	X .3	09	20.52	26.71	2 0 0	× ×		* ×	- - - -	200	78.00	0.00	
<u> </u>	5		52 CH	××	××	120	52.76	68.87	57.2	×		×		0		0.00	
	\$ P	wed Share	115-24	×	×	O		0.00	0.0	×	9	×		120	49. 14	63, 77	53.1
Ц	na Li	l Bangpu	115-24	×	×	80	51.05	66.44	83.1	X .		×		08	16.51	50.36	ri u
1		\neg	115.24	2 ×	×	120	39.35	51. 22	12.	× ×	09	× ×		9	31.76	11.22	68.7
	£	Rangsaotong Rangsockhao	64-19		×	8	37.59	48.93	61.2	×	9	×		01	22. 13	28. 72	71.8
		7.7	69-24	×	×	0		0.00	0.0	x	9 40	×		0	22.00	28. 55	
	21 CC	Т	115.24	1 × 60	×	09	29.30	38 -	63.6	× :	9	×		9	35. 29	13. 26 29. 68	25.00
	23 CZ	Chankase	69-12	¥ .	×	2 :	62 S	19.72	2.29	× >	2 5	< >		3 2			- 6.
1	- E	1.5	69-24	× ×	×	001	50 33	65.51	65.5	× ×	20	×		<u>8</u>	59. 12	77	177.
	3		53 75	×	×	0		0.00	0.0	×		×		0		0.00	
1	20	Descriptions	69-12	×	×	0		0.00	0.0	×	·	×		•	:	0.00	
		. 7	69-24	2 × 40		60 110.	41.80	58.31	41.7	× >	40	× ×	Z	01-	45. 13	58 57	
1			115-24	×	×	190	46 71	60.00	9. u	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	95	×		120	18.73	63.21	52.7
1.	£ 25 25 %	Hustkyang	27-52	× ×	×	120	SO. 61	65.87	9.19	×	=	×		120	53.59	16. 54	
	200	100	69-24	×	×	•		0.00	0.0			×		0		0.00	
	27 KJ	Flyndian	L	\ 	,	•		90 9	0 0	_			:			2	

Appendix 6.3-3 Load and Installed Capacity of Distribution Substations (MEA Original Plan, Planning Year = 1997 - 2001)

		-													
Xo ABB	38 Substation	. Voltage			1998										:
		Ę	Bank conf	Bank configuration	Capacity (MM)	coincident	non-coinci	utilization factor (%)	Bank o	configuration		Capaci (y o	coincident m	non-coinci u	utilization factor (%)
=======================================	B Bangbon	69-12		×	. 1		63.77	53.1	2 ×	0.7	×	08	31. 15	10.36	30.5
		69-24	×			-		0.0	×	: 육	×	9	26, 35	31. 1.1	85. 4
2 BN	N Bangchalong	115-24	2 ×	× 09				72. 6	2 ×	60	×	120	61.90	80.21	65.8
3 BA	A Bangkapi	21-69	:		1.	80 29.00	37. 61	0.71.	× 7	OP	×	- 08	30.59	39.61	9 61
		69-2:1	×					50.8	×	60	×	09	21.00	31, 10	51.8
*	П	115-24		× 99				61.0	2 ×	60	×	120	33.05	12.82	35.7
5. 58	ा	69-12	×	× 0	7			67.8	×	40	×	120	6.1, 90	81.09	70.1
æ	L Bangklo	69-12	×			40 17.00	22. 0-1	55. 1	×	40	×	9	17.00	22. 03	33.
		69-24	× -	× 04				65.8	- ×	40	×	40	21.78	28. 22	20.6
&	O Bangkok noi	69-12	×	×				6.1.8	×	0	×	0,	20.17	26. 14	8 1
	-	69-21	×			:		17.6			×	09	23. 66	30.66	51.1
æ ₩	C Bangkrachao	69-12	:	×		20 7.16	•	45.1	7	0.	×	20	7.15	9. 63	18 3
	Т	69-24	×					0.0			×	0		0.00	0.0
2	M Bangmod	69-12	2 × (40)		7 · · · · · · · · · · · · · · · · · · ·	38.31	49.68	62.1	x .	(0)	× :	02 %	25.00	<u> </u>	6 5
1 3	7	2-69	× :	× 3			90 00	0.0	-	a de	× :	ਡ	20.00	25.91	13 2
2	G dangra	ZI-69	×)	x		39 67		0.0	x >			0 6		9 5	0 1
-	R.C. Bennesta stord	19-21	,	c	in the			70.0	- ا	000	(F)	90	30 OF	110 21	0 0
		7	,	3				19.0	,	2 62	AL .	97	03.10	10.01	10.0
	1	2.09	× >		1			69 1	20 0	761	× >	021	(3. (4	35.55 - 76	9 5.
5 27	A Demogratikou	71-80 80-94	* >	× >	7	20 37.42 D	97.5	95.	x> mi	€	× ×	921	91.3(20 S	n 9
da T	P Breard an	20-93			94		:	0 02	\ •	En	\ \ \	061	30 32	10.00	5
<u> </u>	1	115-21	×	(×	*			0	4	3	(×	3 5	3	00.0	? C
2	Panimonimono	80-19			*			E9 A				2		90 0	0
50	10	2.5) 			30.00) œ	СX		· ×	•		8 8	ء د
		115-24	×			0		0.0	EN)	.09	: ×	120	51. 12	66.21	22.5
16 BD	D Bangpood	12-69	×	×		0	0.00	0.0			×	0		0.00	0.0
. 1		115-24	2 ×		1			55.2	2	90	×	120	53. 15	68.87	57. 4
4		115-24	×			80 18.37	4	18.1	× 2	- 10	×	- 80	50.31	65. 19	81.5
	ा	115-24	× ~		17			47.6	×	90	×	120	18.84	63.28	52. 7
. 1	Т	115-21				60 33.03		11.	×	- 80	×	9	34, 35	11, 51	74.2
20 20	Y Bungy cekhan	21 - 69 - 13 - 69 - 13			अंग ः		28. 14	76.	x —	0	×	₽.	21.30	27. 60	69.0
	1	52 59						77.80	×.	9	×	<u>و</u>	27.02	35, 01	87, 5
3 5	Т	13.61	×			00 00 10		00	<u>.</u>	(10)	×	70	31. 33	41.34	23.0
4	Creatives	2	X >	30		31.06	4.00 20.00	916	× >	2 5	×)	01:	5. co	21.30 60.40	ri c
- C	0.00	.7 .00	,		92	00 10		0 - 0	, - -	00	71 ×	001	16. 50	62.59	b3. 2
10.	41.	71 - 70-	(X	×		0	0 00	- 10	⊀ ×	3	× ×	00	63.03	62.53	c 25
NO FG	Dynamico	60.19	×	,		, .	00 0	6	,		,	6		00.00	2 0
		6 63	\				3 6	5 c	ς >		κ :))		00.0	3 6
		115-01	: [::	< >		אם פוץ	50 63) o	< >	ç a	K 2	-	ŝ	3 6	٠ ٠ ٠
36	1	2 60 93	,		91	19 19	00.00	9 0	c o	00		001	10.01	17.00	13.1
1	Т	77.50	×		7	91.00	10 54	22.5	× 2	00	×	25	53. 9.1	68.83	2.86
3 S	w.imgpe.tem	71-R6	Ω; × →	x >	=	18.8c	92.97	2 c	x ;	3	× :	021	65. 16		70 1
	Т	2-60	κ ;	<			0. 60	0.0	×		×	0		00.00	0 0
7	kiong Jan	71 60	* >	× >	85	9			× >			0 %	Š	0.00	0 0
7.37.57.57.6		0.2		7	31	15 . 50 M	06.21	Je .c.	×	7 04	De x	ng	85 7C	09. HD	6.21

1	Buigbon Bungcha long Bungkapi	***	Bank cree	ention in	2000 Capacity	coincident	non-coinci	utilization	Bank con	configuration	3	2001 Capacity o			utilization
	ngbon ngchalong ngkapi	 §			(WA)	(AB)	(YAY)	factor (V)	1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 /			`	(44)	· i	factor
10	ngchalong ingkapi	69-12		×	28 9	35. 32	45. 78	57.2	× >	××		0 02	61.08	0.00	
88 86 80 SEC	mgkupi	115-24	××	× × 09	120		82.6.	68.3	1			120	65. 67	81.96	
20 SE		69-12	1 :		3	36. 22	16.95	58.7	× 2	×		08	9. 45 5. 45	11.62	
12		69-24			09		38.89	90 00	×			2 2	23 - 12	13, 73	
14 O2 D3 18	bank huen	61-03	× ×	× × 66	0.51		86.52	72. 1	, e			120	36. 50	73.10	
2 X E	Burgklo	21-69	,		00	17.50	22. 68	56.7	×	×		o		0.00	
8 8 8		12-69		× 01	40		29.10	72.8	×		,	≈	11, 15	53.24	
요 콜	Bangkok noi	71-69 71-69	* *	×	9.9		25. 88 32. 40	F 0	× ×	× × 9 26		0 09	18. 72 27. 60	24. 22 35. 71	- :
8	Bangkrachao	69-12			50	8.67	11.24	56.2	2 ×	× e:	v	20	8. 93	11, 55	
8		69-21	- 1	×	0		0.00	0.0	×	^	*	٥		0.00	
	powdung	21-69	3		80	41.22	53.43	99 9	× >	×)	•	& 2	33.53	 	
	And the second second second	69-24	×	× :	99		36.29	50.5	×			2	31. (1)	0.00	
23 26 2	Bangna	69-12	× >	××	0	40.27	52.20	65.3	× ×	` ^ -		> ⊗	41.27	33 ° 53	
1.0	Business Trans	1.15.94	()	x ×	50 140		97.43	69.5	-	20 2 >	09	1.60	70.52	91.24	
2 2	Range Law Jucca	115-24		×		63.63	82. 48	68.7	2	° 09	¥	120	66. 57	86.13	
幺	Bangplakod	69-12	ľ	× (01)	120		82.32	9 39	×	(40)	¥	120	68.51	88.61	٠
		69-24	×	X	0		00.00	0 0				0		0.00	
2	Bangplee	69-24	× 3	×	120	57.52	74.56	62 :	× ×	9	¥ . ¥	021	59. 25	£ 5	· :
15. PC	Bancongrane	69-12	×	××		11 / 2 / 2 /	0.00	0.0				0		0.00	
		2-69	×	*	0		00.00	0.0						0.00	
		115-21	×	× 09	120	52.69	68.30	56.9	×	° 09		120	55.30	71. 55	
26	Bungpood	69-24	×	×	0		00.00	0 :	× >			0 5	98 00	8 <u>9</u>	1
- [The state of the s	12 -61	× >	× ×	08		61 97	77.3	×	\$	×	8	-19 25	63.72	
5	Bargraktai	115-24	× 2		120		62.09	54.2	2 ×	· 09	¥	120	42.27	51.69	
86	Bangsaotong	115-24			99		10.67	67.8	-	¢ 09.	V	99	32.32	11.81	
. B.	Bangyeckhan	69-12	× 1		40.	18.00	23.33	58.3	×		¥	0		8 6	
		69-24	×		90		38.35	95. 9	2	01		Q 1	40.78	52. 76	
8	Chulongkrung	115-24	× –		09		12.62	71.0	-	02	¥ .	2 2	33.81	28.51	
25 CI 27	Chunkasen	69-12	× 	×		:	22. 15	÷ 6	x)	2 9	£ .	: ⊋ : <u>⊆</u> :	23 60	27 92	
;	2.11.1	17.69	×	× × ×	100		85 03	85.0	- ~	X X		901	67.57	87. 12	
3		71,009	< ×				00.00		: ×	:		0		0.00	
2.1 DM D	Rynneusing	21-69	×	×	0		9.00	0.0				0		0, 00	
1		P2-69	×	×	0		0.90	0.0	×	×		0		0.00	•
		115-24	×	× 09	180		65. 17	36.2	×	, 60	¥	180	51.79	67.00	
	Huavkwang	69 - 24	2 ×	¥ 09	120	55.71	72.21	60.2	×	2	×	180	74, 53	36. 12	
26 KP K	Kingpetch	69-12	3 ×	× · · · · · · (0+) · · ·	120	67. 12	81.00	72.5	× ~	(10)	×	& 8	ਲ : ∓ €	51.26	
		69-24	×	×	0		0.00	0.0	×	99	×	2	27. 19	8 .cc	
27 [3]	Klengjan	69-12	× >	××	2 2	<u> </u>	0.00	0.0	× × -	10	: :	180	56. 22	0.00	

Appendix 6.3-3 Load and Installed Capacity of Distribution Substations (NEA Original Plan, Planning Year = 1997 - 2001)

ŀ	ļ																	
No ABB	Substation	Vol tage			÷	199							. :					
		(Bank	Bank configuration	8	25 25 3	ity	ent	non-coinci	utilization	<u>8</u>	Bank configuration	ation	₫ `	Capacity	ent	non-coinci	ž
	Т	(N)				(XX)	(4)	(a)	(MAA)	factor (1)					(MA)	(44)	(1,1)	factor (%)
8	Klongmai	69-12	×		×		0		0.00	d	×		×	:	0		0.00	0.0
		69-21	× -	- 40	×		9	16.69	21. 72	<u>.;</u>		40	×	-	0†	18.93	21, 57	61. 4
83 83	Klongsanaacha i	69-12	× -	0	x.		9	27.74	36. ::	90.	×	9	× 	(95)	8	10, 19	52, 93	66.2
DA Marie Garage		69-21	×		× :		0		0.00	900		:	×	.:	0,6		0.00	0.0
	T	+2-C			×		3		0.00	3	,		× :				8 3	0.0
3	A longsanpasaatt	21-69	× >	ន	× >	9	S 5	66 55 56	25.00	0 0	× >	2	× >	₽	2 °	16. 11	63.73	79.7
3	Klongsam	69-12	×		×		- 0		0.0	o o			×		9 0		0.00	0 0
10		69-2.1	×	9	×		8	13. 23	56.27	62	× ~	40	×		S	13 61	35. 39	70.7
32 KT	Klongtoey	69-12	× 2	- 40	×		80	39. 29	51. 14	63.9	8 ×		×	-	98	31.19	10. 18	50.6
		69-2.1	×		×		0		0.00	9.	×		×		6		0.00	n. 0
2	Klongwatsing	69-12	* :	(48)	×		æ °	29.38	38.25	47.8	× :	(9	×	· .	8	30. 12	39. 48	+6+
3.1	Krunai	12-69	× × ~	99	× ×	(40)	o &	30 85	60.00	o 12	× ×	OF.	× × -	(10)	0 8	91 09	G 3	0 0
(5.5 m)		69-24	×		×		3 -		0.0	0.0	• }•	1	×	}	3 0	,	2 6	
		115-24	×	09	×		. 09	24.88	32.38	54. (× - 0	99	×		99	28 15	36. 53	6 09
36 LP	Lardpruo	89-12	× 2	20	×		0#	26.93	35.05	8.78	2	3	×		80	32, 70	42.44	53.0
45		69-24	×	-	×		0		0.00	0.1	×		×		0		0.00	0.0
5 6	Lumpini	69-12	×	9	×		29	85.39	111.14	69. 5	₹.	e	×		091	87.55	113, 61	71.0
4:		PZ-59	. I		×		0		0.00	0			×		٥		00.00	0.0
×	Maha isanan	69-12	X :	9 :	x :		2 9	16.00	2 2 2 3	32	× :	e :	x ;	:	&	17. 37	22.80	28.5
1	Machine III	2 5	. []	20 5	× -	,	2 5	20.14	72.62	435	- ,	2 3	×		09	23. 75	30.82	51.4
8	No.	115-24	× ×	3	: ×	(4)	2 0	94.19		od e	× ×	⊋ ;.	× >	(7 9)	0.70 7.70	57 22	- C C C	6.9.5
40 NA	Nai-ad	69-12	×	10	×	1 1 1 1 1 1 1 1 1	28	39.64	51 59		× 2	9	×		8	13.13	26.65	0.09
		69-24	- 4		×		0		90	0.0	×		×			•	0.00	0.0
<u>+</u>	Kakasun	69-12	×	0	×		80	53.14	91 69	86. 5	× ~	40	× -	(40)	120	67. 22	87. 23	72.7
41		12-69	-		×		0		90 50	9	í		×				0.0	0.0
	: I '	12-611	- 1	a :	1		021	52, 90	88	51.4	2	9	×		120	50.76	65.87	51.9
3	Mochi L	21-60	× ×	₹	× ×		120	44. 52	57.95	600	× >	9	× >	9	<u>8</u>	15. 22	58.58 8.58	00 c
- 44 KG	Musingmain	115-24	× -2	25	×		120	59. 63	77. 81	199	× ~	æ	×		120	55.31	71.78	30.0
45 NI	Muangthong 1	115-24	× 1	99	×		99	41.64	5.1.20	90. 3	2	. 09	×		120	50.67	55. 75	51.8
46 NN	Ku-mu	69-12	×	9	¥.		- 00	14.79	19. 25	48.	×	(40)	×		04	18.00	20.76	51.9
		72 G3	× :	3	x		<u>2</u>	17. 13.	22.36	96 96	×	8	×		82	23. 35	30.30	25.3
15	Promit Prom	2 61	×)		×,		2 3	00.00	9 9	0.6			×				0.00	0.0
3 90		7 69	* *	2 2	× ×		2 5	00 .22	3 U 5 F	0.17	× >	9 9	× .>		₽ 2	Z; 02:	31.21	78.0
48 HR	Nonthaburi	59 12	×	2	 -	40	8	18 87	63 53	70.7	-	3	\ -	40	26	00.07	36. 41	70
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		115-24	×		*	- 1			6.0				×		- c		3 2	
3N 6F	North Burgkok	69-12	X	20	×		9	13. 70	7.83	14.6			×				0. 00	0.0
		69-21	3 ×	-01	×		120	11.11	22. 27	18.6	×	40	×		120	32. 94	(2, 75	35.6
2	Pukkred	69-12	× 7	2	×	**	8	38.36	19.93	62.4	×		×	-	0		0. 00	0.0
		69.24	× -	3	×		90	35. 60	. 34 . 34	77.2	×	. A.	×		•		0.00	0.0
		115-12	×		×		-		0.00	0:0	× -	<u>.</u>	x		0	23.00	29.82	74.6

У. С	Append	dix 6.	Appendix 6.3-3 Load and Installed Capacity of Distribution Substations (MEA	nstalled C	apacity	of Dist	ribution	1 Substa	tions (M		Original Plan.		Planning Year = 1997	= 1997	- 2001)			٠,						(5/21)	%
	Ŋ.	82	Substation	Voltuge					=======================================	1998										1999	and in a second		in i	ut illization	5
					B	Bank configuration	guration		క్రీ కే	Capucity (AYA)	coincident (NY)	-/	non-coinci t (WA)	utilization factor (V)	. ~	Bank c	Bank contiguration	uo:		(AVA)		- 1	(47.4)		3
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	7	5 ·	A1018#1	69-21		÷ ć×	2	×		40	22. 69	69	29. 12	7.	73. 6	×	0.	×			0.	23. 60	30, 38		78
1	82	ន	Klongsananchai	21-69	-		-		(40)	08	12, 12	12	55.01	19	68.8	×	후	×			<u>.</u>	15. 55	20, 15		200
		14		69- 21	*			×		0			9.0	₹. `	000	× :	3	×	5 1 1			29. 22	33. 35		d c
							-		ç		63	7.0	67.59	a a	2 G	×××	20	× ×	01		08	11.91	38. 19		12
	8	3	A longsampasam i	27-72	× ×		3	< ×	2	9 0	į	: :	0.00	, –	0.0		} 	×			0		0.01		0.0
	5	5	Flongsarn	69-12		×		×		0			0.00		0.0			×			0	!	0.00		0.0
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	3	13		69-24	233		34	×		0			0.00	To 10 10 10 10	0.0	×		×			0		0.00		9
	7	2	Krunai	69-12			- 9-	×	(40)	€ *	33.20	20	43.05	ഗ് ്	85 C	×× ×	=	× ×	()			31. 53	17.71		50°C
			1,-4-1,-1,-1	12-69		×	5	×		9	25	25.08	32.52	ľ	1.2	×	- 09	×			90	35.04	15.		75. 7
<u>'I</u>	3 8	5 33	Lardorao	89-12	- 82	~	2	×		8	88	33. 56	43.52	45	* +	×	(1 0)	×			101	05 11	19.31		⇔ :
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39	37	<u>-</u>	Lunpini	69-12	- 2	×	40	× >		<u> 등</u>	6	91.64	18.05			× ×	₽	××		- 1	0	2	122. 54	. ~	10.1
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	9	¥	Nai-ad	69-12	2		\$	√ ×		8		38. 71	50. 20	6	200	×	\$	×			80	10.26	52. 17	-	123 123
	151			69-2A	. 1.			×		٥			0.00		0.0	. 4		. I.	(3)		0 5	12. 62	0.00		3 6
<u>13-6.</u>	\$	¥	Nakasun	69-12		x >		хх	(40)	921	16.789 	- -	90.65 0.00		n 0	X X N		k x) (1)	\	0		0,00)	9.0
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I de social		Sec. 4.5	Mochi t	69-12	2		40		(40)	120	15	45. 41	58.88	4	49. 1	. × × × ×	40	× ×	9		120	25	61. 57	·	51.3
*		4		12.62	٠		5	××		120	15	51 69	67 03	100	5.9	×	22	×			120	53. 76	69, 68		58. 1
120	<u>- v</u>		Missing Bellin	115-24		1	99	×		120	35.	98	73, 73	9	61.4		. 60	×			120	57. 13	71.0]	61.
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ar Pa			7	69-24	2		29	×		120	ጄ	ić.	31.86	α `	26.6	× >	26 26	× >			07.L	70° 02	59.55	· •	- c
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Appendix 6.3-3 Load and Installed Capacity of Distribution Substations (MEA Original Plan, Planning Year = 1997 - 2001)

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	utilization	factor (V)	37.1	51.5	58.3	0.0	75.0	0.0	0.0	69.0	48.3	71.3	71.2	0.0	9.T.G	0 0	77.5	50.	41. 3	0.57	46.9	!	41.1	77.5	77.5	77. 5 77. 5 6. 2 67. 2 0. 0	47.7 77.5 0.0 67.2 69.2	77. 5 77. 5 0. 0 67. 2 69. 2 0. 0	77. 57. 57. 50. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	77. 57. 57. 50. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	77. 57. 57. 50. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	77. 57. 57. 50. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	17. 57 77. 57 77. 57 60. 0 60. 0 54. 6 54. 6 55. 7 55. 8	7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7	7.7.5 7.7.5 7.7.5 6.0.0 6.0.0 7.4.6 6.0.0	7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7	77. 5 77. 5 77. 5 70. 0 70. 0 70. 0 70. 0 70. 0 70. 0 70. 0 70. 0 70. 0 70. 0	60.0 60.0	71.7.7.7.7.00.00.00.00.00.00.00.00.00.00.0	7.7.7 77.5.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	77.77 77.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	77.77 77.50 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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	coincident	(M)			27.00		16.26			12. 59					35. 57	1		[] []																								
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		Conneident (vr) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Appendix 6.3-3 Load and Installed Capacity of Distribution Substations (MEA Original Plan, Planning Year = 1997 - 2001)

ŀ	L	ŀ													
٤	ABB Substation	n Yoltaye		.e.,	8661										
		ĺ	Bank or	Bank configuration	Capacity	v coincident	non-coinci	utilization	Bank co	Bank configuration		Capacity or	Ĕ	non-coinci	8
		(14)	ŀ			(4)		lactor (*)				(444)	(4)	(40.4)	factor (V)
	Т	17-611	- [×	14.06	31.31	10.0	2	90	×	02.1	14.00	640.90	30
2	1	115-21	×	10		80 2.1.86	71 14	6 88 88	×	9	×	0&	54.85	71.07	88
23	Petchkusen	69-12	×	40 2	× 22.4 8.1	84.8 51.66	65 99	79.0	-		2 × 22.5	8+8	53. 72	69. 61	82 1
1	_	69-24	×		×	0	0.00	0.0			×	0		0.00	0.0
8	Pl Phaisingto	69-12				40 19.17	21 86	62.2	×	=	×	₽	13.91	25. 8.1	61.5
	. [69-21	- 1		and the same		67 66	56.1	2 ×	99	×	120	54. 67	70.84	39.0
iń.	P.I. Poojao	69-12	×	9		120 62.16	80.60	67.2	X es	9	×	120	61.63	83, 77	8 69
	Т	69-24	×	1 1 1 1 1 1 1 1 1	×	0	0.00	9.0	×		×	0		0.00	0.0
13	Prachachuen	69-12	63 X	9		80 34.11	44. 23	55.3	× &	· •	*	08	35. 16	15. 95	 -:
	П	69-24	×		Х	0	0 00	0.0	×		×			0.00	C U
<mark>አ</mark>	PK Prakanong	69-12	× -		×	40 25.00	32. 42	1 18	×	<u>.</u>	×	40	28. 77	37.28	93.2
		69-24	×				32 76	6.18	×	9	×	9	29, 50	38. 22	95.6
- 1	PR Prakasa	115-24	× 2	-	09 ×		79.14	56.5	× 2	0+	. 09 ×	140	63.51	82.29	58.8
3 5	PO Prannok	21-69	X	2		80 47.56	61.67	11.11	× ×		×	80	19. 16	61, 09	80.1
1	Т	12-69	- 1	4			0.00	0.0	×		×	٥		0.00	0.0
S.	PD Propradacng	69-12	×	40		120 55.01	71.33	29.	×	<u></u>	×	120	19. 76	G1. 19	53.7
		69-24			The second secon		0.00	0.0	×		×			00.00	0.0
8	P. Prasanait	69-12	×		×	80 41.79	54. 19	67. 7	X ev	<u>0</u> -	×	080	41.00	53. 13	1 99
		-2-69	×		×		27.34	68.3	× -	Q#	×	40	24.38	31.59	79.0
5	PN Prathoawan	89-12	×	^ =	×		70.77	59.0	×	10	×	120	65. 16	81:43	70. 1
		89-24	×		×	0	00.00	0.0	×		×	0		0.00	0.0
- 1	T	115-24	2 ×		XX	120 45.36	58.82	19.0	2 ×	09	×	021	16.26	59. 9.1	50.0
2	Rii Ronkhamhaeng	69-12	٠.,				0.00	0.0	* 22		×	0 :		0.00	0.0
		69-24	- 1	_	29		71. 50	1.15	×	04	× 80	110	57. 30	74. 25	53.0
2	RN Rasburana	69-12	X TP	^ •		120 69. 52	90.15	75.	х m	Q	×	120	72.30	93.68	78.1
1	-1-	12 Ed	. 1				6.88	9	×		×			0.00	0.0
2	7	13-31	×			120 59. 43	77.06	64.2	× 2	09	×	120	62.36	80.80	67.3
8	AC KUNKDFOCAD	71-69 71-69			× >		6. 60 2. 53		× ;	. 6	×	.	į	0.00	0.0
1		0. 0.0 0.00	. 1			181 72.33	83. (9	32. 1	×	3	×	081	74. 47	96. 19	33. 6
3	5118 3	71-60	X)	~ ~	X ** >	38. 7	50.20	20 c	X :	\$	×	æ '	10.01	52.53	5.7
8	See Comment	2 50	()	1 .			00.00	9 0	× .		×	D		00 0	0 0
Y . C		71 69	< ×	2 5	< ×	on 77. 37. Eii 11 00	02.52	C 60 C	× >	⊋ &	× >	⊋ ₹	26 72 26 72	<u></u>	5. 6
8	SN Sunsum	69-12	×			120 65.05	81.35	70.3	×	9	×	120	20.82	30. P.	36. 6
		69-24	×	~	×	A	0.00	0.0	×		×			2	0.0
R.	SS Suread	69-12	× 		×	40 20.71	26.86	67. 1	×	01	×	04	21: 54.	27.91	69.8
4		12 69 S1	2 ×	X0	X		53.84	67.3	× 2	01	×	80	13.18	55, 95	6.69
<u> </u>		69-12	×	×	×	60 93.52	121. 27	75. 8	×	0†	×	160	96. 72	125.32	78.3
.72	SP Suparmon	69-12	X	X	1	0	00.0	0.0	×		×	0		00.00	0.0
		69-24	×				62. 15	52.0	2 ×	90	×	120	50:03	81.90	51.1
ß	Silon	21-69	× ~*	×	¥.	80	61,35	76. 7	× 2	0.	×	80	16.40	60.12	13.2
. ``		F2-69	*		×	0	00.0	0.0	×		×	0		0.00	0.0
Z	SY Sipraya	69-12	15	×	A section promotes to their	80 42.21	54.73	68.4	×	.	×	80	39.79	31.36	6.1.5
-1		69-24	×				0.00	D. O	×		×	0		0.00	0.0
55	Sy Sxavijai	21-69				40 23.47	30, 13	76. 1	×	2	·	\$	25. 10	32.91	82.3
	the fact that the second of the second		× 2	× •		120 47.21	61. 22	21.0	× 2	æ	×	120	52.10	67.51	56.3

8	STY	Substation	Voltage			2000		1. 200 -	ntiliantion	Rank or	Bank configuration		2001	coincident	ron-coincí	utilization
			£	Bank confriguration	guration	(NY)	(AR)	(MYA)	factor (%)		, and a		(10,1)	(M)		factor
		The second secon	115-21	3 × °C	× 09	180	0 70.34	91.17		×	90	×	180		93.73	
5	X.	Paknon	115-21		**************************************	08	.0 56.35	73.04	91.3	×	09	×	180		65.81	
52	æ	Petchkasem	21-69		40 2 × 22.4	8.1.8	41.34	53.58	63.2	× ×	22.4	x . x	8. G	25.71 16.81	33.30 21.79	
1	<u>. L.</u>	Phaseinglo	58-24	××	× 07		17.15	22. 23	55.6	×		×	0		0.00	
		7 × 7 × 7 × 7 × 7 × 7 × 7 × 7 × 7 × 7 ×	27-89			120		90.73	75. 6	×	99	×	98	89. 76	116, 13	
īń	P.	Poojao	69-12	×	40 ×	12		90. 20	2.62	×		×	•		00 00	
			69-24	×				0.00	0.0	×	9	×	120	76. 82	99, 39	
53	8	Prachachuca	.69-12	4			96. 54	47.36	59.2	× ×	e e	× ×	9 8	37. 63	0 89 0 89	
5	×	Prokanong	69-12	××	¥0 ×	T 11 11 11 11 11 11 11 11 11 11 11 11 11		37.17	92.9	×		×			0.00	
	1000		69-24			4	40 27.34	35.44	88.6	2 ×	40	×	80		52.00	
37		Prukasa	115-24	× 2)·····×······· 04	-6014	14 2/11	84. 82	9.09	2 ×	10 1	99 ×		68.41	88.33	
58	100	Prannok	69-12	×		\$ 5	22.59	29. 28	25 S	× >	4	x x	O Ş		8 5 1 5	
1			12-69		× × ×	61		13. 3/ 66. 67	2000	× ×	9	< ×	120	38.09	75. 16	
7	e .	raprageng	21-69	* >	< ×			200	9		2	×			0.00	
90	ž	Prasament	21-69	×	×		0	00:00	0.0	×		×	C		0.00	
Š.			69-24	×	10 × ×	12		79.07	65. 9	×	40	×	120		81.29	
9	2	Prathuman	21-69	:	× 01		120 67.12	87.00	72.5	× ;	0 4	× >	₽ 8	23.81	30.81 18.81	٠.
	53 (69-24	×	X	C-	12 07 061	0.00	D 12	× ×	9	< ×	120		36.93	
26 8	× 8	Vonthen house	13-24 69-19	××		***		0.00	0.0	×	8	×			0.00	
3	1.21		69-21			60 14		76.31	5.1.5	× 2	10	× 90			71.79	
B	KZ.	Rasburana	69-12		40 ×	021	50 64.17	83.56	69.6	; × ;	9	× :	021	 	85.92	
	ì	Bu-10 and	69-24	X X	×××	061	10 CS 65	79.13	0.0	× ×	92	××	120	56.05	72, 52	
99	Ŀ	Runzorucha	69-12	×				0.00	0.0	×		×	9		0.00	
	10		69-24	1	× 199	18	180 78.43	101. 56	56. 5	×	25	×	180		97. 68	
67	. S.	Sailom	69-12	x x	×		80 42.97	55.70	9.09	× >	\$	× >	₩ °	20.44	92.26	
3	ê		69-24		×××	1	40 19.89	16.69	3 18	× ×		×	9		0.00	
8	7 2	Semicrally.	21_68 - 1.4	< ×		31		49.58	11.3	×	90	×	180	61.91	80. 10	
69	35	Sansen		×	40. ×	31	120 57. 67	74.75	62.3	× 2	9	×	78		53.32	
			69-24	×	×			0.00	0 0	×	ę	×	3	23.31	30.20	
2	8	Sansab	69 12	×	40 ×			25. 92	60 L	× >	e	×	D÷ &		01:17 01:04	
Ī	+	Subseque	07-50	× >	× ×	91	160 48 12	197 18	70.7	< ×	\$	×	091		109, 13	
79	î îz	Sirentelli	89-12	×				0.00	0.0	×		×	0		0.00	
			69-21		× 09	71	120 51.59	66. 87	55. 7	×	60	×	120	53, 14	68. 75	
73	8	Silon	69-12	2 ×	40 ×	:		55, 77	1.69	2 ×	. 0+	×	80		61.00	
		- 1	69-24	×				0.00	0.0	×		×	- .		0.00	
1/2	35	Sipraya	59-12	;	×		80 10. 98	53. 12	- 68	× ×	2	××	9 5	21.02	27. 20	
			12.69	×	×		0,00	0.00		;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	0.	,	2 5		2 00	
-				>							:	,				

Appendix 6.3-3 Load and Installed Capacity of Distribution Substations (MEA Original Plan, Planning Year = 1997 - 2001)

15/2	188 Cubetation	Vo. Com				9001					_			1001			
		2 2 2	Bank	Bank configuration	130	Capacit	 	coincident no	non-coinci	utilization	Ban	Bank configuration		Capacity	coincident	non-coinci	utilization
		(Kr)				(MA)	,	٠.	(MVA)	factor (%)		,		(MA)	(M)	(47.1)	factor (V)
199	SK South Bangkok	69-12	× 2	02	×		40	11.51	14.98	37.5	2	20	×	0;	12.15	15. 78	
1	\neg	69-21	×		×		٥		0.00	0.0	×	.	×	0		0.00	
F	ST South Thomburi	69-12	× ~•	(04)	×		8	33.98	52.04	65. 1	×	(36)	×	98	12. 79	55. 53	
+	Т	69-24	×		×				0. 00	0. 0			×			0.00	
22	YA Srithanya	69-12	× -	(<u>(</u>	×	·	9	20.61	26. 83	1.79	×	(01)	×	-	27. 21	35.31	
		115-12	×. >		××		0.6		800	ල ර සේ ර			×			00.00	0.0
D.	S. Crance	61-09	×××	QF	\ \		3	29.04	30 50	0.13	× ^	019	×	0	06 31	0,00	
		69-21	· ×	2	· ×		3 =	,	5 0	-	4	}	(×	8		0.00	
8	SU Surasong	69-12	× ×	9	×		120	80.74	79.08	6.59	۳.	07	(x	120	67. 49	87.19	
		69-21	, ×		×		0	•	00.00	0.0			: ×	0		0.00	
8	TS Taksin	69-12	*	40	×		9	18.68	24.31	60.8	-	7	×	9		26.77	
1		69-21	× -	0	×		40	16.00	20.83	52. 1		10	×	40		24. 56	
28	- 1	1.2-69	2 ×	0)	×	09	0/1	77.54	100.92	72. 1	× 2	D.	1 × 60	140		89.16	
23	TT Thenontok	21-69	×.	9	X·		40	28.61	37. 24	93. 1	× -	9	×	01	27. 55	35.75	
	_	69-24	×		×		a		00.0	0.0	×		×	0		0.00	
	TB Thomburi	-68-12	×	0	×		8	44:00	57. 27	71. 6	×	0†	×	80	38.09	19, 13	
	- 1	12-69	×	2	×		69	20.04	26.08	43. 5	×	90	×	9		23.00	
66	TK Tongkung	69-12	× 7	9	×		8	41.63	5.1	67.7	2	40	×	08		56. 1.1	
	_	69-24	×		×		0	:	00.0	0.0	×		×	0		0.00	
9	TB . Tangpetchaboon	69-12	× 77	2	×	:		56.60	73.67	92. 1	× ~	0\$	×	8	19, 71	64.51	
	7	69-24	×		x		0		0.00	0.0	x		×	0		0.00	
<u>.</u>	TT Tang thonglang	69-12	×		×		0	;	DO 0	0.0			×	0		0.00	:
7.1		P2-24		99	×		2	64.73	84. 25	46.8	×	90	×	180		91.77	
	T. Tatlieb	69-12	- 1	9	×		20	64.34	83. 74	69.8		40	×	120	٠	90.38	
2	YT Yothee	68-12	X N	9	×		08	34.63	45.07	56.3	× 7	40	×	08	39. 92	51.80	
1		69-24	×		×		0		0.00	0.0	×		×	0		0.00	
<u>.</u>	SE Bangkac	89-12	× -		×		9	22.49	29. 27	73.2	× -	07	×	01:	28. 44	36.91	
		115-12	×		×		0		96	0.0	×		×	0		00.00	:
-		115-24	×		×	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0		0.00	0,0	×		×	0		00 0	
5	DZ Dangson	69-12	× :	<u> </u>	×		9	32.00	41.65	10.	× ~	(0)	×	8	33.01	12.88	
6	D1 Bourion	7 60		6	()		5	14.07	00.00	0.0	×		×	9		0.00	
<u> </u>	Ņ.,	117.9		3	()		5 6	3	90.4	o c			κ :) ·		00.0	
8	200 mala	60.19	-	(00)	()		9	20 00	00 00	0.00	× 7	00	×	021		65. 33	
	14.5	2 69	(×		. ×		2 0	90.93	g 5	0.00	× ×	(10)	× >	2 6	10.97	<u>-</u> 5	 N
		115-24	*		X		Ġ				. ×	8	; ;	3:5	:	2	
5	ES Ekbori	115-24	×	99	×		99	15.00	20.83	34.7	×	2	×	9	18 00	23.85	
8	M. Kumak	21-69	×	40:	×		40	19.51	25, 39	53.5	×		×	C		00 0	
		12-69	×		×		0		0.00	0.0	× -	9	×	01.	22, 28	28 63	
	-3	115-21	×		×		Ū	1.00	0.00	0.0	×		×	0		00.0	
		69-24	2 ×	09	×		120	36. 03	46. 90	39.1	× 2	60	×	120	10.10	52.01	
8	JR Jangron	69-12	× -	(9 0)	×		- 0	16.33	21. 25	53.1	× 	(10)	×	01/	89 :21	22.91	57.4
		69 24	×		×		0		0.00	0.0	×	 3 3	×	0		0.00	0.0
	KO Khotor	115-24		æ	×		2	40.46	52.66	87.8	× 7	60	×	120	15, 99	59.68	7.61
8	Kl. Kingkaes	H5 24	. ×	9	×	The second second	120	40. 47	52.67	43.9	2 ×	9	×	120	41, 83	51.28	(5.2
										: -							

(11/21)

. 2	ABB	Substation	Voltage	Rank	configuration		5	1998 Camacity co	coincident	non-coinci	utilization	Bank	configuration	S	1999 Capacity	. :	coincident	non-coinci	utilization
			(E)							, ,	actor (%)				(VYA)			(KA)	factor
7.6	SK Sout	South Bangkok	69-12	× 7	20	··· ×		0.0	12.65	16.40	41.0	۲.	02	×		유	E 12	18.33	
	ŧ	Care Thomas	F2-59	××	(10)	* >	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.8	V4 30	57.44	7. 8	× ×	(30)	× ×	-	9	21. 78	28.22	
- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	90	inament in	7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	(×	Ì	×	-	3 -		0.00	0.0	×	60	×		60	26. 09	33.81	
20	YA Srit	Srithanya	51-69	(40) × (40)	(40)	×		- 40	28.09	36.12	1.19	×		×		0		0.00	
: ()			115-12	×		×		 ~ .		0.00	00	× :	()	×		· -	26.38	28. 2	65.0
1	8		12 S	1	4	× ,		0 0	17 07	69 61	0 0	×	٩	×		o 6	90 95	61.86	
2	ત્રે.	Suunson.	59-73 12-73	x x	₽	××		2 •	÷	0.00	0.0		2	×		.: 3 0	3 :	00 0	0.0
8	₹	Suravong	21-69	×	9	×		120	69.30	89.88	71.9	×	0.	×		120	65.71	85. 11	
	11		69-24	×		×		0		00.00	0.0	×		×		0		0 0	
~	TS Taksin	Sio	69-12	x .	Q	×		9 9	19. 21	24.91	62.3		Ç	× ;		0 8	9	00 00	
1			12-69	11	€ :	×		9	22. 00	28.53	5 12	× 2	2 2	× ;	03	08	2 2	5 5 8 8 8	7 50
	È	Tepurak	2-69	× -	= =	1	20 20	100	1 - 10	92.00	200.6	× >	9 9	\ \ - -	00)	2 5	13. 13.	10.00	
3	:: : :::::::::::::::::::::::::::::::::	Thereortok	71-89	×. >	⊋	x : x	9	2 5	44.51	00.00	7.0	< ×	⊋. ·		•	2 0	<u>.</u>	6.0	
18	F	Throtheri	61-08	× 6	GF	×			35.01	07:57	96	×	9	×		200	18.03	23.31	
5 ,			50-24	٠× • -	9	×		. E	23. 23	30. 12	20.5		: 69	×		8	12. 76	113	
22	H	Tongkung	69-12	×	9	×		8	14, 99	58.34	72.9	× ~	0#	×		8	16.90	50.77	
			69-24			×		0		0.00	0.0	×		×		0		0.00	
88	J.B	Yungpetchaboon	69-12	× 2	9	×			51.70	67.04	83.8	× 2	40	×	:	80	63, 70	82, 54	
			69.24	×		×		0		00.00	0.0	×		×		0		0.00	
LE .	Ė	Fang thong lang	69-12	2.0	1 1	x .:		?		0.00	0 (×	 :	×:		0 9	·· •	9.00	
1			69-24	1	8 :	×		081	74.56	96.68	33. /	×	2 2	× ;		28 61	75 00	90.33	n co
20 6	1	Patheo	21-69	×	9 9	×,		(2)	11 50	93.70	- 6	× >	Q C	*		07	02 67	5 5	
3	17.4		24-29	(X	?	۲×		3 6	,	00.00	9 6	×	2	: ×		3 0		60.00	:
8	BE Buns	Bangkac	69-12	×	6	×		9	30. 42	39. 45	98.6	×		×		0		0.00	0.0
	1. 1		115-12	×		×		-		0:00	0.0	X 63	(10)	×		80	÷ 6.	53.95	
			115-24	×		×				0, 00	0.0	×		×		٥		0.00	
91	28	Bangson	69-12	E)	(40)	×		8	37. 16	48.19	60.2	× -	(-{B})	×	•	0	21.3	31. 58	
			69.24	×		×				0.00	0.0	×	09	×		20	23. 32	30, 58	
8	F	Deur ing	69-24	×	į	×		-	ç	0.00	0 0	x :		× ;	* .	0 6		00.00	
6	FW EP.		60-19	× >	(40)	× >		021	91.81	56.35	30.7	×	(GF)	\ \ 		100	22. 68	29, 39	73.5
?		ì	59-51	. ×	9	×		120		71.02	5.65	×	9	×	:	120	36.97	73.82	
			115-24		;	×		-	:	00 0	0 0	×		×		0		0.00	
16	EB Ekburi	uri	115 24	× -	59	×		9	20.54	26. 63	7.7	×	09	×		60	21.36	27, 68	
	VII	mak	. 69-12	×	1	×	:	a		0.00	0.0	×	: 	×	:	9	· .	0.00	
			69-2:1	× 	40	×		9	23. 17	30.05	75. 1	×	Q;	×		ģ	26. 10	26, 04	
			115-21	×		×				0.00	0.0	×	:	×		0		0.00	
	NI .	intamara	1/2-69	2 ×	09	×		120	41.71	5-1, 09	45.1	×	909	×		120	13.37	56. 20	
	J.W.	Jangron	89 12	×-	(40)	×		0)	18.39	23.85	53.6	×	(10)	×		2	19. 13	21.79	
			69.24	×		×				0.00	0.0	- 1		×	-	0		00 00	
	2	tor	115-24	- 1	99	×		120	18.03	62.28	51.9	× 2	S	×	-	120	50, 15	81.98	
66	=	Cinutary	16 211	×	2	×		101	40.01	11.22	G 117			•				-	

Appendix 6.3-3 Load and Installed Capacity of Distribution Substations (MEA Original Plan, Planning Year = 1997 - 2001)

76 SK South Bangkok 77 ST South Thonburi 77 ST South Thonburi 78 Stittanya 80 SU Surawong 80 SU Surawong 81 TS Taksin TS Thonburi 82 TT Thancotok 83 TT Thancotok 85 TT Thancotok 86 TR Tongkung 86 TR Tangpotchaboon 87 TT Tangpotchaboon 88 TT Tangpotchaboon 88 TT Tangpotchaboon 89 TT Tangpotchaboon 80 TT TT TT TT TT TT TT		g ××××××××××××××××××××××××××××××××××××		× × × × × × × × × × × × × × × × × × ×	(WA) (Capacity (WA)	Coincident (WF) (WF) 14.58 0 54.16 0 51.16 0 51.57 0 67.68 0 44.15 0 46.39 0 48.55 0 48.59	(WA) (WA) 18.90 0.00 0.00 70.20 0.00 87.72 0.00 6.00 87.72 88.85 60.13 6.00 24.90 24.90 22.98 62.98 62.98 62.98 62.98 62.98 62.98 62.98 62.98 62.98	105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0 105.0	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Bank configuration (40) (40) (40) (40) (40) (40) (40) (40)	8 ×××××××××××××××××××××××××××××××××××××	2001 Capaci ty (WA) 0 120 0 40 40 40 40 40 40 120 60 60 60 60 60 60 60 60 60 60 60 60 60	(VY) (VY) 15.02 53.18 19.12	(WY) (WY) (WY) (WY) (WY) (WY) (WY) (WY)	10111221100 100 100 18.5 18.5 18.5 17.7 17.7 10.0 10.0
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YA Srittanya Sunason Su Surasong Su Surasong The Teparak TT Teparak TT Temorburi TT Tomorburg TT		× × × × × × × × × × × × × × × × × × ×					70. 20 0. 00 0. 00 0. 00 66. 84 0. 00 67. 72 60. 00 57. 23 88. 85 60. 13 60. 13 62. 98 62. 98	8.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0 - 0 - 0 0 0 0 - 0 6	60 60 60 60 60 60 60 60 60 60 60 60 60 6		120 40 40 40 40 40 40 40 40 40 40 40 40 40	53. 48	69. 19 0. 00 21. 74 0. 00	61.8 6.0 0.0
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The Teparak The Te		× × × × × × × × × × × × × × × × × × ×					6.00 6.13 6.01 6.01 24.90 62.98 52.08 6.00 6.00 6.00	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0000-00	60 60 60 60 60 60 60	× × × × × × × × ×	O. (16. 20	59, 77	18.
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Themoontok The Thomburi The Tompkung The Tom		× × × × × × × × × × × × × × × × × × ×					60.13 6.00 24.90 62.98 52.09 6.00 6.00	75. 2 0.0 31. 1 105. 0 65. 1 0.0 71. 0	2 - 2 5	60 40 60 40 60	× × × × × ×	140	70, 60	91.34	65. 2
TB Thomburi TT Tompkung TB Fangspotcheboon TT Fangspotcheboon TT Fangspotcheboon TT Tophoc TT Tophoc TT Tophoc TT Tophoc TT Tophoc TT Tangspotcheboon TT Tophoc TT Tangspotcheboon TT Tophoc TT Tangspotcheboon TT Tangspotcheboon TT Tangspotcheboon TT Tangspotcheboon TT Tangspotcheboon		× × × × × × × × × × × × × × × × × × ×					6:00 24:30 52:09 52:09 6:00 6:00	0.0 31.1 105.0 65.1 0.0 0.0	2 - 2 8	60 40 60 60 60	* * * * *	Đ		0.00	0
Th. Tongkung Th. Tongkung Th. Tongkung Th. Tangtborglang Th. Tangtborglang Th. Tangtborglang Th. Tangtborglang Th. Tangtborglang Th. Tangtborg		* * * * * * * * * * * * * * * * * * *					24. 90 62. 98 52. 09 0. 00 6. 00 0. 00	31.1 105.0 65.1 0.0 71.0 0.0	22 - 22 65	99 09 09	× × × ×	120	47.79	61.83	51.
TA Tongkung TB Fangpotchaboon TT Fangthonglang TC Fatlieb AT Yothee AT Yothee BE Bangkae BE Bangkae RI Bearing RI Bearing RI Bearing RI Bearing RI Bearing		× × × × × × × × × × × × × × × × × × ×					62.98 52.09 0.00 85.21 0.00	0.0 71.0 0.0 0.0	- 2 8	09	× × ×	8	12, 45	51.92	86
The Tongkung The Engpotchaboon The Tangthooglang The Tatiliob The Yothoo The Yothoo Be Bangkac		x x x x x x x					52. 09 0. 00 85. 21 0. 00	65.1 0.0 7.1.0 0.0 0.0	69 69	40	× ×	09	29.45	38. 10	53.
IB. Fangpotchaboon IT. Fangtbooglang II. Fallieb IV. Vothec BE Bangkac BE Bangkac BK Bangkac BK Bangkac BK Bangkac BK Bangkac		× × × × × × ×					0.00 85.21 0.00 0.00	0.0 71.0 0.0	CA 65	6 6	×	9		0.00	Ö
TI Fangpetcheboon TI Fangtborglang TI Fatlieb TT Yothee TT Yothee BE Bangkae		× × × × × × × × × × × × × × × × × × ×			•		85.21 0.00 0.00	71.0 0.0 0.0	677	09		90	11.40	53. 56	.19
TT Kangthonglang TC Fallieb YT Yothee YT Yothee BE Bangtac BE Bangton RI Bangton RI Bangton RI Bangton RI Bangton		× × × ×		××	7		0.00	0.0	60	09	×	0		0.00	0
TT Kangthongtang TT Tatleb TT Yothee TT Yothee BE Bangtac BZ Bangtac RZ Bangson RZ Bengson RZ Bengson RZ Bengson RZ Bengson		× × ×		×	0		0.00	0.0	:		×	180	69. 77	90. 27	50.
FL. Fatlieb TT Yothee BE Bangtac BZ Bingson RI Bearing ER Etanui ER Etanui	69-24 69-12 69-12 69-24	1 :	Ę			1					×	0		0.00	.0.
Fig. Fat lieb YT Yothee BE Bangtae BZ Bangtae R1 Bearing E1 Ekani IA Bearing	69-12		90	×	181		80.60	. J.	×	99	×	180	72.00	93, 15	51.
YT Yothoc BE Bangtac BZ Bangtac R] Bearing E] Etami EM Etami MA Bearing	69-24	ł	01	×	120	1	103. 52	86.3	3 ×	-10	×	120	66.82	85. 45	72. (
BE Bangtac BZ Bangson R] Bearing ER Etanni EB Etburi IM Businak	69-24	×	2	×	8	44.48	57. 65	72.1	× ~	\$	×	08	41.81	5.L. 09	67. 6
BE Bangtac BZ Bangson R1 Bearing R1 Bearing ER Ekanai		×	The second second second	×	0		0.00	0.0	×		×	c		0.00	0.0
R. Bearing	69-12	×		×			00.0	0.0	X		x	0		00.00	0.0
BZ Bangson R1 Bearing EN Ekawai EN Ekawai IA Banak	115-12		()	×	8	51.22	66.39	83.0	×	(<u>(</u>)	×	₽	22. 52	29. 11	72.8
BZ Banring RI Bearing ER Ekasai ER Ekburi IA Ikanak	115-24	×		×			0.00	0.0	×	60	×	60	30.21	39, 12	55.
R1 Boaring ER Ekanai EB Ekburi IA Ikanak	69-12	×	(40)	×	?	26.80	31.74	86.8	×		×	0		0.00	ਤੋਂ
KI Boaring EN Ekonai EB Ekburi IIA Insanak	69-24	×	90	×	9(28.64	37.12	5 19	×.	. 09	×	120	12, 80	55. 37	ij
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Ekbyri Higomak	12.01	× 2	60	×	2	20.00	13.67	01.4	× 2	94	×	120	63. 83	82. 10	. 89
Ekburi Numak	21-69		(40)	× :	9	21.67	28.09	70.2	×	6	×	0.	16.61	25.80	<u>.</u>
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· 一方	16-21	× >	2	K >	7	20.10	25.83	2 6	× >	7	x)	0,0	21. 32	27. 58	0.69
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-	69-12		(40)	×	10	23.70	30.72	76.8	× 1	(10)	×	01	21.11	31, 58	0.62
	69-24	×		×			0.00	0.0	×	- 1	×	0		00.00	0.0
98 KO Khotor	115-24	× 2	69	. x	120	51.08	66.21	55.2	× ε	0.9	×	180	74.51	96. 10	E
99 KI Kingkaew	115-24	- 2 ×		*	120	52.84	61 .89	57. 1	. × . 2	99	×	120	56. 79	73. 17	61.2

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55 B S S S S	12-69	21	×	×	0	100	0.00	0.0	×		×	0		00 50	
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116 YK Yenarkart	-69	89-12	2 × (40)	×	8	45.60	59,35	74.2	× 2	(46)	· ·	S '	44. 53 44. 53	57.81	
	-69	69-24	×	×	0		0.00	0 0	x		×	3		0.00	1
117 AB Bangbor	115	115-24	× . 60	×	39	16. 10	20.96	31.9	×	99	×	120	20.00	CF .52	
	69	69-12	×	×	0		0.00	0.0	×		×	c		0.00	
	115	115-12	1 × (40)	×	9	16.32	21.24	53.1	×	(10)	×	<u> </u>	13.00	16.87	
	511	115-24		×	•		0.00	0.0	×		×	٥		0.00	
110 KD Bunekrandee		69-12	. × (40)	×	40	12.10	15, 75	39.4	× 	(de)	×	9	11. 50	11.92	
		115.24			0		0.00	0.0	×		×	0		0.00	
TOG BP Boomsbon	=======================================	115.91			0.9	17. 18	22.36	37.3	×	9	×	80	17.82	23. 13	ŀ
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124 CK Chruklang	69	69.24	* · · ·	×	.09	16.00	20.83	31.7	x 7	0.9	× **	120	17.00	22. 05	
	2115	115-24	×	×	0		0.00	0.0	×	Y	×	-		0.00	
125 JW Jangwatana		115 24	29 ×	×	119	42.97	55.93	93.2	× 2	9	×	120	16, 36	50. 15	

1999 Capacity coincident non-coinci (WA) (WF)	120 52.82	13.21	56.31	11. 23	26. 10	•••		. •	0. 0. 25.55		0.00	40 23.05 29.87		31.36	44, 33	ch 17	61.58			33. 22	50.34	. ,		38.89	80 49.20 63.75	23.12		10 12.85 16.65		00 00 00 00 00 00 00 00 00 00 00 00 00	35.61		19.61	0.00		U. D. V. C.	
Bank configuration		× 60 × 2	2 × 60 × 2	× (01) × 1	09 ×	2 × (10)	×	×)	* * *	×	×	×	×	× ⊋ × ¬	× × × × × × ×	< x	ري × دو	× 2	1	×	×	× × (0+) · · × · · · · · · · · · · · · · · · ·	×	2 × 60 ×	Z ** (40)	2 × 60 ×		× (0) × 1	× >	× × 80 × ×	×	×	1 × (10)	×	×	(×	× 6
non-coinci utilization (WYA) factor (%)	. 00		and the same of		26.05 43.4	50.04 62.6		08.0				26.57 66.4	2		22.00 20.00	0.00	82.25 45.7			4		0.00 0.00			0.0			16.03 40.1								0 0 0 0	
1998 Capacity coincident (XYA) (XY)	120	120 48.28	120 54.14	40 15.79		80 38.59			10.71	0		40 20.49	-		06. 45. 051 06. 48. 061	-	180 63.44			60 26:17		80 35.20			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	120 22 23	,	40 12.36	40 61 0V		120 26.35		40 18.85	•	00-81-9		
Bank configuration	× 2		2 × 60 × 2	(40)	09 ×	2 × (40) × 2		× >	3 < x	x		(40)	99	6	> 19 > 6	e ×	×	2 × (40) ×		200 se	09 (2 × (40) × × ×	×	92 ×	× × × × × × ×	2 × 60 ×		× > (49)	× (40)		2 × 60 ×	×	1 × (40)		(40) ×		2
Yoltage (RY)	115-24	115-24	115-24	69-12	69-24	69-12	60-60	71-09	115-24	69-12	69-24	115-12	115-24	17.511	115-21	69-24	115-24	69-12	69-21	115-24	115-24	69-12 115-24	12-69	115-24	69-24	115:24	69-12	115-12	64-19	115-21	115:24	12 69	59-12	115 12	10.09	115.24	
Substation	Klongwahasawad	Lardkrabang	Yuangthong 3	Nonsee		Fradipat	Continuentin	-		Sunambinnam				Soranong South Brown for	1	T	1.	Surasak		Taiban		Thomburs row	Tungsonghong		Tenatrica II	Bangbor	Bang jak		Ranokradon		Bangshan	Bonnai	Dindacng		Phachai		
No.	100 KH	101 LB	102 K3	103 NS		£ 	10	· 1	. NI <u>1.3</u> 2.2	106 SS			5	2 20			()	M III	5.1	42		114 TK	115 TH	· .		TIT AB	118 JK		119 KD	200	120 BH		122		123 EC	100	

	22	Substation	Yol tage			2000					1		2001			· .;
				Bank - configuration	ration	Capacity	coincident	non-coinci	utilization factor (V)	Bank	configuration	<u>6</u>	Capacity (AVA)	coincident (VF)	non-coinci (VY)	factor (%)
141	1	Clonens bearing	115-21	09 × 6	×	120	-14.05	65.34		× 2	60	×	120	51.92	67.17	
1.0	2	1 ardkenbane	115-21	×	×	120	16.72	- 89. 58	50.5	2	. 60	×	120		63.71	
1		Kining thomas 3	115-21	×	×	120	58.00	75.18	62.7	× 2	60	×	120		78, 58	1
	1 1	Nonsee	69-12	Ĭ	×	01	95 11	11 98	37. 5	×		×	9		20 G	
			69-2-1		×	99	26.88	31.8	58.1	2	60	×	120	ŀ	62.1C	1
101	a.	Prudiput	69-12	2 × (40)	*	80	60.25	78.09	97.6	× >	9	× >	9 9	22.25	28.79	
			69-24	×	×			0.00	0.0	-	00				90	
105	<i>5</i>	Suinantip	69-12	×	×	9	9	00 T	2 6	< >	:	‹ >	081	89.99	5 C	
			69-2	60 × :	x >	DZ:	18.82	87 F	0.0	• 1.	00	₹ ×	0	1	0.00	
1	8	Control of the control	61.03	*	×			00.0	0.0			×	9		0. 00	١.
\$			7 03	×	: x			00.0	0.0	×		×	3		00.00	
		The second secon	115.19	(II)	×	-07	23, 75	30.78	77.0	1 4 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	×	3.		0.00	
			115.91	()	(×	? E	30.51	39.55	65.9	63	9	×	120	,	72.31	٠
15	Т	The state of the s	115.91		×	08	24.30	31.50	52, 5	-	9	×	09	25. 02	32, 37	1
		Suoramong	115 94	,	,	120	70.83	95 19	53.8	6	09	×	120		73: 07	
	Т	South Bangpier	113-64	76 × 7	< >	061	83 18	107.89	5 68		3	×	081		110.85	
a	1	Srician		X		091	00.00	00.0	0	,	1	×	0		0.00	
3	ž.	Sum I centre	72-72	63 × ×	K X	2	59.82	77.51	13.1	6.	9	×	081	56. 47	73.06	
19	311	Curaeak	F9-12	(×	×	8	47.75	61.89	77.4			×			00.00	
	2.07		69-24	×	×	0		0.00	0.0	×	99	×	12(31.90	15, 15	
=	Ł	Taiban	115-21	2 × 60	X	120	60.57	78.51	65.4	× 2	2	×	121		80.72	
Ξ		Sarcera (tana	115-24	2 × . 60	X	120	54.47	70.60	58.8	2	22	×	12(79.26	
3	Ή.	Thomburaroa	69-12	2 × (40)	×	08	41.82	54.21	67.8	× .	9	×	æ .		55.75	-
			115-24	×	×	0		0.00	0.0			×			0.00	
115	E	Tungsonghong	FZ-69	×	x	•		0.00	ö			×	- 6	1	00 0	
			115-24	×	×	120	40.05	51.91	(3.3	2	3	×	121	11.20	33.38	
91	X	Yenarkart	69-12	2 × (40)	x	8	50.64	65.64	82.	× ;		×	n co.	<u> </u>	00.00	
	_		.69-24	×	X	0		3.5	0 .	۰,	2 2		361		62 35	ĺ
	13	Sungbor	115-24	09 × 2	×	137	18.11	24.18	7.5		à		,		00.0	
=	. j	8ungjak	69-12	1	× ::	> •	F0 61		3 -	()	(#)	· >	OR		18.83	:
			21.011	(GE) ×	< ×	9	18 60	2.1 11	40.2	• - -	99	×	29	19, 16	24, 79	
Ē	5	Ronal rados	60.19		×	0		0.00	0.0	×	1	×			0.01)	
	(1)		115-21	S ×	×	120	22. 72	29.45	24. 5	2	09	×	121	35. 28	15.61	
2	ž	Remystern	115-24	×	×	120	36. 58	47.51	39. 6	2	09	×	121		18.88	
	1.	Remova	69-24		×	0		0.00	0.0	× 2	60	×	120		36, 73	
8	8	Dindstong	69-12	×	×	0		00.0	0.0	×		×			0.00	
		S. Carrier	115.12	(40)	×	-98	10, 20	52.11		×	(8)	×	**	15. 50	38.71	
			115-24	×	×	•		0.00	0.0			×	-		00.00	
122	33	Ekuchai	69-12	×	×	0		00.0	0.0			×	0		0.00	
		٠.	115-21)9 ×	×	99	17.00	22. 0.1	36. 7	×	09	×	12(21.35	31.50	
121	ß	Chouk lung	69-24	2 × 60	×	120	35.39	15.87	38.2	×	09	×	13		62.68	
	2 41		115-24	×	×	0		0.00	0.0	×		×			D. (10	
125	1	Euch Garanti	115.24	09 × 6	>	190	61 64	20			•		•	(1)		

Appendix 6.3-3 Load and installed Capacity of Distribution Substations (MEA Original Plan, Planning Year = 1997 - 2001)

٥	ABB Substation	Vol tage		1996	÷ .					1997			
1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		£	Bank configuration	CMS)	Connectdent (NE)	(XVA) 1	factor (V)	Deank Contriguration	Form	(AVA)	COLINCI DEBLE	(1/1/1)	factor (%)
		69-21	×	1		0.00	0.0	×	×	0		0.00	0.0
		115-24	×	0		0.00	0.0	×	×	0		0.00	0.0
127	KE Kaset	69-12	×	0		00.0	0.0	×	×	0		0.00	0.0
		69-24	×	0		0.00	0.0	×	×	0		0.00	0.0
_ 1	**	115-24	×	0		00.00	0.0	· 1 × 20	×	09	22.00	28.33	47. 6
129	KI Klongprapa	115-24	× 1 × 60	09	8. 24	10.73	17.9	. x 80	×	09	12.00	15. 57	26.0
130	MU. Witr-udom	69-12	40	90	26.15	34.05	85	0+ × 1	*	07	10.00	12.98	32.4
	1	69-24		0		0.00	0.0	X	×	0		0.00	0.0
	W. Yuangthong 4	115-24	×			0.00	0.0	1 × 60	×	09	28. 56	37.06	63.8
_ 1	N5 Yuangthong 5	115-24	×	0		0.00	0.0	×	×	0	2	0.00	0.0
	M6 Nuangthong 6	115-24	×	0		0.00	0.0	×	×	.0		0.00	0.0
_1	W7 Nuangthong 7	115-24	×	0		0.00	0.0	×	×	0		0.00	0°0
135		69-12	x	0		0.00	0.0	×	×	0		0.00	0.0
136	TA Patanakarn	115-24	×	0		0. DQ	0.0	X	×	0		0.00	0.0
137	PL Plubpla	115-24	×	0		0.00	0.0	×	×	0		0.00	0,0
138	PT Praves	115-24	X	0		00:00	0.0	×	×	0		0.00	0.0
139	RP Prospong	115-24	×	0		0.00	0 0	×	×	0		0.00	0.0
1.10	Sl Sainoi	115-24	×	0	er e e e e e e e e	0.00	0.0	×	×	0		0.00	0.0
101	YN Suavarn	115-12	×	0		0.00	0.0	(0t) × 1	×	01	20.00	25.95	61.9
		115-24	×	0		0.00	0.0	×	×	. 0		00.00	0.0
1/(2)	SII Satom	115-24	X X	0		0.00	0.0	×	×	0		0.00	0.0
11	IIP Shimplee	115-24	×	0		0.00	0.0	. 1×60	×	09	16.35	21. 22	35. 1
7	Sw Sriwiang	89-13	×	0	3 -	00.00	0.0	×	×	0		0.00	0.0
	- 1	69-24	×	0		0.00	0.0	×	×	0		00.0	0.0
115		115-24	x	0		0.00	0.0	×	×	0 .		0.00	0.0
	W Suvintavong	115-24	x	0		0.00	0.0	×	×	0		0.00	0.0
Z	Ti Tha-kvian	69-12		0		00.00	0.0	×	×	0		0.00	0.0
- 1		2-69				00 0	0.0	×	×	0		0.00	0.0
2	TC Trokchan	115-12		0		0.00	0	(0F). × 15	×	0	8.00	7. 79	6 6 6 6 6
1 40	TV Tubero	113.54	×××	= 0		0.00	5 6	× >	×	0 0	20 61	0.00	0.0
L:	17	9, 09				00.00	3 6	2	;	00	00 61	0 0	1 07
	47.7	24 - 69 - 24	< ×	3		00.0		⊋ × ×	× ×	2	00 .21	- 00 U	5 C
151	WR Futtakarl	69-12	×	0		0.00	0.0	×	×	0		0.00	0.0
₽e 10 10 10		69-2:1	×	0	er 1	0:00	0.0	×	×	0		0.00	0.0
[Ak Asoke	115 24	**************************************	0		00.0	0.0	×	×	0		0, 00	0.0
	-01	115.24	×	9		0.00	0.0	×	×	0		0.00	0.0
	IS Banghuasac	115.24	X	0		0.00	0.0	×	, ×	. 0		0.00	0.0
- 4	8% Bungkaew	1/2-5/1	×	0		0.00	0.0	×	×	0		0.00	0.0
- 4	PY Panyploevai	115:24	X X	0		00.0-	0.0	×	×	0		00.0	0.0
	TD Bungtalard	115-21	***	0		0.00	0.0	×	×	0		0, 00	0.0
- 1		115-23	The second secon	0		0.00	0.0	×	×	. 0		00.00	0.0
	KB Klongbungpi	115-24	The second section of the second section of the second section of the second section s	0	The second second	00.00	0.0	×	×	0		0.00	0.0
	7.	115.21	×	0	1	0.00	0.0	×	×	0		0.00	0.0
		115-24	×	0		0.00	0.0	×	×	0		0.00	0.0
] [83]	KR Krungtepkreeta	115-21-	X and A market and the second state of X and the second se	0		00:00	0.0	×	×	0		0.00	0.0

15-24 X 15-24 X 15-24 X 15-24 X 15-24 X X X X X X X X X	Conincident mor-co (MY) (MY) 16.77 26.19 33.12 12.36 60.00	A)	8 2 - 1 2 6	(AT)	(W) (W	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
15-21	0 0 12.26 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		× × × × × × × × × × × × × × × × × × ×		18. 69 11. 41 19. 11 12. 85 59. 10 57. 00	0.00 0.00 63.09 51.58 21.80 0.00
KG. kaset 115-24 × KG. Llongkus 115-24 × × KG. Llongkus 115-24 1 × × KG. Llongkus 115-24 1 × 60 × KG. Kirchus 115-24 1 × 60 × KI. Kinggrapo 69-12 1 × 60 × KI. Kinggrapo 115-24 × 60 × Ki. Mangthong 6 115-24 × 60 × Ki. Mangthong 7 115-24 × × Ki. Mangthong 7 115-24 × × Ki. Mangthong 7 115-24 × × Ki. Mangthong 8 115-24 × × Ki. Mangthong 9 115-24 × × Ki. Mangthong 9 115-24 × × Ki. Mangthong 9 115-24 × × Ki. Mangthong 115-24 × × × Ki. Sainoi 115-24 ×	16.77 33.12 33.12 12.36 60.00		× × × × × × × × × × × × × × × × × × ×		18.69 11.44 19.11 12.85 59.10 57.00	0.00 63.09 57.58 21.80 0.00
K. Kaset K. Kaset K.	16. 77 26. 19 33.12 12. 36 60. 00		× × × × × × × × × × × × × × × × × × ×		18,69 11,44 19,11 12,85 59,10 57,00	63.09 51.58 21.80 16.65
KG. Klongkus 115-24 T.X. 60 X KC. Klongkus 115-24 X 60 X KL. Klongkrage 115-24 X 60 X M. Mangthong 115-24 X 60 X M. Prangthong 115-24 X 60 X M. Prangthong 115-24 X (40) X M. Sainon 115-24 X (40) X M. Sainon 115-24 X <	56.19 33.12 16.18 12.36 50.00		× × × × × × × × × × × × × × × × × × ×		18.69 11.11 12.85 12.10 59.10	53, 09 57, 58 21, 80 16, 65 0, 00
	33.12 16.18 12.36 60.00		× × × × × × × × × × × × × × × × × × ×		11.44 12.85 12.85 59.10 57.00	21.80 16.65 0.00
NL. Klongerage HS-21 T.X. 60 X NR. Vittr-udos 69-12 1.X. 40 X N. Wangthong 4 HS-24 X 60 X N. Wangthong 5 HS-24 X 60 X N. Wangthong 6 HS-24 X X X N. Wangthong 7 HS-24 X X X N. Wangthong 6 HS-24 X X X N. Wangthong 7 HS-24 X X X N. Wangthong 6 HS-24 X X X N. Wangthong 7 HS-24 X X X Property HS-24 X X X Property HS-24 X X X Property HS-24 X X X NS anyan HS-24 X X X Shisolog HS-24 X X X NS anyan HS-24 X X X	10.36 50.00 12.26		× × × × × × × × × × × × × × × × × × ×		12. 85 12. 85 59. 10 57. 00	16. 65 0. 00
W. Wittendon 69-12 X X X X X X X X X	60.00 60.00		× × × × × × × × × × × × × × × × × × ×		12. 85 59. 10 57. 00	16. 65 0. 00
Mangthong 115-24 X X X X X X X X X	60.90		× × × × × × × × × × × × × × × × × × ×		59. 10 57. 00	W 10
Miles Mile	12.26		× × × × × × × × × × × × × × × × × × ×		57.00	76.97
NG Numerthong 5 25 25 X X NG Name 115-24 X X X NL Assing thong 69-12 X X PL Plubpla 115-24 X 60 X PL Plubpla 115-24 X X X Prospeng 115-24 X X X Prospeng 115-24 X X X SI Sainon 115-24 X X TI Danish B9-12 X X TI Toke X X X Ti X X </td <td>12.26</td> <td></td> <td>××××××××××××××××××××××××××××××××××××××</td> <td></td> <td>À</td> <td>73.88</td>	12.26		××××××××××××××××××××××××××××××××××××××		À	73.88
Vit Vanightong Vit V	12.26		× × × × × × ×			0.00
N. Naniguray 115-24	12.26		× × × × × ×			0.00
Properties	12.26		× × × × × ×	79		0.00
Property 115-24 X X X X X X X X X			× × × × ×	X	14. 36	18.61
Prayes 115-24 X X X X X X X X X			× × ×	×		0.00
Sainoi 115-24	and the second of the second o		x x x	×		0: 00
Simple	the state of the s	0.00 0.0	x x	×		0.00
Sale			* 4	×	0	0.00
Saltorn 115-24	25.00			×	10.01	51, 92
Shi Sationar 115-24 X X X X X X X X X			×	×		0.00
Shingblee 115-24 1 1 1 1 1 1 1 1 1			×	×		0.00
ST Scriviang 69-12 2 X Y1 Sanyari 115-24 X X Y1 Sarintuscong 115-24 2 X 60 X T1 Tha-kwian 69-12 2 X (40) X T2 Trokchur 115-24 X X X T7 Tubyao 115-24 X 40 X T7 Tubyao 115-24 X 40 X T7 Tubyao 69-24 X X T8 Futtasapaena 69-24 X X T8 Futtasart 69-24 X X T8 Bangbactora 115-24 X X Bf Bangbactora 115-24 X X Bf Bangbactora 115-24 X X	22.00		×	×	22.88	29.65
Yelloward 89-24 X X X X X X X X X	20.00	25. 93 32. 4	2 × (10)	٠ *	23.00	29.80
The Summan 115-24 2 X X X X X X X X X				×		0.00
The levient belong 115-24 2 × 60			×	×	00.01	0.00
The living 199-12 2 X (40)	10:00	12.97 10.8	×	× ×	M 21	10, 00
TQ. Trokchar. 115-12	80 20.72	33.6	(d) × 2 × × ×	× ×	35.11	0.00
115-24			6	×	32.72	12, 10
TY Tubyano 115-24 1 × 60 × 1 × 115-24 1 × 40 × 1 × 40 × 1 × 40 × 1 × 40 × 1 × 40 × 1 × 40 × 1 × 40 × 1 × 40 × 1 × 40 × 1 × 40 × 1 × 40 × 1 × 40 × 1 × 40 × 1 × 40 × 1 × 40 × 1 × 40 × 40		0.00	×	×		0.00
Watkanpaeny 69-12 X 40 X	90 :51 90		1 × 60	×	17. 00	22. 03
	16.32	21. 16 52. 9	0: × -	×	20.97	27. 17
Fig. Fut takart 68-12 × × AK. Asake 115-24 × × BT. Bangbactony 115-24 × × BS. Bangbactony 115-24 × × BS. Bangbactony 115-24 × × BS. Bangbactony 115-24 × ×	10 10 10 10 10 10 10 10 10 10 10 10 10 1		×	×	0	9, 00
Marke 115-24 X		0.00 0.0		×		0.00
Mx Asake 115-24 X				×	0	0.00
	0			×		0.00
ilis in Rangkace 115-24 x x x x x x x x x x x x x x x x x x x	0			×		0.00
Bir Rangkacer - 115.21				×	0	0.00
	0			×	0	0.00
1561 W Bungpiceya) [115-24 ×	0	0.00 0.0	×	×	0	6, 66
TD	0	0.00 0.0	×	×	0	0.00
3B Jorakabao	0	0.00 0.0		×	0	00.00
Klongbangpi Klongbangpi	And the second second second second		×	×	0	0.00
11		0.00 0.0	×	×	0	0, 00
ċ		0.00	×	×	0	0.03

Appendix 6.3-3 Load and installed Capacity of Distribution Substations (NEA Original Plan, Planning Year = 1997 - 2001)

十															
3	ARB Substation	foltage	One of the second		2000	مصرتهم فممارتهم	1	utilization	Rank	Rank configuration					and in the
		(<u>E</u>)	The court of the c	5			. : [factor (%)				(WA)	(47)	(4VA)	factor (%)
		69-24	×	×			0.00	0.0	2 ×	9	×	120	23. 16	29. 96	25.0
		115-24	×	×	0		00.00	0.0	×		×	0		0, 00	0.0
127	KE Kaset	89-12	×	×	0		0.00	0.0	×		×	0		0.00	0.0
		69-24	. 2 × 60	×	120	50. 14	6-1-9	54.2	× 2	90	×	120	51.65	66. 82	55. 7
128	KG - Klongkum	115-24		: : ×	120	45. 78	59.31	19.5	2 ×	90	×	120	47, 15	51.00	50.8
124		113-21	09 × 1	×	.09	19:71	25. 55	42. 6	× 2	60	×	120	32, 30	11, 79	31.8
130	Milr-udom	69-12	1 × 40	×	· · · · · · · · · · · · · · · · · · ·	13. 16	17,45	43.6	×	40	×	10	13.86	17. 93	8.1.1
		69-24	×	X	0		0.00	0.0	×		×	0		0.00	0.0
	N4 Vuangthong 4	115-24	2 × 60	×	120	55.82	72.35	60.3	× ~	90	×	120	59.50	75.98	61.2
	N5 Nunngthong 5	115-24		x	120	61.35	79. 52	66.3	× 2	90	×	120	59.19	76, 58	63.8
- 7	7	115-24	2 × 60	×	120	60. 72	78. 70	65. 6		90	×	120	59.51	77. 03	61.2
	N7 Nunngthong 7	115-24	×	×	0:		0.00	0.0	×	26	×	120	71 36	92.32	76.9
135	NE Nanglerng	69-12	×	×	0		0.00	0.0	×	; 2	×	80	44, 19	57, 17	71.5
136	TA Patanakarn	115-24	99 ×	×	09	18. 25	23.66	39. 1	× 2	99	×	120	31.80	15.02	37. 5
137	PL Piubpla	115-21	×	×	2. 0		0.00	0.0	× 2	09	×	120	31 51	11, 69	37. 2
138	PV Praves	115-24	2 × 60	×	120	32.63	42.29	35.3	×	. 60	×	120	(3.6)	56, 12	17.0
139	XP Prompong	115-24	5 × 60	· · · ×	120	34, 71	44.99	37. 5	×	99	×	120	35. 75	46, 25	38. 5
[0#1	Sl Sainoi	115-24	X	×			0.00	0.0	× 2	60	×	120	22, 36	28.93	21.1
171	YN Saayarn	115-12	(OF) × 2	x	08	11, 57	53.88	67. 1	2	(10)	×	80	53.12	68.73	85.9
		115-24	×	×	0		0.00	0.0	×		×	0		0.00	0.0
142	SH Sutorn	115-21	×	×			00.0	0.0	. ×	90	×	120	30.36	39. 28	32.7
173		115-21	2 × 60	×	021	48, 92	63.41	52.8	× 2	90	×	120	35.34	71.86	59. 9
**	ST Sriviang	21-69	2 × (40)	×	88	25.00	32.40	10.5	× ~	(40)	x .	80	34.88	45. 13	56.4
		12-69	×	×	0		0.00	0.0	×		×	0	ļ	0.00	0.0
22	Yl Suumai	115-24	×	×	. 0		0.00	0.0	×	60	×	120	21.36	27. 64	23.0
=	TY Surintasong	115-24	09 × 2	×	120	14.00	18. 15	15.1	2 ×	0.9	×	120	16, 36	21.17	17.6
Ì	Tl. Thankwian	21-69	2 × (40)	×	80	37.81	49.01	61.3	×	(×	8	38. 95	30.39	63.0
		1.2.69	×	×	0		00.0	0.0	×		×			00.00	0.0
*	TC Trokchan	115-12	2 × (40)	×	& '	33.70	13.68	 	× ~	()	×	80	31. 12	11.92	56. 2
1		12-51		×			05	9.0	×		×	0		9,00	0.0
* I	- 1	115-24		×	09	20.00	25. 92	13.21	× 2	99	×	120	30, 36	39, 28	32. 7
<u>S</u>	TK Fatkampaeng	2 - 5	07 × 1	×	9	21.60	28.00	20.0	× >	9	× ::	0		0.00	0 0
152	FR Tultakart	69-12	(0F) × 1	×	, QF	17.00	22. 0.1	25.5	×	00	×	0	57-1-6	00 0	0.0
	310	69.2/	ij.	×	<u> </u>	15.35	19. 90	33.2	×	60	:. *	120	33, 32	: <u>-</u>	6.55
152	AK Asoke	115-24	×	×	0		0.00	0.0	×		×	0		00.0	0.0
153	BT Bangbuotong	115:24	* * * * * * * * * * * * * * * * * * *	×	0		0.00	o.ol	×		×	0		0, 00	0.0
151	IS Banghunsac	115-21	×	×	0		0.40	0.0	×		×	0		0, 00	0.0
155	BF Rungkaew	115-24	**************************************	×	0		0.00	0.0	×		×	0		00.00	0.0
156	PY Bumpplecyai	115-24	×	×	0		0.00	0.0	×		×	0		0.00	0.0
12.1	TO Bangtalard	115-21	×	×	. 0		0.00	0.0	×		×	0		0.00	0.0
128	JB Jorakabun	115-24	×	×	0		0.00	0.0	×		×	0		00.00	0.0
159	NB Klongbangpi	115-24	St. Commercial X	×	0		0.00	0.0	×		×	0		0.00	0.0
160	LA Klongnu	115-24	×	×	0		00.0	0.0	×	100	×	0		0.00	0.0
	GP Klongpune	115-24	×	×	0		0.00	0.0	×		×	0		00.00	0.0
193		115-21	×	×	0.		0.00	0.0	×		×	0		0. 00	0.0

	utilization factor (N)	9	0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0 0	0 0	9 0		0 0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0		7	37	:	-							
	non-coinci (WY)	0.00	00.00	00 '0	n. 60	0,00	0.00	0.00	0.00	00.00	0.00	0.00	00.0	00.0	00 0	0 0	0.00	0.00	0.00	0, 00	0.00	0.00	00.00	0.00	00.00	0.00	00 00	00.00	00.00	16, 170	7, 156, 16		*, *	1.1809	0.9100			282	-	
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Appendix 6.3-3 Load and Installed Capacity of Distribution Substations (MEA Original Plan, Planning Year = 1997 - 2001)

% May Subtained by Table (1988) Voltage (1988) Associated of the configuration	% 18 Secuention Following the control of the control	ŀ	ŀ		1										
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