



CEM Quarterly Report

(Jan - Dec 2006)

Table of Contents

1. Corporate Highlights	1
2. Electricity Sales by Classification	2
3. Monthly Peak Load	2
4. M-Index	3
5. SAIDI	3
6. SAIFI	4
7. Number of Work Accidents	4
8. WAFI	5
9. WAGI	5

CEM Quarterly Report

(Jan - Dec 2006)



1. Corporate Highlights

CEM holds Energy Fun Fair 2006 to educate the public on Energy Conservation and Environmental Protection

On 22 October 2006, CEM held its Energy Fun Fair, an event that has become a yearly milestone, in which CEM shares some fun with the public while working to raise community awareness on significant issues about electrical energy. This year the theme was "Energy Conservation and Environmental Protection", and the event enjoyed the participation of nine local secondary schools. Students were challenged to design their own booth, creating wonderful games for the public to participate in. A talent contest was also organized where schools engaged in singing, dancing, or dramatization of the fair's main theme, all created by the students themselves. To prepare the students for both challenges, CEM organised a Youth Educational Programme in August and September with CEM staff providing workshops, tours and guidance to participants. The event turned out to be a great opportunity for the Company to bring itself closer to the public. At the same time, it was a great occasion to call the public's attention to the need for better utilisation of electrical energy, in order to contribute to a better environment.

CEM to host prestigious CEPSI Conference in 2008

In 2008, CEM will host the most prestigious conference of the power industry in the region, CEPSI. This honor was granted to CEM by the Association of Electricity Supply Industry of East Asia and the Western Pacific (AESIEAP) Council. AESIEAP is a regional non-governmental organisation formed in 1975. Over 2,000 delegates and visitors are expected to attend the 17th Conference of the Electric Power Supply Industry (CEPSI) in Macau. A team of CEM staff and Customer Liaison representatives recently attended the 16th CEPSI Conference, held in Mumbai, India, from 6 to 10 November. While at the conference, they shared expertise and technology with other electricity supply organisations, and CEM was officially endorsed the organisation to host the next conference.

CEM and Caritas Macau invite Under Privileged Families of the Macau Community to Dinner

On 29 November 2006, CEM together with Caritas Macau hosted a charity dinner for approximately 200 people coming from under privileged families in Macau. Dinner was filled with lots of entertainment and great companionship. Since the signing of the Cooperation Agreement between CEM and Caritas Macau in 2005, the two organisations have been working closely together in several community service areas. In the past two years, both organisations have jointly promoted and organised many events, including seminars, staff visits to Caritas Home for Senior Citizens, and providing sponsorship to the Caritas Macau Bazaar. It is hoped that through this partnership CEM can better support the needy people in our society.



CEM Quarterly Report

(Jan - Dec 2006)

2. Electricity Sales by Classification

	YTD2005			YTD2006			Change 2005/2006	
	Number of Contracts (0s)	Sales (MWh)	Market Share (%)	Number of Contracts (0s)	Sales (MWh)	Market Share (%)	Number (%)	Sales (%)
INDUSTRIAL	2,389	150,062	7.1%	2,380	149,802	6.3%	-0.4%	-0.2%
COMMERCIAL	20,219	872,099	41.3%	20,980	969,662	40.8%	3.8%	11.2%
RESIDENTIAL	176,757	656,971	31.1%	179,356	672,888	28.3%	1.5%	2.4%
PUBLIC ADMINISTRATION	3,741	433,099	20.5%	3,797	581,695	24.5%	1.5%	34.3%
TOTAL	203,107	2,112,231	100.0%	206,514	2,374,047	100.0%	1.7%	12.4%

3. Monthly Peak Load

MVA	2005	2006	Variance (%)
Jan	270.1	298.8	11
Feb	281.7	303.9	8
Mar	295.1	323.3	10
Apr	330.7	387.9	17
May	395.0	423.1	7
Jun	402.0	469.1	17
Jul	466.6	516.7	11
Aug	416.3	464.8	12
Sep	414.1	468.2	13
Oct	399.6	423.9	6
Nov	359.1	383.2	7
Dec	305.7	345.6	13

CEM Quarterly Report

(Jan - Dec 2006)

4. M - Index

mm:ss	2005	2006	Variance (%)
Jan	00:23	00:04	-83
Feb	00:14	00:25	79
Mar	00:11	00:11	0
Apr	00:08	00:15	88
May	00:21	00:12	-43
Jun	00:05	00:49	880
Jul	01:09	00:50	-28
Aug	00:06	00:06	-1
Sep	02:17	00:46	-66
Oct	00:09	00:21	126
Nov	00:06	00:39	549
Dec	00:11	00:08	-23
YTD	05:20	04:46	-11

M-index = $\Sigma i / \Sigma Pi$

Σi = Total interruption power x interruption time

ΣPi = Sum of installed power (kVA) for all the 11/0.4kV customer substations

M-index represents the equivalent time of energy not supplied to the network. The figures indicated include planned interruption.

M-index has improved over previous year by 11%, but Y2006 ASAI is 99.9993%, which is slightly worse than Y2005 99.9994%.

5. SAIDI - System Average Interruption Duration Index

Minutes	2005	2006	Variance (%)
Jan	0.13	0.04	-66
Feb	0.29	0.07	-75
Mar	0.04	0.13	271
Apr	0.13	0.08	-39
May	0.08	0.11	44
Jun	0.04	0.48	1064
Jul	1.15	1.45	26
Aug	0.04	0.08	74
Sep	0.95	1.04	10
Oct	0.21	0.01	-94
Nov	0.15	0.20	32
Dec	0.11	0.16	40
YTD	3.32	3.87	16

SAIDI = $\Sigma (\text{Affected Customers} \times \text{Affected Time}) / \text{Total Customers Served}$

SAIDI represents the equivalent interruption time per customer.

SAIDI has worsened over last year by 16%.

CEM Quarterly Report

(Jan - Dec 2006)

6. SAIFI - System Average

	2005	2006	Variance (%)
Jan	0.02	0.01	-69
Feb	0.01	0.02	93
Mar	0.01	0.01	56
Apr	0.03	0.01	-50
May	0.01	0.02	42
Jun	0.01	0.04	165
Jul	0.03	0.05	59
Aug	0.01	0.01	20
Sep	0.04	0.05	24
Oct	0.02	0.00	-87
Nov	0.03	0.01	-62
Dec	0.02	0.03	69
YTD	0.24	0.27	10

$SAIFI = \Sigma (\text{Affected Customers}) / \text{Total Customers Served}$

SAIFI represents the percentage of customers affected by an outage.

SAIFI has worsened over last year by 10%.

7. Number of Work Accidents:

Month/Year	2005	2006
Jan	0	3
Feb	0	0
Mar	0	0
Apr	0	1
May	0	1
Jun	1	2
Jul	3	3
Aug	1	3
Sep	0	2
Oct	0	0
Nov	0	0
Dec	0	2
Total	5	17

CEM Quarterly Report

(Jan - Dec 2006)

8. WAFI - Work Accident Frequency Index

	2005	2006	Variance %
Jan	0.00	24.40	N/A
Feb	0.00	0.00	0.00
Mar	0.00	0.00	0.00
Apr	0.00	8.90	N/A
May	0.00	8.38	N/A
Jun	7.88	15.89	101.55
Jul	22.32	23.11	3.55
Aug	7.49	23.42	212.72
Sep	0.00	16.35	N/A
Oct	0.00	0.00	N/A
Nov	0.00	0.00	N/A
Dec	0.00	22.29	N/A
YTD	3.4	11.85	248.52

9. WAGI - Work Accident Gravity Index

	2005	2006	Variance %
Jan	0.00	0.51	N/A
Feb	0.00	0.63	N/A
Mar	0.00	0.05	N/A
Apr	0.00	0.18	N/A
May	0.00	0.17	N/A
Jun	0.04	0.10	162.01
Jul	0.10	0.59	512.39
Aug	0.01	0.37	4,903.54
Sep	0.00	0.38	N/A
Oct	0.00	0.79	N/A
Nov	0.00	0.77	N/A
Dec	0.00	1.15	N/A
YTD	0.01	0.45	3,419.30