

ANNEX 7-3 CONSTRUCTION COST OF SUBSTATION REMOTE TERMINAL UNIT

(Unit: 1,000 US\$)

Region	RTU		Transduser (A, P, Q)		Transduser (V)		Total		
	No. of S/S	C.F.	No. of cct	F.C.	No. of Bank	F.C.	F.C.	L.C.	
								Duties	Others
N1	12	425	59	114	19	6	545	283	12
N2	12	425	58	112	20	6	543	282	11
N3	12	425	60	116	16	5	546	284	12
NE1	14	496	68	131	20	6	633	329	13
NE2	10	354	47	91	19	6	451	235	10
NE3	10	354	64	124	18	5	483	251	10
C1	19	673	115	222	31	9	904	470	19
C2	14	496	90	174	26	8	678	353	14
C3	12	425	86	166	24	7	598	311	13
S1	12	425	48	93	15	5	523	272	11
S2	12	425	45	87	16	5	517	269	11
S3	11	390	54	104	16	5	499	259	11
Total	150	5,313	794	1,534	240	73	6,920	3,598	147

ANNEX 7-4-1 CONSTRUCTION COST OF FEEDER REMOTE TERMINAL UNIT (CASE 1)

(Unit: 1,000 US\$)

Region	Sectionalizer & FRU			Transformer			Recloser Accessory & FRU			Total		
	No. of Units	F.C.	L.C.	No. of Units	F.C.	L.C.	No. of Units	F.C.	L.C.	F.C.	L.C.	
											Duties	Others
N1	57	803	7	87	0	33	34	181	10	984	512	50
N2	44	620	6	59	0	23	37	197	11	817	425	40
N3	51	719	6	72	0	28	33	175	10	894	465	44
NE1	45	634	6	60	0	23	72	383	21	1,017	529	50
NE2	23	324	3	32	0	12	59	314	17	638	332	32
NE3	45	634	6	57	0	22	42	223	12	857	446	40
C1	123	1,734	16	177	0	68	22	117	6	1,851	963	90
C2	85	1,198	11	109	0	42	24	128	7	1,326	690	60
C3	95	1,339	12	143	0	55	19	101	6	1,440	749	73
S1	43	606	5	64	0	25	26	138	8	744	387	38
S2	35	493	4	47	0	18	22	117	6	610	317	28
S3	45	634	6	54	0	21	30	160	9	794	413	36
Total	691	9,738	88	961	0	370	420	2,234	123	11,972	6,228	581

ANNEX 7-4-2 CONSTRUCTION COST OF FEEDER REMOTE TERMINAL UNIT (CASE 2)

(Unit: 1,000 US\$)

Region	Sectionalizer & FRU			Transformer			Recloser Accessory & FRU			Total		
	No. of Units	F.C.	L.C.	No. of Units	F.C.	L.C.	No. of Units	F.C.	L.C.	L.C.		
										Duties	Others	
N1	77	1,085	10	127	0	49	34	181	10	1,266	658	69
N2	54	761	7	79	0	30	37	197	11	958	498	48
N3	65	916	8	100	0	39	33	175	10	1,091	567	57
NE1	55	775	7	80	0	31	72	383	21	1,158	602	59
NE2	29	409	4	44	0	17	59	314	17	723	376	38
NE3	53	747	7	73	0	28	42	223	12	970	504	47
C1	159	2,241	20	249	0	96	22	117	6	2,358	1,226	122
C2	101	1,424	13	141	0	54	24	128	7	1,552	807	74
C3	127	1,790	16	207	0	80	19	101	6	1,891	983	102
S1	57	803	7	92	0	35	26	138	8	941	489	50
S2	43	606	5	63	0	24	22	117	6	723	376	35
S3	51	719	6	66	0	25	30	160	9	879	457	40
Total	871	12,276	110	1,321	0	508	420	2,234	123	14,510	7,543	741

ANNEX 7-4-3 CONSTRUCTION COST OF FEEDER REMOTE TERMINAL UNIT (CASE 3)

(Unit: 1,000 US\$)

Region	Sectionalizer & FRU			Transformer			Recloser Accessory & FRU			Total			
	No. of Units	F.C.	L.C.	No. of Units	F.C.	L.C.	No. of Units	F.C.	L.C.	F.C.	L.C.	L.C.	
												Duties	Others
N1	108	1,522	14	158	0	61	34	181	10	1,703	886	85	
N2	96	1,353	12	121	0	47	37	197	11	1,550	806	70	
N3	102	1,438	13	137	0	53	33	175	10	1,613	839	76	
NE1	96	1,353	12	121	0	47	72	383	21	1,736	903	80	
NE2	59	832	7	74	0	28	59	314	17	1,146	596	52	
NE3	97	1,367	12	117	0	45	42	223	12	1,590	827	69	
C1	234	3,298	30	324	0	125	22	117	6	3,415	1,776	161	
C2	174	2,453	22	214	0	82	24	128	7	2,581	1,342	111	
C3	179	2,523	23	259	0	100	19	101	6	2,624	1,364	129	
S1	87	1,226	11	122	0	47	26	138	8	1,364	709	66	
S2	75	1,057	10	95	0	37	22	117	6	1,174	610	53	
S3	93	1,311	12	108	0	42	30	160	9	1,471	765	63	
Total	1,400	19,733	178	1,850	0	714	420	2,234	123	21,967	11,423	1,015	

ANNEX 7-5-1 CONSTRUCTION COST OF DATA TRANSMISSION SYSTEM (CASE 1)

(Unit: 1,000 US\$)

Region	Center Station			Repeater Station			Substation Remote Terminal Station			Recloser Remote Terminal Station			Sectionalizer Remote Terminal Station			Total		
	No. of St.	F.C.	L.C.	No. of St.	F.C.	L.C.	No. of St.	F.C.	L.C.	No. of St.	F.C.	L.C.	No. of St.	F.C.	L.C.	F.C.	L.C.	
																	Durries	Others
N1	1	49	1	2	301	9	12	366	5	34	253	17	57	424	29	1,393	418	61
N2	1	133	5	3	428	37	12	366	5	37	275	19	44	327	22	1,529	359	88
N3	1	84	4	2	301	57	12	366	5	33	245	17	51	379	26	1,375	413	109
NE1	1	133	5	3	428	62	14	427	5	72	535	36	45	334	23	1,857	557	131
NE2	1	84	4	2	301	57	10	305	4	59	438	30	23	171	12	1,299	390	107
NE3	1	133	5	2	252	33	10	305	4	42	312	21	45	334	23	1,336	401	86
C1	1	49	1	1	126	4	19	580	7	22	163	11	123	914	62	1,832	550	85
C2	1	84	4	1	126	29	14	427	5	24	178	12	85	632	43	1,447	434	93
C3	1	84	4	1	126	29	12	366	5	19	141	10	95	706	48	1,423	427	96
S1	2	168	8	3	393	37	12	366	5	26	193	13	43	320	22	1,440	432	85
S2	1	84	4	2	301	33	12	366	5	22	163	11	35	260	18	1,174	352	71
S3	1	49	1	2	301	9	11	336	4	30	223	15	45	334	23	1,243	373	52
Total	13	1,134	46	24	3,384	396	150	4,576	59	420	3,119	212	691	5,135	351	17,348	5,206	1,064

ANNEX 7-5-2 CONSTRUCTION COST OF DATA TRANSMISSION SYSTEM (CASE 2)

(Unit: 1,000 US\$)

Region	Center Station			Repeater Station			Substation Remote Terminal Station			Recloser Remote Terminal Station			Sectionalizer Remote Terminal Station			Total		
	No. of ST.	F.C.	L.C.	No. of ST.	F.C.	L.C.	No. of ST.	F.C.	L.C.	No. of ST.	F.C.	L.C.	No. of ST.	F.C.	L.C.	F.C.	L.C.	
																	Duties	Others
N1	1	49	1	2	301	9	12	366	5	34	253	17	77	572	39	1,541	462	71
N2	1	133	5	3	428	37	12	366	5	37	275	19	54	401	27	1,603	481	93
N3	1	84	4	2	301	57	12	366	5	33	245	17	65	483	33	1,479	444	116
NE1	1	133	5	3	428	62	14	427	5	72	535	36	55	409	28	1,932	580	136
NE2	1	84	4	2	301	57	10	305	4	59	438	30	29	215	15	1,343	403	110
NE3	1	133	5	2	252	33	10	305	4	42	312	21	53	394	27	1,396	419	90
C1	1	49	1	1	126	4	19	580	7	22	163	11	159	1,182	80	2,100	630	103
C2	1	84	4	1	126	29	14	427	5	24	178	12	101	751	51	1,566	470	101
C3	1	84	4	1	126	29	12	366	5	19	141	10	127	944	64	1,661	498	112
S1	2	168	8	3	393	37	12	366	5	26	193	13	57	424	29	1,544	463	92
S2	1	84	4	2	301	33	12	366	5	22	163	11	43	320	22	1,234	370	75
S3	1	49	1	2	301	9	11	336	4	30	223	15	51	379	26	1,288	386	55
Total	13	1,134	46	24	3,384	396	150	4,576	59	420	3,119	212	871	6,474	441	18,687	5,606	1,154

ANNEX 7-5-3 CONSTRUCTION COST OF DATA TRANSMISSION SYSTEM (CASE 3)

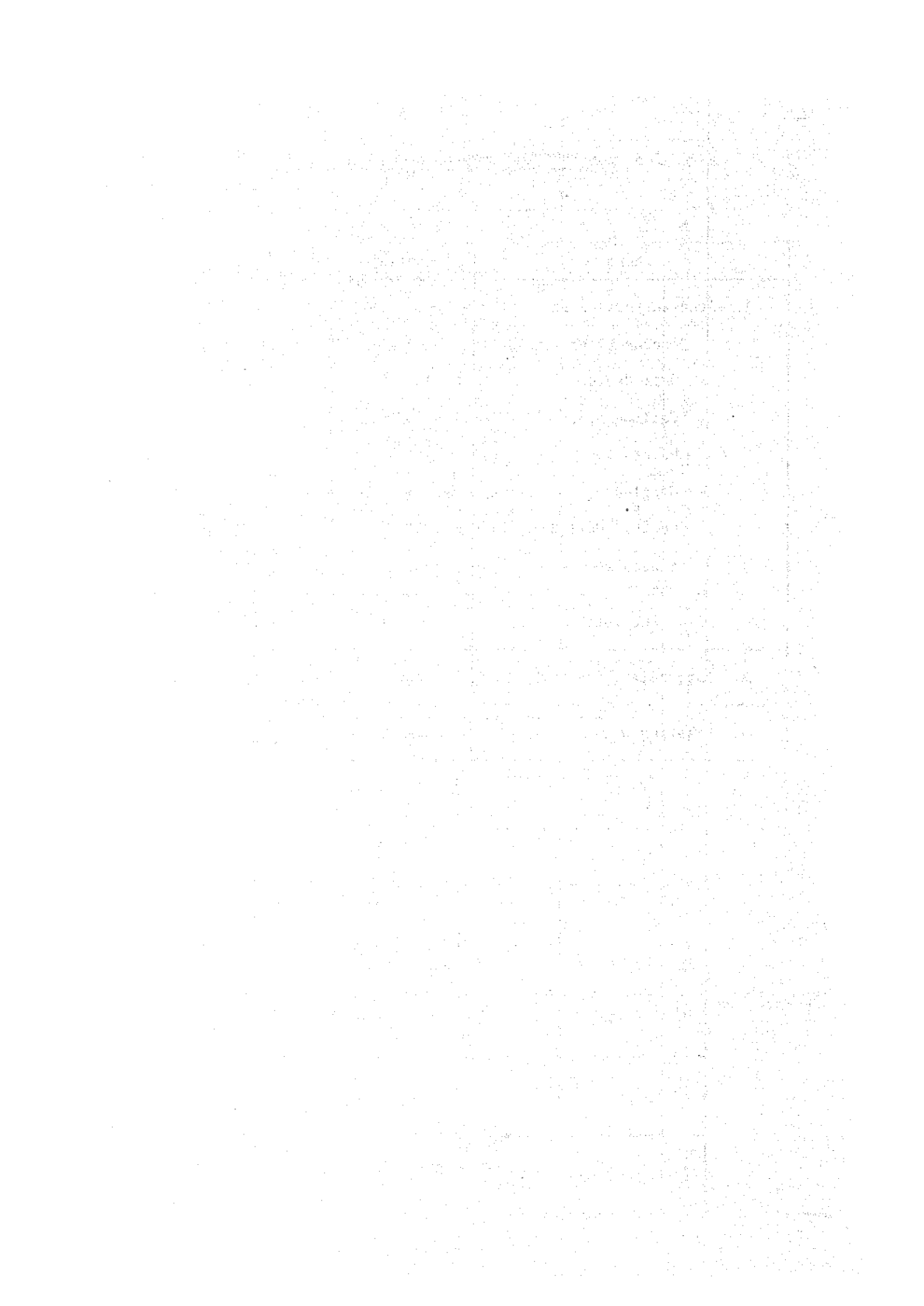
(Unit: 1,000 US\$)

Region	Center Station			Repeater Station			Substation Remote Terminal Station			Recloser Remote Terminal Station			Sectionalizer Remote Terminal Station			Total		
	No. of ST.	F.C.	L.C.	No. of ST.	F.C.	L.C.	No. of ST.	F.C.	L.C.	No. of ST.	F.C.	L.C.	No. of ST.	F.C.	L.C.	Total		
																Duties	Others	
N1	1	49	1	2	301	9	12	366	5	34	253	17	108	803	54	1,772	532	86
N2	1	133	5	3	428	37	12	366	5	37	275	19	96	713	48	1,915	575	114
N3	1	84	4	2	301	57	12	366	5	33	245	17	102	758	51	1,754	526	134
NE1	1	133	5	3	428	62	14	427	5	72	535	36	96	713	48	2,236	671	156
NE2	1	84	4	2	301	57	10	305	4	59	438	30	59	438	30	1,566	470	125
NE3	1	133	5	2	252	33	10	305	4	42	312	21	97	721	49	1,723	517	112
C1	1	49	1	1	126	4	19	580	7	22	163	11	234	1,739	117	2,657	797	140
C2	1	84	4	1	126	29	14	427	5	24	178	12	174	1,293	87	2,108	632	137
C3	1	84	4	1	126	29	12	366	5	19	141	10	179	1,330	90	2,047	614	138
S1	2	168	8	3	393	37	12	366	5	26	193	13	87	646	44	1,766	530	107
S2	1	84	4	2	301	33	12	366	5	22	163	11	75	557	38	1,471	441	91
S3	1	49	1	2	301	9	11	336	4	30	223	15	93	691	47	1,600	480	76
Total	13	1,134	46	24	3,384	396	150	4,576	59	420	3,119	212	1,400	10,402	703	22,615	5,785	1,416

ANNEX 7-6 CONSTRUCTION COST OF ARCHITECTURAL WORK

Items	Quantity	L.C. (1,000 US\$)
<b>1. Architectural Work</b>		
Access Floor	155 M <sup>2</sup>	46
Wall Board	160 M <sup>2</sup>	2
Ceiling Board	175 M <sup>2</sup>	2
Paint	165 M <sup>2</sup>	1
Steel Door	8 M <sup>2</sup>	2
Curtain Wall Base	2.0 M <sup>3</sup>	1
Steel Members	1.5 t	3
Sub-Total		57
<b>2. Airconditioning Work</b>	L.S.	59
<b>3. Lighting Work</b>	L.S.	28
<b>Total</b>		144





ANNEX 9-1-1 DECREMENTAL INTERRUPTION ENERGY ( TOTAL ) CASE 1

(CASE 1)

REGION	1985			1986			1987			1988			1989			1990			1991			1992		
	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)
N1				1,370.0	38.2	523.4	1,450.9	37.6	545.4	1,505.7	37.6	565.6	1,584.5	37.6	595.8	1,658.0	37.7	624.5	1,733.7	37.7	654.9	1,807.7	37.8	684.8
N2				1,527.8	28.7	437.9	1,612.4	28.6	461.4	1,675.4	28.6	478.8	1,728.1	28.5	493.3	1,774.1	30.0	532.1	1,803.3	29.9	540.4	1,836.2	29.9	549.8
N3				1,307.6	30.7	401.1	1,376.6	30.7	422.4	1,412.3	30.4	428.8	1,439.5	34.6	497.4	1,466.8	34.5	506.3	1,484.3	35.5	527.0	1,501.3	35.4	532.5
NE1				4,541.4	29.1	1,320.7	4,732.6	32.7	1,545.3	4,890.7	32.6	1,595.7	5,053.5	32.6	1,646.6	5,165.3	33.3	1,718.0	5,262.6	33.2	1,748.4	5,337.3	33.1	1,771.4
NE2				1,607.8	29.4	472.2	1,709.5	29.6	505.4	1,804.4	30.0	541.7	1,883.2	30.1	566.2	1,953.9	30.1	588.3	2,022.6	30.1	609.7	2,079.5	30.1	627.6
NE3				1,357.4	31.8	431.9	1,417.8	31.8	450.3	1,453.7	31.7	460.8	1,482.2	31.6	469.0	1,503.6	31.6	475.0	1,517.1	31.5	478.5	1,524.0	31.4	480.0
C1				3,305.4	37.3	1,232.7	3,606.8	37.5	1,353.0	4,208.7	38.2	1,608.7	4,244.6	38.2	1,620.9	4,211.2	38.9	1,636.7	4,163.2	38.8	1,616.5	4,127.4	38.8	1,602.1
C2				2,023.0	33.2	672.5	2,224.1	33.3	741.5	2,360.7	32.7	773.1	3,009.6	34.4	1,034.0	3,045.6	33.9	1,031.3	3,098.3	33.3	1,033.2	3,105.2	33.2	1,032.3
C3				2,552.5	39.2	1,001.2	2,670.2	38.7	1,033.2	2,754.4	38.7	1,064.9	2,835.8	38.3	1,085.3	2,902.0	38.3	1,110.3	2,973.3	38.2	1,137.4	3,026.8	38.6	1,170.6
S1				2,824.6	32.1	907.8	2,975.2	32.1	955.5	3,358.2	32.5	1,091.5	3,456.1	32.5	1,122.7	3,543.3	33.6	1,190.0	3,624.4	36.4	1,321.2	3,700.6	36.4	1,349.3
S2				3,533.7	28.1	993.4	3,689.2	28.1	1,036.6	3,836.0	28.0	1,075.4	3,949.9	31.6	1,247.7	4,040.6	31.5	1,273.7	4,115.8	31.2	1,285.0	4,195.6	31.1	1,307.8
S3				4,049.7	32.4	1,310.8	4,406.7	31.7	1,395.0	4,630.7	31.6	1,465.1	4,932.4	31.4	1,550.9	5,224.5	31.3	1,634.5	5,466.5	31.1	1,703.7	5,601.3	31.1	1,747.1
TOTAL				30,001.0	32.4	9,705.5	31,871.8	32.8	10,444.8	33,892.8	32.9	11,150.1	35,599.4	33.5	11,929.7	36,489.1	33.8	12,320.8	37,265.2	33.9	12,656.5	37,843.6	33.9	12,855.8

REGION	1993			1994			1995			1996			1997			1998			1999			2000		
	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)
N1	1,879.5	38.0	713.7	1,930.6	38.0	734.6	1,971.8	38.1	751.7	2,020.4	38.1	770.2	2,065.7	38.1	787.4	2,112.5	38.1	805.3	2,165.3	38.1	825.4	2,214.7	38.1	844.2
N2	1,861.5	29.9	557.0	1,873.8	30.2	565.7	1,881.2	30.2	567.5	1,883.3	30.2	568.1	1,893.7	30.2	571.2	1,896.0	30.2	571.9	1,908.9	30.1	575.7	1,913.7	30.1	577.2
N3	1,503.4	35.4	532.7	1,510.6	35.4	534.9	1,504.7	35.4	532.4	1,503.8	35.4	532.1	1,499.2	35.4	530.5	1,498.9	35.4	530.3	1,494.7	35.3	528.8	1,487.3	35.3	526.2
NE1	5,359.3	33.2	1,776.6	5,396.2	33.1	1,786.9	5,387.0	33.1	1,781.8	5,385.2	33.1	1,781.2	5,398.2	33.1	1,785.5	5,398.2	33.1	1,785.5	5,374.8	33.0	1,777.7	5,388.2	33.0	1,782.1
NE2	2,137.4	30.2	645.7	2,184.1	30.2	660.6	2,216.3	30.7	681.0	2,253.4	30.7	692.4	2,290.5	30.7	703.8	2,332.9	30.7	716.9	2,375.3	30.7	729.8	2,416.9	30.7	742.7
NE3	1,529.2	31.5	481.0	1,522.3	31.4	478.2	1,512.3	31.4	474.5	1,506.4	31.4	472.6	1,497.3	31.4	469.8	1,485.4	31.4	466.0	1,476.9	31.3	463.3	1,465.5	31.3	459.7
C1	4,098.8	38.8	1,590.7	4,055.1	38.8	1,572.8	4,016.6	38.8	1,557.1	3,982.1	38.8	1,543.7	3,945.4	38.8	1,529.5	3,909.0	38.8	1,515.4	3,875.4	38.7	1,502.3	3,835.4	38.7	1,486.8
C2	3,112.6	33.2	1,031.9	3,104.8	33.1	1,026.9	3,094.8	33.0	1,021.7	3,086.6	33.0	1,019.0	3,079.7	33.0	1,016.7	3,065.8	33.0	1,012.1	3,060.3	33.0	1,010.2	3,047.7	33.0	1,006.1
C3	3,067.2	38.7	1,186.3	3,104.7	38.7	1,200.9	3,133.7	38.6	1,208.2	3,167.1	38.6	1,221.1	3,195.5	38.6	1,232.0	3,223.6	38.6	1,242.9	3,254.7	38.5	1,254.8	3,287.6	38.5	1,267.5
S1	3,760.2	36.5	1,371.3	3,804.5	36.5	1,388.0	3,835.0	36.5	1,399.6	3,866.0	36.5	1,410.9	3,909.3	36.5	1,426.7	3,938.5	36.5	1,437.4	3,977.6	36.4	1,451.6	4,013.5	36.4	1,464.7
S2	4,232.6	30.9	1,308.3	4,268.2	30.9	1,317.6	4,289.6	30.8	1,322.7	4,317.7	30.8	1,331.4	4,338.5	30.8	1,337.8	4,354.9	30.8	1,342.8	4,378.0	30.8	1,349.9	4,393.2	30.8	1,354.6
S3	5,713.4	30.9	1,768.1	5,813.3	31.0	1,800.7	5,879.6	31.0	1,823.1	5,959.1	31.0	1,847.7	6,041.2	31.0	1,873.2	6,119.3	31.0	1,897.4	6,210.5	31.0	1,925.6	6,294.4	31.0	1,951.7
TOTAL	38,255.0	33.9	12,963.4	38,568.2	33.9	13,067.7	38,722.5	33.9	13,121.1	38,931.1	33.9	13,190.4	39,154.3	33.9	13,264.1	39,334.9	33.9	13,323.9	39,552.4	33.8	13,395.8	39,758.6	33.8	13,464.1

REGION	2001			2002			2003			2004			2005			2006			2007			2008		
	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)
N1	2,267.4	38.1	864.3	2,315.7	38.1	882.8	2,372.0	38.1	904.2	2,428.5	38.1	925.8	2,484.6	38.1	947.1	2,539.5	38.1	968.1	2,597.7	38.1	990.2	2,658.0	38.1	1,013.2
N2	1,921.2	30.2	579.5	1,923.2	30.2	580.1	1,934.5	30.2	583.5	1,939.9	30.2	585.2	1,946.4	30.2	587.1	1,953.5	30.2	589.3	1,955.0	30.1	589.7	1,962.6	30.1	592.0
N3	1,489.7	35.4	527.1	1,482.0	35.4	524.4	1,482.9	35.4	524.7	1,480.0	35.4	523.7	1,478.9	35.4	523.3	1,474.2	35.4	521.6	1,471.0	35.3	520.4	1,468.9	35.3	519.7
NE1	5,387.0	33.1	1,781.8	5,395.5	33.1	1,784.6	5,389.8	33.1	1,782.7	5,392.0	33.1	1,783.4	5,380.5	33.1	1,779.6	5,375.5	33.1	1,777.9	5,375.5	33.0	1,777.9	5,379.0	33.0	1,779.1
NE2	2,457.6	30.7	755.2	2,505.1	30.7	769.8	2,541.8	30.7	781.0	2,591.6	30.7	796.3	2,630.0	30.7	808.2	2,679.0	30.7	823.2	2,723.0	30.7	836.7	2,774.7	30.7	852.6
NE3	1,457.0	31.4	457.1	1,450.8	31.4	455.2	1,441.6	31.4	452.3	1,434.3	31.4	450.0	1,424.1	31.4	446.8	1,415.5	31.4	444.1	1,408.2	31.3	441.8	1,398.1	31.3	438.6
C1	3,797.8	38.8	1,472.3	3,762.1	38.8	1,458.5	3,727.8	38.8	1,445.2	3,694.5	38.8	1,432.2	3,661.8	38.8	1,419.6	3,629.4	38.8	1,407.0	3,597.1	38.7	1,394.4	3,558.8	38.7	1,379.6
C2	3,035.5	33.0	1,002.1	3,029.5	33.0	1,000.1	3,022.5	33.0	997.8	3,008.7	33.0	993.2	2,999.5	33.0	990.2	2,988.9	33.0	986.7	2,981.7	33.0	984.3	2,972.3	33.0	981.2
C3	3,315.4	38.6	1,278.3	3,343.9	38.6	1,289.2	3,378.0	38.6	1,302.4	3,405.7	38.6	1,313.1	3,437.3	38.6	1,325.3	3,471.7	38.6	1,338.5	3,503.1	38.5	1,350.6	3,535.6	38.5	1,363.1
S1	4,046.1	36.5	1,476.6	4,084.6	36.5	1,490.7	4,118.3	36.5	1,503.0	4,155.8	36.5	1,516.7	4,187.6	36.5	1,528.3	4,229.3	36.5	1,543.5	4,263.8	36.4	1,556.1	4,305.5	36.4	1,571.3
S2	4,408.4	30.8	1,359.3	4,435.8	30.8	1,367.8	4,449.4	30.8	1,372.0	4,473.0	30.8	1,379.2	4,493.6	30.8	1,385.6	4,511.2	30.8	1,391.0	4,534.9	30.8	1,398.3	4,554.0	30.8	1,404.2
S3	6,387.0	31.0	1,980.4	6,470.1	31.0	2,006.2	6,558.4	31.0																

ANNEX 9-1-2 DECREMENTAL INTERRUPTION ENERGY ( TOTAL ) CASE 2

(CASE 2)

REGION	1985			1986			1987			1988			1989			1990			1991			1992		
	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)
N1				1,370.0	47.0	644.0	1,450.9	46.0	667.1	1,505.7	45.9	691.8	1,584.5	46.0	728.8	1,658.0	46.1	764.5	1,733.7	46.2	802.6	1,807.7	46.4	840.0
N2				1,527.8	31.1	475.2	1,612.4	31.0	500.2	1,675.4	31.0	518.8	1,728.1	30.9	534.2	1,774.1	33.3	591.2	1,803.3	33.2	600.2	1,836.2	33.2	610.4
N3				1,307.6	34.5	450.5	1,376.6	34.5	474.5	1,412.3	33.9	479.2	1,439.5	40.9	589.1	1,466.8	40.9	599.3	1,484.3	42.5	631.0	1,501.3	42.4	637.3
NE1				4,541.4	31.8	1,444.3	4,732.6	37.8	1,786.7	4,892.7	37.7	1,844.1	5,053.5	37.6	1,902.1	5,165.3	38.8	2,002.4	5,262.6	38.7	2,036.9	5,337.3	38.6	2,062.7
NE2				1,607.8	32.3	519.0	1,709.5	32.6	557.4	1,804.4	33.4	602.1	1,883.2	33.4	629.9	1,953.9	33.5	654.9	2,022.6	33.5	679.1	2,079.5	33.6	699.5
NE3				1,357.4	36.4	493.7	1,417.8	36.3	514.3	1,453.7	36.2	525.7	1,482.2	36.1	534.6	1,503.6	36.0	541.1	1,517.1	35.9	544.7	1,524.0	35.8	546.1
C1				3,305.4	45.5	1,503.7	3,606.8	45.9	1,653.8	4,208.7	47.0	1,979.7	4,244.6	47.0	1,994.0	4,211.2	48.1	2,026.0	4,163.2	48.0	2,000.3	4,127.4	48.0	1,982.4
C2				2,023.0	38.7	783.6	2,224.1	38.9	865.1	2,360.7	37.9	895.0	3,009.6	40.6	1,221.7	3,045.6	39.8	1,211.2	3,098.3	38.9	1,205.7	3,105.2	38.7	1,202.9
C3				2,552.5	48.7	1,243.3	2,670.2	47.8	1,276.9	2,754.4	47.8	1,315.8	2,835.8	47.1	1,336.2	2,902.0	47.1	1,366.8	2,973.3	47.0	1,400.1	3,026.8	47.7	1,446.5
S1				2,824.6	36.9	1,042.2	2,975.2	36.9	1,096.6	3,358.2	37.5	1,259.5	3,456.1	37.5	1,295.2	3,543.3	39.3	1,392.8	3,624.4	44.0	1,598.0	3,700.6	44.1	1,632.0
S2				3,533.7	30.2	1,066.7	3,689.2	30.2	1,112.8	3,836.0	30.1	1,153.0	3,949.9	36.0	1,421.2	4,040.6	35.9	1,449.4	4,115.8	35.3	1,455.8	4,195.6	35.2	1,480.4
S3				4,049.7	37.3	1,509.6	4,406.7	36.1	1,590.5	4,630.7	36.1	1,670.0	4,932.4	35.7	1,762.7	5,224.5	35.5	1,853.4	5,466.5	35.2	1,928.5	5,601.3	35.3	1,978.4
TOTAL				30,001.0	37.3	11,175.7	31,871.8	38.0	12,096.1	33,892.8	38.2	12,934.7	35,599.4	39.2	13,949.7	36,489.1	39.6	14,453.1	37,265.2	39.9	14,883.3	37,843.6	39.9	15,119.2

REGION	1993			1994			1995			1996			1997			1998			1999			2000		
	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)
N1	1,879.5	46.6	876.3	1,930.6	46.7	902.5	1,971.8	46.9	924.1	2,020.4	46.9	946.9	2,065.7	46.9	968.1	2,112.5	46.9	990.1	2,165.3	46.8	1,014.8	2,214.7	46.8	1,037.9
N2	1,861.5	33.2	618.0	1,873.8	33.7	630.6	1,881.2	33.6	632.2	1,883.3	33.6	632.9	1,893.7	33.6	636.4	1,896.0	33.6	637.2	1,908.9	33.6	641.5	1,913.7	33.6	643.1
N3	1,503.4	42.4	637.3	1,510.6	42.3	639.7	1,504.7	42.3	636.5	1,503.8	42.3	636.2	1,499.2	42.3	634.2	1,498.9	42.3	634.1	1,494.7	42.3	632.3	1,487.3	42.3	629.1
NE1	5,359.3	38.6	2,067.8	5,396.2	38.5	2,078.7	5,387.0	38.5	2,071.8	5,385.2	38.5	2,071.1	5,398.2	38.5	2,076.1	5,398.2	38.5	2,076.1	5,374.8	38.4	2,067.0	5,388.2	38.4	2,072.2
NE2	2,137.4	33.7	720.0	2,184.1	33.7	737.0	2,216.3	34.5	765.7	2,253.4	34.5	778.5	2,290.5	34.5	791.3	2,332.9	34.5	805.9	2,375.3	34.5	820.5	2,416.9	34.5	835.0
NE3	1,529.2	35.8	546.9	1,522.3	35.7	543.3	1,512.3	35.6	538.7	1,506.4	35.6	536.6	1,497.3	35.6	533.4	1,485.4	35.6	529.1	1,476.9	35.6	526.1	1,465.5	35.6	522.0
C1	4,098.8	48.0	1,968.0	4,055.1	48.0	1,945.5	4,016.6	47.9	1,925.7	3,982.1	47.9	1,909.2	3,945.4	47.9	1,891.6	3,909.0	47.9	1,874.2	3,875.4	47.9	1,858.0	3,835.4	47.9	1,838.8
C2	3,112.6	38.6	1,201.1	3,104.8	38.5	1,194.1	3,094.8	38.4	1,187.0	3,086.6	38.4	1,183.8	3,079.7	38.4	1,181.2	3,065.8	38.4	1,175.8	3,060.3	38.3	1,173.7	3,047.7	38.3	1,168.9
C3	3,067.2	47.8	1,465.9	3,104.7	47.8	1,484.0	3,133.7	47.6	1,491.4	3,167.1	47.6	1,507.3	3,195.5	47.6	1,520.8	3,223.6	47.6	1,534.2	3,254.7	47.5	1,548.9	3,287.6	47.5	1,564.6
S1	3,760.2	44.1	1,658.9	3,804.5	44.1	1,679.2	3,835.0	44.2	1,693.5	3,866.0	44.2	1,707.2	3,909.3	44.2	1,726.3	3,938.5	44.2	1,739.2	3,977.6	44.1	1,756.4	4,013.5	44.1	1,772.3
S2	4,232.6	34.8	1,475.0	4,268.2	34.8	1,484.6	4,289.6	34.7	1,489.6	4,317.7	34.7	1,499.3	4,338.5	34.7	1,506.6	4,354.9	34.7	1,512.3	4,378.0	34.7	1,520.2	4,393.2	34.7	1,525.5
S3	5,713.4	34.9	1,994.6	5,813.3	35.0	2,032.2	5,879.6	35.0	2,058.6	5,959.1	35.0	2,086.4	6,041.2	35.0	2,115.1	6,119.3	35.0	2,142.5	6,210.5	35.0	2,174.3	6,294.4	35.0	2,203.7
TOTAL	38,255.0	39.8	15,229.8	38,568.2	39.8	15,351.5	38,722.5	39.8	15,414.8	38,931.1	39.8	15,495.5	39,154.3	39.8	15,581.2	39,334.9	39.8	15,650.7	39,552.4	39.7	15,734.4	39,758.6	39.7	15,813.8

REGION	2001			2002			2003			2004			2005			2006			2007			2008		
	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)
N1	2,267.4	46.9	1,062.7	2,315.7	46.9	1,085.3	2,372.0	46.9	1,111.7	2,428.5	46.9	1,138.2	2,484.6	46.9	1,164.5	2,539.5	46.9	1,190.2	2,597.7	46.8	1,217.4	2,658.0	46.8	1,245.7
N2	1,921.2	33.6	645.7	1,923.2	33.6	646.3	1,934.5	33.6	650.1	1,939.9	33.6	651.9	1,946.4	33.6	654.1	1,953.5	33.6	656.5	1,955.0	33.6	657.0	1,957.6	33.6	659.5
N3	1,489.7	42.3	630.2	1,482.0	42.3	626.9	1,482.9	42.3	627.3	1,480.0	42.3	626.1	1,478.9	42.3	625.7	1,474.2	42.3	623.7	1,471.0	42.3	622.3	1,468.9	42.3	621.4
NE1	5,387.0	38.5	2,071.8	5,395.5	38.5	2,075.0	5,389.8	38.5	2,072.8	5,392.0	38.5	2,073.7	5,380.5	38.5	2,069.2	5,375.5	38.5	2,067.3	5,375.5	38.4	2,067.3	5,379.0	38.4	2,068.7
NE2	2,457.6	34.5	849.0	2,505.1	34.5	865.4	2,541.8	34.5	878.1	2,591.6	34.5	895.3	2,630.0	34.5	908.6	2,679.0	34.5	925.5	2,723.0	34.5	940.7	2,774.7	34.5	958.6
NE3	1,457.0	35.6	519.0	1,450.8	35.6	516.8	1,441.6	35.6	513.5	1,434.3	35.6	510.9	1,424.1	35.6	507.3	1,415.5	35.6	504.2	1,408.2	35.6	501.6	1,398.1	35.6	498.0
C1	3,797.8	47.9	1,820.9	3,762.1	47.9	1,803.8	3,727.8	47.9	1,787.3	3,694.5	47.9	1,771.3	3,661.8	47.9	1,755.6	3,629.4	47.9	1,740.1	3,597.1	47.9	1,724.6	3,558.8	47.9	1,706.3
C2	3,035.5	38.4	1,164.2	3,029.5	38.4	1,161.9	3,022.5	38.4	1,159.2	3,008.7	38.4	1,153.9	2,999.5	38.4	1,150.4	2,988.9	38.4	1,146.4	2,981.7	38.3	1,143.5	2,972.3	38.3	1,140.0
C3	3,315.4	47.6	1,577.9	3,343.9	47.6	1,591.4	3,378.0	47.6	1,607.7	3,405.7	47.6	1,620.9	3,437.3	47.6	1,635.9	3,471.7	47.6	1,652.2	3,503.1	47.5	1,667.1	3,535.6	47.5	1,682.6
S1	4,046.1	44.2	1,786.7	4,084.6	44.2	1,803.7	4,118.3	44.2	1,818.6	4,155.8	44.2	1,835.2	4,187.6	44.2	1,849.2	4,229.3	44.2	1,867.6	4,263.8	44.1	1,882.8	4,305.5	44.1	1,901.3
S2	4,408.4	34.7	1,530.8	4,435.8	34.7	1,540.3	4,449.4	34.7	1,545.1	4,473.0	34.7	1,553.3	4,493.6	34.7	1,560.4	4,511.2	34.7	1,566.5	4,534.9	34.7	1,574.7	4,554.0	34.7	1,581.4
S3	6,387.0	35.0	2,236.2	6,470.1	35.0																			

ANNEX 9-1-3 DECREMENTAL INTERRUPTION ENERGY ( TOTAL ) CASE 3

(CASE 3)

REGION	1985			1986			1987			1988			1989			1990			1991			1992		
	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)
N1				1,370.0	50.9	697.8	1,450.9	50.1	727.2	1,505.7	50.1	754.2	1,584.5	50.1	794.3	1,658.0	50.2	832.6	1,733.7	50.3	873.2	1,807.7	50.5	913.0
N2				1,527.8	38.2	583.8	1,612.4	38.2	615.2	1,675.4	38.1	638.4	1,728.1	38.1	657.8	1,774.1	40.0	709.5	1,803.3	39.9	720.6	1,836.2	39.9	733.1
N3				1,307.6	40.9	534.8	1,376.6	40.9	563.2	1,412.3	40.5	571.7	1,439.5	46.1	663.2	1,466.8	46.0	675.1	1,484.3	47.3	702.7	1,501.3	47.2	710.0
NE1				4,541.4	38.8	1,760.9	4,732.6	43.5	2,060.4	4,892.7	43.5	2,127.7	5,053.5	43.4	2,195.4	5,165.3	44.3	2,290.6	5,262.6	44.2	2,331.2	5,337.3	44.2	2,361.8
NE2				1,607.8	39.2	629.5	1,709.5	39.4	673.9	1,804.4	40.0	722.2	1,883.2	40.1	755.0	1,953.9	40.1	784.4	2,022.6	40.1	813.0	2,079.5	40.2	836.8
NE3				1,357.4	42.4	575.9	1,417.8	42.4	600.5	1,453.7	42.3	614.3	1,482.2	42.2	625.3	1,503.6	42.1	633.3	1,517.1	42.0	638.0	1,524.0	41.9	640.1
C1				3,305.4	49.7	1,643.7	3,606.8	50.0	1,804.0	4,208.7	51.0	2,144.9	4,244.6	50.9	2,161.2	4,211.2	51.8	2,182.3	4,163.2	51.7	2,155.3	4,127.4	51.7	2,136.2
C2				2,023.0	44.3	896.7	2,224.1	44.5	988.6	2,360.7	43.7	1,030.7	3,009.6	45.8	1,378.6	3,045.6	45.1	1,375.1	3,098.3	44.4	1,377.7	3,105.2	44.3	1,376.4
C3				2,552.5	52.3	1,335.0	2,670.2	51.6	1,377.6	2,754.4	51.6	1,419.9	2,835.8	51.0	1,447.1	2,902.0	51.0	1,480.4	2,973.3	51.0	1,516.5	3,026.8	51.5	1,560.8
S1				2,824.6	42.9	1,210.4	2,975.2	42.8	1,274.0	3,358.2	43.3	1,455.4	3,456.1	43.3	1,496.9	3,543.3	44.8	1,586.7	3,624.4	48.6	1,761.7	3,700.6	48.6	1,799.0
S2				3,533.7	37.5	1,324.5	3,689.2	37.5	1,382.2	3,836.0	37.4	1,433.9	3,949.9	42.1	1,663.6	4,040.6	42.0	1,698.3	4,115.8	41.6	1,713.4	4,195.6	41.5	1,743.7
S3				4,049.7	43.2	1,747.7	4,406.7	42.2	1,860.0	4,630.7	42.2	1,953.4	4,932.4	41.9	2,067.8	5,224.5	41.7	2,179.3	5,466.5	41.5	2,271.7	5,601.3	41.5	2,329.5
TOTAL				30,001.0	43.1	12,940.7	31,871.8	43.7	13,926.5	33,892.8	43.9	14,866.8	35,599.4	44.7	15,906.3	36,489.1	45.0	16,427.7	37,265.2	45.2	16,875.3	37,843.6	45.2	17,141.1

REGION	1993			1994			1995			1996			1997			1998			1999			2000		
	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)
N1	1,879.5	50.6	951.7	1,930.6	50.7	979.4	1,971.8	50.8	1,002.2	2,020.4	50.8	1,026.9	2,065.7	50.8	1,049.9	2,112.5	50.8	1,073.7	2,165.3	50.8	1,100.5	2,214.7	50.8	1,125.6
N2	1,861.5	39.9	742.6	1,873.8	40.3	754.3	1,881.2	40.2	756.6	1,883.3	40.2	757.4	1,893.7	40.2	761.6	1,896.0	40.2	762.6	1,908.9	40.2	767.7	1,913.7	40.2	769.6
N3	1,503.4	47.2	710.3	1,510.6	47.2	713.2	1,504.7	47.2	709.9	1,503.8	47.2	709.4	1,499.2	47.2	707.3	1,498.9	47.2	707.1	1,494.7	47.1	705.1	1,487.3	47.1	701.6
NE1	5,359.3	44.2	2,368.8	5,396.2	44.2	2,382.5	5,387.0	44.1	2,375.7	5,385.2	44.1	2,374.9	5,398.2	44.1	2,380.6	5,398.2	44.1	2,380.6	5,374.8	44.1	2,370.2	5,388.2	44.1	2,376.2
NE2	2,137.4	40.3	861.0	2,184.1	40.3	880.8	2,216.3	41.0	908.0	2,253.4	41.0	923.2	2,290.5	41.0	938.4	2,332.9	41.0	955.8	2,375.3	40.9	973.1	2,416.9	40.9	990.2
NE3	1,529.2	41.9	641.4	1,522.3	41.9	637.7	1,512.3	41.8	632.6	1,506.4	41.8	630.1	1,497.3	41.8	626.4	1,485.4	41.8	621.4	1,476.9	41.8	617.8	1,465.5	41.8	613.0
C1	4,098.8	51.7	2,120.9	4,055.1	51.7	2,097.0	4,016.6	51.7	2,076.1	3,982.1	51.7	2,058.3	3,945.4	51.7	2,039.3	3,909.0	51.7	2,020.6	3,875.4	51.6	2,003.1	3,835.4	51.6	1,982.4
C2	3,112.6	44.2	1,375.9	3,104.8	44.1	1,369.3	3,094.8	44.0	1,362.2	3,086.6	44.0	1,358.6	3,079.7	44.0	1,355.6	3,065.8	44.0	1,349.4	3,060.3	44.0	1,347.0	3,047.7	44.0	1,341.5
C3	3,067.2	51.6	1,581.7	3,104.7	51.6	1,601.2	3,133.7	51.4	1,611.0	3,167.1	51.4	1,628.1	3,195.5	51.4	1,642.7	3,223.6	51.4	1,657.2	3,254.7	51.4	1,673.1	3,287.6	51.4	1,690.0
S1	3,760.2	48.6	1,828.5	3,804.5	48.6	1,850.6	3,835.0	48.7	1,866.1	3,866.0	48.7	1,881.2	3,909.3	48.7	1,902.3	3,938.5	48.7	1,916.5	3,977.6	48.6	1,935.5	4,013.5	48.6	1,953.0
S2	4,232.6	41.2	1,744.3	4,268.2	41.2	1,756.7	4,289.6	41.1	1,763.6	4,317.7	41.1	1,775.2	4,338.5	41.1	1,783.7	4,354.9	41.1	1,790.5	4,378.0	41.1	1,799.9	4,393.2	41.1	1,806.2
S3	5,713.4	41.3	2,357.5	5,813.3	41.3	2,400.9	5,879.6	41.3	2,430.8	5,959.1	41.3	2,463.7	6,041.2	41.3	2,497.6	6,119.3	41.3	2,529.9	6,210.5	41.3	2,567.5	6,294.4	41.3	2,602.2
TOTAL	38,255.0	45.2	17,284.5	38,568.2	45.2	17,423.6	38,722.5	45.2	17,494.8	38,931.1	45.2	17,587.2	39,154.3	45.2	17,685.5	39,334.9	45.2	17,765.2	39,552.4	45.1	17,861.1	39,758.6	45.1	17,952.2

REGION	2001			2002			2003			2004			2005			2006			2007			2008		
	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)
N1	2,267.4	50.8	1,152.5	2,315.7	50.8	1,177.0	2,372.0	50.8	1,205.6	2,428.5	50.8	1,234.4	2,484.6	50.8	1,262.9	2,539.5	50.8	1,290.8	2,597.7	50.8	1,320.3	2,658.0	50.8	1,351.0
N2	1,921.2	40.2	772.7	1,923.2	40.2	773.5	1,934.5	40.2	778.0	1,939.9	40.2	780.2	1,946.4	40.2	782.8	1,953.5	40.2	785.7	1,955.0	40.2	786.2	1,962.6	40.2	789.3
N3	1,489.7	47.2	702.8	1,482.0	47.2	699.2	1,482.9	47.2	699.6	1,480.0	47.2	698.2	1,478.9	47.2	697.7	1,474.2	47.2	695.5	1,471.0	47.1	693.9	1,468.9	47.1	692.9
NE1	5,387.0	44.1	2,375.7	5,395.5	44.1	2,379.4	5,389.8	44.1	2,376.9	5,392.0	44.1	2,377.9	5,380.5	44.1	2,372.8	5,375.5	44.1	2,370.6	5,375.5	44.1	2,370.5	5,379.0	44.1	2,372.1
NE2	2,457.6	41.0	1,006.9	2,505.1	41.0	1,026.4	2,541.8	41.0	1,041.4	2,591.6	41.0	1,061.8	2,630.0	41.0	1,077.5	2,679.0	41.0	1,097.6	2,723.0	40.9	1,115.6	2,774.7	40.9	1,136.8
NE3	1,457.0	41.8	609.5	1,450.8	41.8	606.9	1,441.6	41.8	603.0	1,434.3	41.8	600.0	1,424.1	41.8	595.7	1,415.5	41.8	592.1	1,408.2	41.8	589.0	1,398.1	41.8	584.8
C1	3,797.8	51.7	1,963.1	3,762.1	51.7	1,944.6	3,727.8	51.7	1,926.9	3,694.5	51.7	1,909.7	3,661.8	51.7	1,892.8	3,629.4	51.7	1,876.0	3,597.1	51.6	1,859.2	3,558.8	51.6	1,839.5
C2	3,035.5	44.0	1,336.1	3,029.5	44.0	1,333.5	3,022.5	44.0	1,330.4	3,008.7	44.0	1,324.3	2,999.5	44.0	1,320.3	2,988.9	44.0	1,315.6	2,981.7	44.0	1,312.4	2,972.3	44.0	1,308.3
C3	3,315.4	51.4	1,704.3	3,343.9	51.4	1,719.0	3,378.0	51.4	1,736.6	3,405.7	51.4	1,750.8	3,437.3	51.4	1,767.0	3,471.7	51.4	1,784.7	3,503.1	51.4	1,800.8	3,535.6	51.4	1,817.5
S1	4,046.1	48.7	1,968.9	4,084.6	48.7	1,987.6	4,118.3	48.7	2,004.0	4,155.8	48.7	2,022.3	4,187.6	48.7	2,037.7	4,229.3	48.7	2,058.0	4,263.8	48.6	2,074.8	4,305.5	48.6	2,095.1
S2	4,408.4	41.1	1,812.5	4,435.8	41.1	1,823.7	4,449.4	41.1	1,829.3	4,473.0	41.1	1,839.0	4,493.6	41.1	1,847.5	4,511.2	41.1	1,854.7	4,534.9	41.1	1,864.4	4,554.0	41.1	1,872.3
S3	6,387.0	41.3	2,640.																					

ANNEX 9-2-1 DECREMENTAL INTERRUPTION ENERGY ( LARGE INDUSTRIAL ) CASE 1

(CASE 1)

REGION	1985			1986			1987			1988			1989			1990			1991			1992		
	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)
N1				19.7	38.2	7.5	23.1	37.5	8.7	26.6	37.5	10.0	29.7	37.5	11.1	30.0	37.6	11.3	29.5	37.7	11.1	30.1	37.8	11.4
N2				41.3	28.6	11.8	46.3	28.6	13.2	54.5	28.5	15.5	60.0	28.5	17.1	61.0	29.9	18.3	62.4	29.9	18.7	62.7	29.9	18.7
N3				28.1	30.6	8.6	32.1	30.6	9.8	37.4	30.3	11.3	41.4	34.5	14.3	41.4	34.5	14.3	42.7	35.5	15.1	42.6	35.4	15.1
NE1				397.7	29.0	115.6	452.3	32.6	147.7	522.3	32.6	170.3	582.8	32.5	189.9	587.6	33.2	195.4	597.3	33.2	198.4	601.2	33.1	199.5
NE2				60.7	29.3	17.8	68.6	29.5	20.2	80.0	30.0	24.0	88.1	30.0	26.4	90.2	30.1	27.1	90.8	30.1	27.4	91.2	30.1	27.5
NE3				395.3	31.8	125.8	450.4	31.7	143.0	520.6	31.6	165.0	580.9	31.6	183.8	587.4	31.5	185.5	595.3	31.5	187.7	597.6	31.4	188.2
C1				2,164.3	37.2	807.1	2,466.0	37.5	925.0	2,851.4	38.2	1,089.9	3,180.9	38.1	1,214.6	3,217.6	38.8	1,250.5	3,263.0	38.8	1,267.0	3,273.6	38.8	1,270.7
C2				628.2	33.2	208.8	716.2	33.3	238.7	827.1	32.7	270.8	923.3	34.3	317.2	933.9	33.8	316.2	946.5	33.3	315.6	949.7	33.2	315.7
C3				1,188.4	39.2	466.1	1,350.0	38.6	522.3	1,559.9	38.6	603.0	1,740.0	38.2	665.9	1,760.0	38.2	673.3	1,784.9	38.2	682.8	1,791.1	38.6	692.7
S1				603.7	32.1	194.0	686.3	32.1	220.4	793.3	32.5	257.8	885.2	32.4	287.5	895.8	33.5	300.8	907.7	36.4	330.9	912.2	36.4	332.6
S2				710.6	28.1	199.7	809.4	28.0	227.4	936.3	28.0	262.5	1,044.6	31.5	330.0	1,057.5	31.5	333.3	1,071.2	31.2	334.4	1,074.8	31.1	335.0
S3				451.7	32.3	146.2	514.5	31.6	162.8	594.0	31.6	187.9	662.0	31.4	208.1	670.4	31.2	209.7	680.3	31.1	212.0	682.5	31.1	212.9
TOTAL				6,690.4	34.5	2,309.6	7,615.7	34.6	2,639.8	8,804.0	34.8	3,068.6	9,819.4	35.3	3,466.4	9,933.3	35.6	3,536.3	10,072.2	35.7	3,601.6	10,109.8	35.8	3,620.4

REGION	1993			1994			1995			1996			1997			1998			1999			2000		
	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)
N1	30.5	37.9	11.5	29.9	38.0	11.3	30.1	38.1	11.4	30.2	38.1	11.5	29.6	38.1	11.2	30.1	38.1	11.5	30.1	38.1	11.5	30.1	38.1	11.4
N2	62.7	29.9	18.7	61.7	30.1	18.6	61.6	30.1	18.6	61.4	30.1	18.5	62.1	30.1	18.7	61.7	30.1	18.6	61.5	30.1	18.5	61.0	30.1	18.4
N3	42.4	35.4	15.0	43.0	35.4	15.2	42.6	35.3	15.0	42.1	35.3	14.9	42.3	35.3	14.9	42.5	35.3	15.0	42.5	35.3	15.0	42.3	35.3	15.0
NE1	600.1	33.1	198.9	600.5	33.1	198.8	599.5	33.0	198.2	596.7	33.0	197.3	596.6	33.0	197.3	593.8	33.0	196.4	594.1	33.0	196.5	592.7	33.0	196.0
NE2	91.2	30.2	27.5	91.0	30.2	27.5	91.0	30.7	27.9	91.0	30.7	27.9	90.2	30.7	27.7	91.0	30.7	27.9	90.4	30.7	27.7	89.6	30.7	27.5
NE3	598.6	31.4	188.3	598.1	31.4	187.8	596.8	31.3	187.2	595.5	31.3	186.8	594.2	31.3	186.4	592.9	31.3	186.0	591.3	31.3	185.5	590.1	31.3	185.1
C1	3,279.0	38.8	1,272.5	3,276.3	38.7	1,270.7	3,269.0	38.7	1,267.3	3,261.5	38.7	1,264.4	3,253.9	38.7	1,261.4	3,247.4	38.7	1,258.9	3,239.7	38.7	1,255.9	3,233.1	38.7	1,253.4
C2	951.6	33.1	315.5	950.5	33.0	314.4	948.3	33.0	313.0	946.6	33.0	312.5	944.3	33.0	311.7	942.3	33.0	311.0	940.2	33.0	310.4	938.2	33.0	309.7
C3	1,793.7	38.6	693.7	1,792.5	38.6	693.3	1,788.5	38.5	689.5	1,784.6	38.5	688.0	1,781.0	38.5	686.7	1,776.6	38.5	684.9	1,772.9	38.5	683.5	1,769.0	38.5	682.0
S1	912.5	36.4	332.8	911.9	36.4	332.6	910.4	36.4	332.2	908.1	36.4	331.4	906.3	36.4	330.7	904.7	36.4	330.2	902.2	36.4	329.2	899.8	36.4	328.4
S2	1,077.2	30.9	332.9	1,076.1	30.8	332.1	1,073.9	30.8	331.1	1,071.8	30.8	330.4	1,068.4	30.8	329.4	1,066.3	30.8	328.8	1,064.0	30.8	328.0	1,061.2	30.8	327.2
S3	683.4	30.9	211.4	683.0	30.9	211.5	680.3	31.0	210.9	680.1	31.0	210.8	678.1	31.0	210.2	676.5	31.0	209.7	675.2	31.0	209.3	674.0	31.0	208.9
TOTAL	10,123.4	35.8	3,619.2	10,114.9	35.7	3,614.5	10,092.6	35.7	3,603.0	10,070.3	35.6	3,595.0	10,047.7	35.6	3,587.0	10,026.1	35.6	3,579.3	10,004.6	35.6	3,571.6	9,981.7	35.7	3,563.4

REGION	2001			2002			2003			2004			2005			2006			2007			2008		
	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)
N1	29.9	38.1	11.4	29.7	38.1	11.3	29.4	38.1	11.2	29.7	38.1	11.3	29.3	38.1	11.2	29.5	38.1	11.2	29.5	38.1	11.2	29.4	38.1	11.2
N2	61.1	30.1	18.4	61.0	30.1	18.4	60.9	30.1	18.3	60.5	30.1	18.2	60.7	30.1	18.3	60.8	30.1	18.3	60.6	30.1	18.3	60.4	30.1	18.3
N3	42.1	35.3	14.9	41.9	35.3	14.8	41.5	35.3	14.6	41.6	35.3	14.7	41.6	35.3	14.7	41.5	35.3	14.7	41.3	35.3	14.6	41.5	35.3	14.6
NE1	589.8	33.0	195.1	590.4	33.0	195.3	587.3	33.0	194.2	587.2	33.0	194.2	585.6	33.0	193.7	584.7	33.0	193.3	582.3	33.0	192.6	582.1	33.0	192.5
NE2	89.6	30.7	27.5	89.4	30.7	27.4	89.8	30.7	27.6	89.2	30.7	27.4	89.1	30.7	27.3	88.8	30.7	27.2	89.0	30.7	27.3	88.3	30.7	27.1
NE3	588.7	31.3	184.7	587.5	31.3	184.3	586.3	31.3	183.9	584.8	31.3	183.4	583.7	31.3	183.1	582.0	31.3	182.6	581.1	31.3	182.3	579.5	31.3	181.8
C1	3,225.7	38.7	1,250.5	3,218.6	38.7	1,247.7	3,211.4	38.7	1,244.9	3,203.9	38.7	1,242.0	3,197.1	38.7	1,239.4	3,189.8	38.7	1,236.6	3,183.0	38.7	1,233.9	3,175.7	38.7	1,231.1
C2	935.9	33.0	308.9	934.1	33.0	308.3	932.0	33.0	307.6	930.0	33.0	307.0	928.1	33.0	306.3	925.5	33.0	305.5	923.9	33.0	305.0	921.5	33.0	304.2
C3	1,764.9	38.5	680.4	1,761.4	38.5	679.1	1,757.2	38.5	677.5	1,753.3	38.5	676.0	1,749.4	38.5	674.5	1,745.4	38.5	672.9	1,741.5	38.5	671.4	1,737.9	38.5	670.0
S1	898.4	36.4	327.8	895.9	36.4	326.9	894.1	36.4	326.3	892.0	36.4	325.5	890.3	36.4	324.9	888.2	36.4	324.1	886.3	36.4	323.4	884.4	36.4	322.7
S2	1,059.0	30.8	326.5	1,056.9	30.8	325.8	1,054.6	30.8	325.2	1,052.2	30.8	324.4	1,050.6	30.8	323.9	1,047.5	30.8	323.0	1,045.0	30.8	322.2	1,042.8	30.8	321.5
S3	672.9	31.0	208.6	670.2	31.0	207.8	669.0	31.0	207.4	667.7	31.0	207.0	666.2	31.0	206.5	664.4	31.0	206.0	663.5	31.0	205.7	662.2	31.0	205.3
TOTAL	9,958.6	35.7	3,555.2	9,937.5	35.7	3,547.6	9,914.2	35.6	3,539.3	9,892.7	35.6	3,531.6	9,872.2	35.6	3,524.3	9,848.5	35.6	3,515.9	9,827.4	35.6	3,508.3	9,806.3	35.6	3,500.8



ANNEX 9-2-2 DECREMENTAL INTERRUPTION ENERGY ( LARGE INDUSTRIAL ) CASE 2

(CASE 2)

REGION	1985			1986			1987			1988			1989			1990			1991			1992		
	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)
N1				19.7	47.0	9.2	23.1	45.9	10.6	26.6	45.9	12.2	29.7	45.9	13.6	30.0	46.1	13.8	29.5	46.2	13.7	30.1	46.4	14.0
N2				41.3	31.1	12.8	46.3	31.0	14.3	54.5	30.9	16.8	60.0	30.9	18.5	61.0	33.3	20.3	62.4	33.2	20.7	62.7	33.2	20.8
N3				28.1	34.4	9.7	32.1	34.4	11.0	37.4	33.9	12.7	41.4	40.9	16.9	41.4	40.8	16.9	42.7	42.5	18.1	42.6	42.4	18.0
NE1				397.7	31.8	126.4	452.3	37.7	170.7	522.3	37.6	196.8	582.8	37.6	219.3	587.6	38.7	227.8	597.3	38.7	231.2	601.2	38.6	232.3
NE2				60.7	32.2	19.6	68.6	32.6	22.3	80.0	33.3	26.7	88.1	33.4	29.4	90.2	33.5	30.2	90.8	33.5	30.5	91.2	33.6	30.6
NE3				395.3	36.3	143.7	450.4	36.2	163.3	520.6	36.1	188.2	580.9	36.0	209.5	587.4	35.9	211.3	595.3	35.9	213.7	597.6	35.8	214.1
C1				2,164.3	45.4	984.5	2,466.0	45.8	1,130.7	2,851.4	47.0	1,341.3	3,180.9	46.9	1,494.3	3,217.6	48.1	1,548.0	3,263.0	48.0	1,567.8	3,273.6	48.0	1,572.3
C2				628.2	38.7	243.3	716.2	38.8	278.5	827.1	37.9	313.6	923.3	40.5	374.8	933.9	39.7	371.4	946.5	38.9	368.3	949.7	38.7	367.9
C3				1,188.4	48.7	578.8	1,350.0	47.8	645.6	1,559.9	47.7	745.1	1,740.0	47.1	819.8	1,760.0	47.1	828.9	1,784.9	47.0	840.5	1,791.1	47.7	856.0
S1				603.7	36.8	222.7	686.3	36.8	252.9	793.3	37.5	297.5	885.2	37.4	331.7	895.8	39.3	352.1	907.7	44.0	400.2	912.2	44.1	402.3
S2				710.6	30.1	214.5	809.4	30.1	244.1	936.3	30.0	281.4	1,044.6	35.9	375.8	1,057.5	35.8	379.3	1,071.2	35.3	378.9	1,074.8	35.2	379.2
S3				451.7	37.2	168.4	514.5	36.0	185.7	594.0	36.0	214.2	662.0	35.7	236.6	670.4	35.4	237.8	680.3	35.2	240.0	682.5	35.3	241.0
TOTAL				6,690.4	40.8	2,734.2	7,615.7	41.1	3,130.4	8,804.0	41.4	3,647.0	9,819.4	42.1	4,140.8	9,933.3	42.6	4,238.3	10,072.2	42.9	4,324.0	10,109.8	43.0	4,349.1

REGION	1993			1994			1995			1996			1997			1998			1999			2000		
	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)
N1	30.5	46.6	14.2	29.9	46.7	13.9	30.1	46.8	14.1	30.2	46.8	14.1	29.6	46.8	13.8	30.1	46.8	14.1	30.1	46.8	14.1	30.1	46.8	14.1
N2	62.7	33.2	20.8	61.7	33.6	20.7	61.6	33.6	20.7	61.4	33.6	20.6	62.1	33.6	20.9	61.7	33.6	20.7	61.5	33.6	20.6	61.0	33.6	20.5
N3	42.4	42.3	17.9	43.0	42.3	18.2	42.6	42.3	18.0	42.1	42.3	17.8	42.3	42.3	17.9	42.5	42.3	17.9	42.5	42.3	17.9	42.3	42.3	17.9
NE1	600.1	38.5	231.5	600.5	38.5	231.3	599.5	38.4	230.5	596.7	38.4	229.4	596.6	38.4	229.4	593.8	38.4	228.3	594.1	38.4	228.5	592.7	38.4	227.9
NE2	91.2	33.6	30.7	91.0	33.7	30.7	91.0	34.5	31.4	91.0	34.5	31.4	90.2	34.5	31.1	91.0	34.5	31.4	90.4	34.5	31.2	89.6	34.5	30.9
NE3	598.6	35.7	214.0	598.1	35.6	213.4	596.8	35.6	212.6	595.5	35.6	212.1	594.2	35.6	211.7	592.9	35.6	211.2	591.3	35.6	210.6	590.1	35.6	210.2
C1	3,279.0	48.0	1,574.4	3,276.3	47.9	1,571.8	3,269.0	47.9	1,567.3	3,261.5	47.9	1,563.7	3,253.9	47.9	1,560.1	3,247.4	47.9	1,556.9	3,239.7	47.9	1,553.2	3,233.1	47.9	1,550.1
C2	951.6	38.5	367.2	950.5	38.4	365.5	948.3	38.3	363.7	946.6	38.3	363.0	944.3	38.3	362.2	942.3	38.3	361.3	940.2	38.3	360.6	938.2	38.3	359.8
C3	1,793.7	47.7	857.2	1,792.5	47.8	856.8	1,788.5	47.5	851.2	1,784.6	47.5	849.3	1,781.0	47.5	847.6	1,776.6	47.5	845.5	1,772.9	47.5	843.7	1,769.0	47.5	841.9
S1	912.5	44.1	402.5	911.9	44.1	402.4	910.4	44.1	402.0	908.1	44.1	401.0	906.3	44.1	400.2	904.7	44.1	399.5	902.2	44.1	398.4	899.8	44.1	397.3
S2	1,077.2	34.8	375.3	1,076.1	34.7	374.2	1,073.9	34.7	372.9	1,071.8	34.7	372.1	1,068.4	34.7	371.0	1,066.3	34.7	370.2	1,064.0	34.7	369.4	1,061.2	34.7	368.5
S3	683.4	34.9	238.5	683.0	34.9	238.7	680.3	35.0	238.2	680.1	35.0	238.1	678.1	35.0	237.4	676.5	35.0	236.8	675.2	35.0	236.4	674.0	35.0	235.9
TOTAL	10,123.4	42.9	4,344.9	10,114.9	42.8	4,338.3	10,092.6	42.8	4,323.0	10,070.3	42.8	4,313.3	10,047.7	42.8	4,303.7	10,026.1	42.8	4,294.5	10,004.6	42.8	4,285.2	9,981.7	42.8	4,275.5

REGION	2001			2002			2003			2004			2005			2006			2007			2008		
	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)
N1	29.9	46.8	14.0	29.7	46.8	13.9	29.4	46.8	13.8	29.3	46.8	13.9	29.3	46.8	13.7	29.5	46.8	13.8	29.5	46.8	13.8	29.4	46.8	13.8
N2	61.1	33.6	20.5	61.0	33.6	20.5	60.9	33.6	20.4	60.5	33.6	20.3	60.7	33.6	20.4	60.8	33.6	20.4	60.6	33.6	20.3	60.4	33.6	20.3
N3	42.1	42.3	17.8	41.9	42.3	17.7	41.5	42.3	17.5	41.6	42.3	17.6	41.6	42.3	17.6	41.5	42.3	17.5	41.3	42.3	17.4	41.5	42.3	17.5
NE1	589.8	38.4	226.8	590.4	38.4	227.0	587.3	38.4	225.8	587.2	38.4	225.8	585.6	38.4	225.2	584.7	38.4	224.8	582.3	38.4	223.9	582.1	38.4	223.8
NE2	89.6	34.5	30.9	89.4	34.5	30.9	89.8	34.5	31.0	89.2	34.5	30.8	89.1	34.5	30.7	88.8	34.5	30.6	89.0	34.5	30.7	88.3	34.5	30.5
NE3	588.7	35.6	209.7	587.5	35.6	209.2	586.3	35.6	208.8	584.8	35.6	208.3	583.7	35.6	207.9	582.0	35.6	207.3	581.1	35.6	207.0	579.5	35.6	206.4
C1	3,225.7	47.9	1,546.5	3,218.6	47.9	1,543.1	3,211.4	47.9	1,539.7	3,203.9	47.9	1,536.7	3,197.1	47.9	1,532.8	3,189.8	47.9	1,529.3	3,183.0	47.9	1,526.1	3,175.7	47.9	1,522.6
C2	935.9	38.3	358.9	934.1	38.3	358.2	932.0	38.3	357.4	930.0	38.3	356.7	928.1	38.3	355.9	925.5	38.3	354.9	923.9	38.3	354.3	921.5	38.3	353.4
C3	1,764.9	47.5	839.9	1,761.4	47.5	838.3	1,757.2	47.5	836.3	1,753.3	47.5	834.4	1,749.4	47.5	832.6	1,745.4	47.5	830.6	1,741.5	47.5	828.8	1,737.9	47.5	827.1
S1	898.4	44.1	396.7	895.9	44.1	395.6	894.1	44.1	394.8	892.0	44.1	393.9	890.3	44.1	393.1	888.2	44.1	392.2	886.3	44.1	391.3	884.4	44.1	390.5
S2	1,059.0	34.7	367.7	1,056.9	34.7	367.0	1,054.6	34.7	366.2	1,052.2	34.7	365.4	1,050.6	34.7	364.8	1,047.5	34.7	363.7	1,045.0	34.7	362.8	1,042.8	34.7	362.1
S3	672.9	35.0	235.6	670.2	35.0	234.6	669.0	35.0	234.2	667.7	35.0	233.7	666.2	35.0	233.2	664.4	35.0	232.6	663.5	35.0	232.3	662.2	35.0	231.8
TOTAL	9,958.6	42.8	4,265.6	9,937.5	42.8	4,256.5	9,914.2	42.8	4,246.5	9,892.7	42.8	4,237.3	9,872.2	42.8	4,228.5	9,848.5	42.8	4,218.4	9,827.4	42.8	4,209.3	9,806.3	42.8	4,200.3

ANNEX 9-2-3 DECREMENTAL INTERRUPTION ENERGY ( LARGE INDUSTRIAL ) CASE 3

(CASE 3)

REGION	1985			1986			1987			1988			1989			1990			1991			1992		
	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)
N1				19.7	50.9	10.0	23.1	50.1	11.6	26.6	50.0	13.3	29.7	50.1	14.8	30.0	50.2	15.0	29.5	50.3	14.9	30.1	50.5	15.2
N2				41.3	38.2	15.8	46.3	38.1	17.6	54.5	38.1	20.7	60.0	38.0	22.8	61.0	39.9	24.4	62.4	39.9	24.9	62.7	39.9	25.0
N3				28.1	40.8	11.5	32.1	40.9	13.1	37.4	40.4	15.1	41.4	46.0	19.0	41.4	46.0	19.0	42.7	47.3	20.2	42.6	47.2	20.1
NE1				397.7	38.7	154.2	452.3	43.5	196.9	522.3	43.4	227.1	582.8	43.4	253.2	587.6	44.3	260.6	597.3	44.2	264.6	601.2	44.2	266.0
NE2				60.7	39.1	23.7	68.6	39.4	27.0	80.0	40.0	32.0	88.1	40.0	35.3	90.2	40.1	36.2	90.8	40.1	36.5	91.2	40.2	36.7
NE3				395.3	42.4	167.7	450.4	42.3	190.7	520.6	42.2	220.0	580.9	42.1	245.0	587.4	42.1	247.4	595.3	42.0	250.3	597.6	41.9	251.0
C1				2,164.3	49.7	1,076.2	2,466.0	50.0	1,233.4	2,851.4	50.9	1,453.2	3,180.9	50.9	1,619.5	3,217.6	51.8	1,667.4	3,263.0	51.7	1,689.3	3,273.6	51.7	1,694.3
C2				628.2	44.3	278.4	716.2	44.4	318.3	827.1	43.6	361.1	923.3	45.8	422.9	933.9	45.1	421.6	946.5	44.4	420.8	949.7	44.3	420.9
C3				1,188.4	52.3	621.5	1,350.0	51.5	696.5	1,559.9	51.5	804.1	1,740.0	51.0	887.9	1,760.0	51.0	897.8	1,784.9	51.0	910.4	1,791.1	51.5	923.6
S1				603.7	42.8	258.7	686.3	42.8	293.9	793.3	43.3	343.8	885.2	43.3	383.4	895.8	44.7	401.1	907.7	48.6	441.2	912.2	48.6	443.5
S2				710.6	37.4	266.3	809.4	37.4	303.2	936.3	37.3	350.0	1,044.6	42.1	440.0	1,057.5	42.0	444.4	1,071.2	41.6	445.9	1,074.8	41.5	446.7
S3				451.7	43.1	194.9	514.5	42.2	217.1	594.0	42.1	250.5	662.0	41.9	277.5	670.4	41.7	279.6	680.3	41.5	282.7	682.5	41.5	283.8
TOTAL				6,690.4	46.0	3,079.4	7,615.7	46.2	3,519.8	8,804.0	46.4	4,091.5	9,819.4	47.0	4,621.9	9,933.3	47.4	4,715.1	10,072.2	47.6	4,802.2	10,109.8	47.7	4,827.2

REGION	1993			1994			1995			1996			1997			1998			1999			2000		
	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)
N1	30.5	50.6	15.4	29.9	50.7	15.1	30.1	50.8	15.3	30.2	50.8	15.3	29.6	50.8	15.0	30.1	50.8	15.3	30.1	50.8	15.3	30.1	50.8	15.3
N2	62.7	39.8	25.0	61.7	40.2	24.8	61.6	40.2	24.8	61.4	40.2	24.7	62.1	40.2	25.0	61.7	40.2	24.8	61.5	40.2	24.7	61.0	40.2	24.5
N3	42.4	47.2	20.0	43.0	47.2	20.3	42.6	47.1	20.1	42.1	47.1	19.8	42.3	47.1	19.9	42.5	47.1	20.0	42.5	47.1	20.0	42.3	47.1	20.0
NE1	600.1	44.2	265.2	600.5	44.1	265.1	599.5	44.1	264.3	596.7	44.1	263.1	596.6	44.1	263.1	593.8	44.1	261.8	594.1	44.1	262.0	592.7	44.1	261.3
NE2	91.2	40.2	36.7	91.0	40.3	36.7	91.0	40.9	37.3	91.0	40.9	37.3	90.2	40.9	36.9	91.0	40.9	37.2	90.4	40.9	37.0	89.6	40.9	36.7
NE3	598.6	41.9	251.1	598.1	41.8	250.5	596.8	41.8	249.6	595.5	41.8	249.1	594.2	41.8	248.6	592.9	41.8	248.0	591.3	41.8	247.3	590.1	41.8	246.8
C1	3,279.0	51.7	1,696.7	3,276.3	51.7	1,694.3	3,269.0	51.6	1,689.7	3,261.5	51.6	1,685.8	3,253.9	51.6	1,681.9	3,247.4	51.6	1,678.5	3,239.7	51.6	1,674.5	3,233.1	51.6	1,671.2
C2	951.6	44.2	420.6	950.5	44.1	419.2	948.3	44.0	417.4	946.6	44.0	416.6	944.3	44.0	415.6	942.3	44.0	414.7	940.2	44.0	413.8	938.2	44.0	412.9
C3	1,793.7	51.5	924.9	1,792.5	51.5	924.4	1,788.5	51.4	919.4	1,784.6	51.4	917.4	1,781.0	51.4	915.6	1,776.6	51.4	913.3	1,772.9	51.4	911.4	1,769.0	51.4	909.4
S1	912.5	48.6	443.7	911.9	48.6	443.5	910.4	48.6	443.0	908.1	48.6	441.9	906.3	48.6	441.0	904.7	48.6	440.2	902.2	48.6	439.0	899.8	48.6	437.8
S2	1,077.2	41.2	443.9	1,076.1	41.1	442.9	1,073.9	41.1	441.5	1,071.8	41.1	440.6	1,068.4	41.1	439.2	1,066.3	41.1	438.4	1,064.0	41.1	437.4	1,061.2	41.1	436.3
S3	683.4	41.2	281.9	683.0	41.2	282.0	680.3	41.3	281.2	680.1	41.3	281.1	678.1	41.3	280.3	676.5	41.3	279.6	675.2	41.3	279.1	674.0	41.3	278.6
TOTAL	10,123.4	47.7	4,825.7	10,114.9	47.6	4,819.3	10,092.6	47.6	4,804.1	10,070.3	47.5	4,793.4	10,047.7	47.5	4,782.6	10,026.1	47.5	4,772.4	10,004.6	47.5	4,762.1	9,981.7	47.6	4,751.3

REGION	2001			2002			2003			2004			2005			2006			2007			2008		
	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)	INTERRUP. ENERGY (MWh)	REDUC. RATIO (%)	DECREMEN. ENERGY (MWh)
N1	29.9	50.8	15.2	29.7	50.8	15.1	29.4	50.8	14.9	29.7	50.8	15.1	29.3	50.8	14.9	29.5	50.8	14.9	29.5	50.8	15.0	29.4	50.8	14.9
N2	61.1	40.2	24.5	61.0	40.2	24.5	60.9	40.2	24.4	60.5	40.2	24.3	60.7	40.2	24.4	60.8	40.2	24.4	60.6	40.2	24.4	60.4	40.2	24.3
N3	42.1	47.1	19.9	41.9	47.1	19.7	41.5	47.1	19.5	41.6	47.1	19.6	41.6	47.1	19.6	41.5	47.1	19.6	41.3	47.1	19.5	41.5	47.1	19.5
NE1	589.8	44.1	260.1	590.4	44.1	260.4	587.3	44.1	259.0	587.2	44.1	258.9	585.6	44.1	258.2	584.7	44.1	257.8	582.3	44.1	256.8	582.1	44.1	256.7
NE2	89.6	40.9	36.7	89.4	40.9	36.6	89.8	40.9	36.8	89.2	40.9	36.5	89.1	40.9	36.5	88.8	40.9	36.3	89.0	40.9	36.4	88.3	40.9	36.1
NE3	588.7	41.8	246.2	587.5	41.8	245.7	586.3	41.8	245.2	584.8	41.8	244.6	583.7	41.8	244.1	582.0	41.8	243.4	581.1	41.8	243.0	579.5	41.8	242.4
C1	3,225.7	51.6	1,667.3	3,218.6	51.6	1,663.6	3,211.4	51.6	1,659.9	3,203.9	51.6	1,656.1	3,197.1	51.6	1,652.5	3,189.8	51.6	1,648.8	3,183.0	51.6	1,645.3	3,175.7	51.6	1,641.5
C2	935.9	44.0	411.9	934.1	44.0	411.1	932.0	44.0	410.2	930.0	44.0	409.3	928.1	44.0	408.5	925.5	44.0	407.4	923.9	44.0	406.6	921.5	44.0	405.6
C3	1,764.9	51.4	907.2	1,761.4	51.4	905.5	1,757.2	51.4	903.3	1,753.3	51.4	901.3	1,749.4	51.4	899.3	1,745.4	51.4	897.2	1,741.5	51.4	895.2	1,737.9	51.4	893.4
S1	898.4	48.6	437.1	895.9	48.6	435.9	894.1	48.6	435.0	892.0	48.6	434.0	890.3	48.6	433.2	888.2	48.6	432.2	886.3	48.6	431.2	884.4	48.6	430.3
S2	1,059.0	41.1	435.4	1,056.9	41.1	434.5	1,054.6	41.1	433.6	1,052.2	41.1	432.6	1,050.6	41.1	431.9	1,047.5	41.1	430.6	1,045.0	41.1	429.6	1,042.8	41.1	428.7
S3	672.9	41.3	287.2	670.2	41.3	277.0	669.0	41.3	276.6	667.7	41.3	276.0	666.2	41.3	275.4	664.4	41.3	274.6	663.5	41.3	274.3	662.2	41.3	273.7
TOTAL	9,958.6	47.6	4,740.3	9,937.5	47.6	4,730.2	9,914.2	47.5	4,719.1	9,892.7	47.5	4,708.9	9,872.2	47.5	4,699.1	9,848.5	47.5	4,687.9	9,827.4	47.5	4,677.8	9,806.3	47.5	4,667.8





## PRESENT VALUE OF ELECTRIC REVENUE

(Unit: 1,000 US\$)

Year	Energy Sales (GWh)	Electric Revenue	Discount Rate (%)										
			5	6	7	8	9	10	11				
1986	9,392.6	0	0	0	0	0	0	0	0	0	0	0	
1987	10,549.2	0	0	0	0	0	0	0	0	0	0	0	
1988	11,899.8	775,398	703,308	690,101	677,262	664,778	652,636	640,824	629,330	617,836	606,342	594,848	
1989	13,243.5	862,954	745,452	724,552	704,427	685,040	666,358	648,350	630,984	613,576	597,168	580,760	
1990	14,194.9	924,948	760,957	732,645	705,638	679,864	655,256	631,751	609,291	587,716	566,142	544,568	
1991	15,198.4	990,336	775,954	740,036	706,095	674,006	643,650	614,920	587,716	563,524	538,873	513,859	
1992	16,175.8	1,054,024	786,528	743,045	702,340	664,213	628,480	594,969	563,524	538,873	513,859	488,707	
1993	17,169.7	1,118,787	795,101	744,057	696,724	652,801	612,014	574,114	538,873	513,859	488,707	464,785	
1994	18,173.7	1,184,209	801,519	742,987	689,220	639,791	594,314	552,442	513,859	488,707	464,785	442,036	
1995	19,185.4	1,250,132	805,846	739,951	679,988	625,377	575,595	530,178	488,707	464,785	442,036	420,399	
1996	20,253.4	1,319,723	810,195	736,926	670,880	611,287	557,465	508,810	464,785	442,036	420,399	399,821	
1997	21,380.9	1,393,192	814,570	733,916	661,895	597,516	539,907	488,305	442,036	420,399	399,821	380,252	
1998	22,571.1	1,470,746	818,966	730,915	653,028	584,053	522,901	468,625	420,399	399,821	380,252	361,640	
1999	23,827.6	1,552,620	823,387	727,928	644,282	570,895	506,431	449,738	399,821	380,252	361,640	343,938	
2000	25,154.1	1,639,056	827,834	724,956	635,654	558,034	490,481	431,614	380,252	361,640	343,938	327,103	
2001	26,554.4	1,730,300	832,303	721,993	627,140	545,462	475,033	414,220	361,640	343,938	327,103	311,092	
2002	28,032.6	1,826,620	836,795	719,042	618,739	533,172	460,070	397,525	343,938	327,103	311,092	295,865	
2003	29,593.1	1,928,304	841,312	716,103	610,451	521,160	445,579	381,504	327,103	311,092	295,865	281,383	
2004	31,240.5	2,035,649	845,854	713,176	602,275	509,419	431,544	366,129	311,092	295,865	281,383	267,610	
2005	32,979.6	2,148,970	850,420	710,262	594,208	497,942	417,952	351,373	295,865	281,383	267,610	253,897	
2006	34,815.6	2,268,605	855,013	707,361	586,250	486,725	404,789	337,213	281,383	267,610	253,897	240,184	
2007	36,753.7	2,394,893	859,628	704,470	578,398	475,759	392,039	323,623	267,610	253,897	240,184	227,471	
Total	478,339.6	29,869,466	16,190,942	14,504,422	13,044,894	11,777,294	10,672,494	9,706,227	8,858,208	8,007,297	7,156,386	6,305,475	

PRESENT VALUE OF ELECTRIC REVENUE

(Continued)

(Unit: 1,000 US\$)

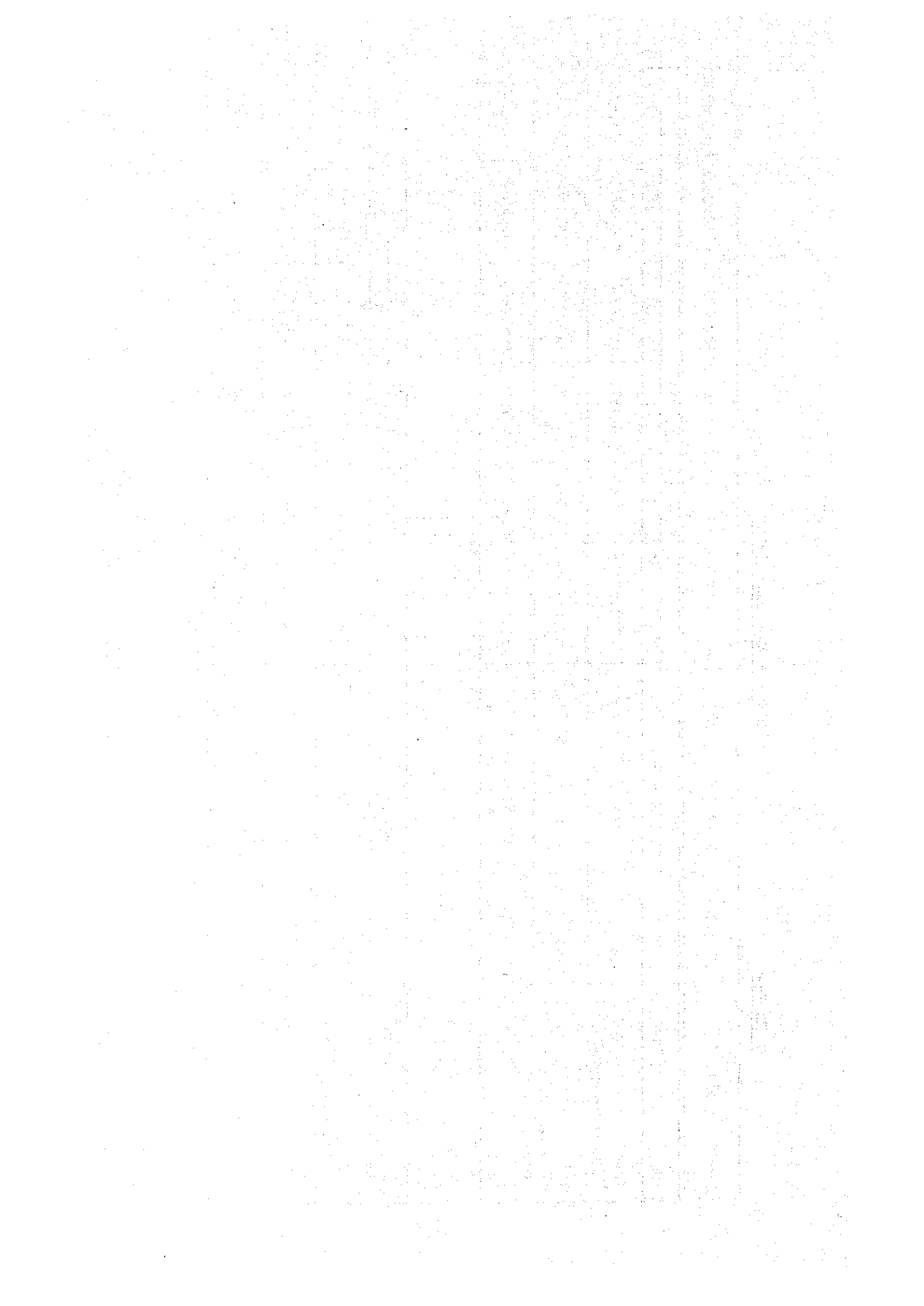
Year	Discount Rate (%)									
	12	13	14	15	16	17	18	19	20	
1986	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0	0
1988	618,142	607,250	596,643	586,312	576,247	566,438	556,878	547,558	538,470	
1989	614,233	598,070	582,469	567,406	552,858	538,803	525,220	512,090	499,394	
1990	587,821	567,287	547,643	528,842	510,840	493,598	477,077	461,242	446,059	
1991	561,943	537,514	514,349	492,372	471,511	451,703	432,884	414,999	397,993	
1992	534,001	506,267	480,199	455,683	432,615	410,899	390,443	371,166	352,990	
1993	506,082	475,552	447,109	420,593	395,859	372,774	351,215	331,069	312,232	
1994	478,282	445,451	415,135	387,120	361,213	337,241	315,044	294,477	275,409	
1995	450,810	416,149	384,425	355,365	328,725	304,286	281,849	261,236	242,283	
1996	424,915	388,775	355,987	326,215	299,159	274,551	252,152	231,746	213,142	
1997	400,509	363,201	329,653	299,457	272,253	247,723	225,584	205,586	187,506	
1998	377,503	339,309	305,266	274,892	247,766	223,515	201,815	182,378	164,953	
1999	355,820	316,989	282,684	252,344	225,481	201,673	180,550	161,791	145,113	
2000	335,383	296,138	261,773	231,645	205,202	181,966	161,527	143,527	127,660	
2001	316,119	276,658	242,408	212,644	186,746	164,185	144,507	127,325	112,305	
2002	297,961	258,459	224,476	195,201	169,949	148,140	129,281	112,952	98,798	
2003	280,846	241,458	207,870	179,189	154,664	133,664	115,659	100,202	86,914	
2004	264,714	225,574	192,493	164,490	140,753	120,602	103,472	88,890	76,461	
2005	249,509	210,736	178,253	150,998	128,093	108,817	92,570	78,856	67,264	
2006	235,178	196,874	165,067	138,612	116,573	98,184	82,816	69,955	59,174	
2007	221,670	183,924	152,856	127,242	106,088	88,589	74,090	62,058	52,057	
Total	8,111,441	7,451,635	6,866,758	6,346,622	5,882,595	5,467,351	5,094,633	4,759,103	4,456,177	

## NET PRESENT VALUE (PEA)

(Unit: 1,000 US\$)

Items	Discount Rate (%)											
	5	6	7	8	9	10	11	12				
Case 1	(46,168)	(44,455)	(42,757)	(41,083)	(39,457)	(37,874)	(36,353)	(34,886)				
Case 2	(49,545)	(47,713)	(45,894)	(44,106)	(42,362)	(40,673)	(39,044)	(37,476)				
Case 3	(59,611)	(57,341)	(55,105)	(52,916)	(50,791)	(48,731)	(46,753)	(44,853)				

Items	Discount Rate (%)							
	13	14	15	16	17	18	19	20
Case 1	(33,478)	(32,130)	(30,844)	(29,616)	(28,440)	(27,326)	(26,262)	(25,250)
Case 2	(35,972)	(34,531)	(33,155)	(31,841)	(30,588)	(29,395)	(28,257)	(27,176)
Case 3	(43,030)	(41,292)	(39,630)	(38,046)	(36,536)	(35,101)	(33,732)	(32,434)





JICA