

SYSTEM LOSS STATUS

2nd Quarter 2007

(Based on MFSR submission as of Aug 30, 2007)

2007 SYSTEM LOSS (%)

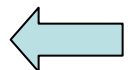
REGION	SYSTEM LOSS		REGION	SYSTEM LOSS		REGION	SYSTEM LOSS	
	1Qtr	2Qtr		1Qtr	2Qtr		1Qtr	2Qtr
I	16.21	15.86	VI	13.05	13.03	IX	16.04	14.76
II	16.36	16.91	VII	10.88	10.71	X	12.64	12.50
CAR	13.06	12.82	VIII	15.18	15.49	XI	11.68	12.40
III	14.37	14.40				XII	12.63	12.40
IV-A	13.55	14.35				CARAGA	15.13	15.04
IV-B	14.5	14.12						
V	20.97	20.66						
LUZON	15.38	15.40	VISAYAS	12.87	12.92	MINDANAO	13.67	13.64
NATIONAL							14.22	14.21

Distribution (No. of ECs) - 2007

Groupings	1 st Qtr	2 nd Qtr.
Single Digit	13	10
10% to 14%	43	48
15% to 20%	44	42
Above 20%	16	17
No Available Data	4	3
Total	120	120

SINGLE DIGIT – 10 ECs

BOHECO I	6.73
MORESCO I	6.78
DORECO	7.03
DIELCO	7.23
SIARELCO	7.23
CEBECO III	7.33
CELCO	8.17
DASURECO	8.95
TARELCO I	8.97
TIELCO	9.61



10% to 14% - 48 ECs

LANECO	10.01	ILECO I	11.75
PROSIELCO	10.26	PENELCO	11.76
CEBECO II	10.43	NEECO2-A2	11.86
SOCOTECO I	10.85	SURSECO II	11.87
CEBECO I	10.86	CENECO	11.88
BATANELCO	11.53	BENECO	11.98
ILECO III	11.55	BOHECO II	12.03
NOCECO	11.67	CANORECO	12.15

10% to 14% - 48 ECs

MORESCO II	12.20	BATELEC II	12.87
TARELCO II	12.23	FIBECO	13.13
PRESCO	12.24	SAMELCO II	13.15
ZANECO	12.32	SIASELCO	13.25
PALECO	12.36	ZAMSURECO I	13.26
MOELCI I	12.44	NORECO II	13.33
BATELEC I	12.83	FICELCO	13.38
ANTECO	12.87	PELCO I	13.58

10% to 14% - 48 ECs

LUELCO	13.65	ISECO	14.05
SOCOTECO II	13.73	SAJELCO	14.06
ORMECO	13.77	LEYECO V	14.17
BANELCO	13.81	INEC	14.18
AKELCO	13.86	ZAMECO II	14.29
SAMELCO I	13.86	ILECO II	14.36
BISELCO	13.92	CAGELCO I	14.40
CAMELCO	13.97	ASELCO	14.41

15% to 20 % - 42 ECs

ZAMSURECO II	14.51	AURELCO	15.35
MOELCI II	14.74	DANECO	15.39
NORECO I	14.77	SURSECO I	15.47
SOLECO	14.82	ISELCO I	15.54
ANECO	14.84	ROMELCO	15.65
LEYECO IV	14.94	LEYECO II	15.69
ABRECO	14.98	VRESCO	15.83
COTELCO	15.24	KAELCO	15.92

15% to 20 % - 42 ECs

CAPELCO	16.00	ZAMCELCO	17.12
SUKELCO	16.05	BILECO	17.24
MOPRECO	16.33	ALECO	17.72
QUEZELCO II	16.47	GUIMELCO	17.78
LEYECO III	16.51	OMEKO	17.90
MARELCO	16.66	CENPELCO	18.14
BUSECO	16.74	ESAMELCO	18.31
QUIRELCO	17.09	DORELCO	18.71

15% to 20 % - 42 ECs

PANELCO III	18.91	ISELCO II	19.72
NUVELCO	18.95	QUEZELCO I	20.01
NORSAMELCO	19.12	PANELCO I	20.05
CAGELCO II	19.47	SURNECO	20.34
NEECO II-A1	19.63	CASURECO IV	20.43

Above 20% - 17 ECs

CASURECO II	20.53	NEECO I	23.29
ZAMECO I	21.73	LUBELCO	23.42
SORECO I	21.74	IFELCO	23.52
FLECO	22.39	SORECO II	23.57
BASELCO	22.93	PELCO II	25.42
MASELCO	23.13	CASURECO III	29.11

Above 20% - 17 ECs

MAGELCO	29.72
TISELCO	32.49
CASURECO I	34.17
SULECO	42.83
TAWELCO	43.80

No Available Data

- PELCO III
- CASELCO
- LASURECO

ECs for Close Monitoring

by EDUS

AKELCO	ISECO
ANECO	LEYECO II
BATELEC I	LUELCO
COTELCO	QUEZELCO I
DANECO	SOCOTECO II
FIBECO	ZANECO
INEC	SUKELCO

ECs for Close Monitoring

by MAG

BATELEC II	NEECO I
CAPELCO	NEECO II
CASURECO II	PELCO II
CENECO	PELCO III
CENPELCO	VRESCO
FLECO	ZAMCELCO
ISELCO I	ALECO



HIGHLIGHT

- **Reduction of 0.14% for the Second Quarter.**
Target: Reduction of 0.29%
- **Estimated recovery due to reduction is P34M**



ACTIVITIES FOR SYSTEM LOSS REDUCTION

- **Massive replacement of kwhm**
- **Pole meter clustering**
- **Massive right of way clearing**
- **Load centering of DX transformers**
- **Proper splicing**
- **Installation of grounding rod**
- **Upgrading of overloaded DX transformers**
- **Line conversion**



CAUSES OF SYSTEM LOSS INCREASE

- **Pilferage**
- **Erroneous meter reading and billing**
- **Unbalance loading**
- **Inadequate system grounding**
- **Poor right-of-way clearing**
- **Absence of periodic inspection on important revenue metering.**
- **Non-replacement of defective kwhm**



PLANS/TARGETS

Reduction of

Electric Cooperatives' System

Losses

- **As of the 1st Semester 2007: 14.15%***
 - 2007: 14%
 - 2008: 13%
 - 2009: 11%
 - 2010: 9%
- **5% System Loss Reduction saves the Electric Cooperatives Php 3.1B (Php775M/yr) or 100MW in equivalent new power capacities for the generation sector.**



MEASURES

I. Technical SL

- 1. Rehabilitation/upgrading of 12,169 circuit kilometers of distribution systems**
- 2. Commissioning of 1,717 MVA of new substations**
- 3. Competency enhancement of technical personnel**



II. Non-technical SL

- 1. Massive education campaign for energy-use and efficiency**
- 2. Anti-pilferage Program**
- 3. Community Participation**

TOWARDS A **14%** LEVEL
BY THE END OF 2007

THANK YOU

