

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED.

EEE /220/SRS/CTA/07-08/1301-04
Date : 01-12-07

Office of the
Executive Engineer (Electrical)
KPTCL- 220 KV SRS,
Chitradurga

To.

The Superintending Engineer Electrical (SPPC)
K P T C L, GROUND FLOOR
KAVERI BHAVAN
Bangalore - 560009.

Sir,

Sub: **Monthly Readings of the energy meters for M/S. MMCL Site at HD Pura in Jogimatti Wind zone Chitradurga District.**

With reference to the above, I am herewith furnishing the energy meter readings for M/S. MMCL at HD Pura village in jogimatti wind zone in Chitradurga district for the month of DECEMBER 2007, in the Prescribed format Form-B. The readings were taken on 01-12-2007.

1.M/S.MMCL Substation 66 KV Bulk Meter	- RR.No : MMCL- 01
2.M/S.MMCL 33 KV Metering Point	- RR.No : MMCL- 02
3.M/S.Abletech 33 KV Metering Point	- RR.No : MMCL- 03
4.M/S.CBM Corporation 33 KV Metering Point	- RR.No : MMCL- 04
5.M/S.Mineral Enterprises 33 KV Metering Point	- RR.No : MMCL- 05

This is for your kind information,

Yours faithfully,


Executive Engineer (Electrical)
KPTCL, 220 KV SRS,
Chitradurga.

Executive Engineer (Ele)
220. KV, SRS, K.P.T.C.L
CHITRADURGA

Copy to:

- 1.AEEE, TL & M Division, Davanagere,
- 2.M/S.Enercon (India) Limited VP Extension, Chitradurga.
- 3.Office copy.
4. SEE Transmission Billing Center, Bangalore

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

DIVISION : DAVANGERE

FORM - B

MONTH: DECEMBER YEAR: 2007

Multiplying Constant (MC) for 0.2 class accuracy: 60000

1) NAME OF THE GENERATING COMPANY Type of Generator: Synchronous Generator	M/S. MMCL SUBSTATION WIND POWER PROJECT AT HD PURA WIND ZONE 66KV METERING POINT AT CHITRADURGA DISTRICT											
	MAIN METER READINGS					CHECK METER READINGS						
2) ENERGY METER READINGS.	KWH EXPORT	KWH IMPORT	KVARH EXPORT		KVARH IMPORT		KWH EXPORT	KWH IMPORT	KVARH EXPORT		KVARH IMPORT	
			lag	lead	lag	lead			lag	lead	lag	lead
3) R.NO: MMCL-1												
03. Final meter reading as on 01-12-2007	826.86	0.80	55.74	16.15	1.12	0.07	826.91	0.83	55.84	16.15	1.16	0.08
04. Initial meter reading as on 01-11-2007	809.96	0.79	53.77	16.08	1.11	0.07	810.02	0.82	53.87	16.08	1.14	0.07
05. Difference (Final - Initial readings)	16.9	0.01	1.97	0.07	0.01	0.00	16.89	0.01	1.97	0.07	0.02	0.01
06. Energy generated		16.9					16.89					
07. Energy Generated X 60000		1014000					1013400					
EXPORT GENERATION		600					600					
NET EXPORT GENERATION		1013400					1012800					

Representative of the company
 for MYSORE MERCANTILE CO. LTD.

Asst. Executive Engineer (K.P.T.C.)
 Asst. Ex. K.P.T.C. Division,
 T.L.M. Sub Division,
 K.P.T.C.L., DAVANGERE.

Executive Engineer (K.P.T.C.)
 K.P.T.C. Div.,
 220, KV, SRS, K.P.T.C.L.
 CHITRADURGA

AUTHORISED SIGNATORY

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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

DIVISION : DAVANGERE

FORM - B

MONTH: DECEMBER YEAR:2007

Multiplying Constant (MC)for 0.2 class accuracy: 30000

01. NAME OF THE GENERATING COMPAN
(Type of Generator :Synchronous Generator)

M/S. MMCL. (6 X 0.8 MW) WIND POWER PROJECT AT
HD PURA WIND ZONE 33KV METERING POINT AT CHITRADURGA DISTRICT

02. ENERGY METER READINGS.

MAIN METER READINGS

CHECK METER READINGS

RR.NO: MMCL-2

	KWH		KVARH		KVARH		KWH		KWH		KVARH		KVARH			
	EXPORT	IMPORT	EXPORT	IMPORT	EXPORT	IMPORT	EXPORT	IMPORT	EXPORT	IMPORT	EXPORT	IMPORT	EXPORT	IMPORT		
03. Final meter reading as on 01-12-2007	785.38		1.14		92.28	1.87	0.67	0.44	785.4	0.76	92.14	1.83	0.63	0.18		
04. Initial meter reading as on 01-11-2007	768.67		1.13		89.63	1.85	0.67	0.44	768.7	0.75	89.49	1.81	0.62	0.18		
05. Difference (Final - Initial readings)	16.71		0.01		2.65	0.02	0	0	16.7	0.01	2.65	0.02	0.01	0		
06. Energy generated (ExportX30000 & ImportX30000)	501300	300			79500	600	0	0	501000	300	79500	600	300	0		
07. Total export Generated	501300															
08. Transmission losses	5381															
09. Net export Generated	495919															
10. Energy to be billed (Net Export- 115%Import)	495574															
	501000												5787			
	495213												494868			

Representative of the
MYSORE COMPANY
K.P.T.C.L. CO. LTD.

Asst. Executive Engineer
T.L.M. Sub Division,
K.P.T.C.L., DAVANGERE.

Executive Engineer
K.P.T.C.L., DAVANGERE

AUTHORISED SIGNATORY

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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

DIVISION : DAVANGERE

FORM - B

MONTH: DECEMBER YEAR:2007

Multiplying Constant (MC)for 0.2 class accuracy: 9000
 Multiplying Constant (MC)for 0.2 class accuracy: 9000

1. NAME OF THE GENERATING COMPANY: M/S. ABLETECH (2 X 0.8 MW) WIND POWER PROJECT AT
 Type of Generator: Synchronous Generator HD PURA WIND ZONE 33KV METERING POINT AT CHITRADURGA DISTRICT

2. ENERGY METER READINGS:	MAIN METER READINGS						CHECK METER READINGS					
	KWH EXPORT	KWH IMPORT	KVARH EXPORT	KVARH IMPORT	KVARH EXPORT	KVARH IMPORT	KWH EXPORT	KWH IMPORT	KVARH EXPORT	KVARH IMPORT	KVARH EXPORT	KVARH IMPORT
3. Final meter reading as on 01-12-2007	1008.75	0.76	105.82	2.5	0.4	0.36	1009.77	0.89	106.32	2.37	0.43	0.41
4. Initial meter reading as on 01-11-2007	988.45	0.75	102.78	2.5	0.4	0.35	989.44	0.88	103.27	2.37	0.42	0.39
5. Difference (Final - Initial readings)	20.3	0.01	3.04	0	0	0.01	20.33	0.01	3.05	0	0.01	0.02
6. Energy generated (Export X 9000 & Import X 9000)	182700	90	27360	0	0	90	182970	90	27450	0	90	180
7. Total export Generated	182700											
8. Transmission losses	1961											
9. Net export Generated	180739											
0. Energy to be billed (Net Export- 15%Import)	180636											

Representative of the company
 MYSORE MERCANTILE CO. LTD.

Asst. Executive Engineer (E.P.C.)
 T.L.M. Sub Division,
 K.P.T.O.L. DAVANGERE.

Executive Engineer (E.P.C.)
 T.L.M. Sub Division,
 K.P.T.O.L. DAVANGERE.

AUTHORISED SIGNATORY

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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

DIVISION : DAVANGERE

FORM - B

MONTH: DECEMBER YEAR: 2007

Multiplying Constant (MC) for 0.2 class accuracy: 4500

01. NAME OF THE GENERATING COMPANY: M/S. CBM CORPORATION (1X0.8 MW) WIND POWER PROJECT AT
 Type of Generator: Synchronous Generator) HD PURA WIND ZONE 33KV METERING POINT AT CHITRADURGA DISTRICT

02. ENERGY METER READINGS:

RR.NO: MMCL-4

	MAIN METER READINGS						CHECK METER READINGS					
	KWH EXPORT	KWH IMPORT	KVARH EXPORT lag	KVARH EXPORT lead	KVARH IMPORT lag	KVARH IMPORT lead	KWH EXPORT	KWH IMPORT	KVARH EXPORT lag	KVARH EXPORT lead	KVARH IMPORT lag	KVARH IMPORT lead
03. Final meter reading as on 01-12-2007	815.37	1.43	112.36	1.36	0.24	0.92	813.49	1.48	111.95	1.44	0.42	0.88
04. Initial meter reading as on 01-11-2007	797.56	1.4	109.03	1.35	0.24	0.87	795.72	1.45	108.64	1.44	0.41	0.89
05. Difference (Final - Initial readings)	17.81	0.03	3.33	0.01	0	0.05	17.77	0.03	3.31	0	0.01	0.05
06. Energy generated (Export X 4500 & Import X 4500)	80145	135	14985	45	0	225	79965	135	14895	0	45	225
07. Total export Generated	80145											
08. Transmission losses	860											
09. Net export Generated	79285											
10. Energy to be billed (Net Export- 115%Import)	79130											
	79965						78886					
	924											
	79041											

Representative of the company
 401 MYSORE MERCANTILE CO. LTD.

AUTHORISED SIGNATORY

Asst. Executive Engineer (ETB.C.)
 K.P.T.O. Sub Division,
 DAVANGERE.

Executive Engineer
 K.P.T.O. Sub Division,
 CHITRADURGA.

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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

DIVISION : DAVANGERE

FORM - B

MONTH: DECEMBER YEAR:2007

Multiplying Constant (MC)for 0.2 class accuracy: 15000

C. NAME OF THE GENERATING COMPANY (Type of Generator :Synchronous Generator) M/S. MINERAL ENTERPRISES LTD (3 X 0.9 MW) WIND POWER PROJECT AT HD PURA WIND ZONE 33KV METERING POINT AT CHITRADURGA DISTRICT

C. ENERGY METER READINGS. MAIN METER READINGS CHECK METER READINGS

F.R.NO: MMCL-5	MAIN METER READINGS						CHECK METER READINGS					
	KWH EXPORT	KWH IMPORT	KVARH EXPORT lag	KVARH EXPORT lead	KVARH IMPORT lag	KVARH IMPORT lead	KWH EXPORT	KWH IMPORT	KVARH EXPORT lag	KVARH EXPORT lead	KVARH IMPORT lag	KVARH IMPORT lead
C. Final meter reading as on 01-12-2007	920.63	0.68	93.07	3.82	0.34	0.31	921.4	0.66	92.58	3.92	0.34	0.29
C. Initial meter reading as on 01-11-2007	903.28	0.67	90.18	3.82	0.33	0.3	904.02	0.65	89.69	3.92	0.34	0.28
C. Difference (Final - Initial readings)	17.35	0.01	2.89	0	0.01	0.01	17.38	0.01	2.89	0	0	0.01
C. Energy generated (Export X 15000 & Import X 15000)	260250	150	43350	0	150	150	260700	150	43350	0	0	150
C. Total export Generated	260250						260700					
C. Transmission losses	2793						3011					
C. Net export Generated	257457						257689					
1. Energy to be billed (Net Export- 1.5%Import)	257284						257516					

Representative of the
Paul
 FOR MYSOCOMPANYANTILE CO. LTD.,

AUTHORISED SIGNATORY

P. Varadarajan
 Asst. Executive Engineer
 Asst. EXERCISE (Elec.)
 T.L.M. Sub Division,
 K.R.T.C.L. DAVANGERE

M. N. Srinivas
 Executive Engineer
 KPTCL
 EXECUTIVE ENGINEER (ELC)
 230 KV/33KV KPTCL
 CHITRADURGA

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TRANSMISSION LOSS CALCULATION FOR MMCL SITE

SL.NO.	Cumulative Generation of individual company for the month of DECEMBER 2007	33 kv individual metering point		66 kv Bulk Meter reading	
		Main Meter	Check Meter	Main = Y	Check = Y
1	M/S ABLETECH = X 1	182700	182970		
2	M/S. MMCL = X 2	501300	501000		
3	M/S. MINERAL ENTERPRISES LTD., = X 3	260250	260700	1013400	1012800
4	M/S. CBM CORPORATION = X 4	80145	79965		
TOTAL		1024395	1024635		

Total % Loss M/main Meter : 1.073

Check Meter 1.155

1 Power delivered from M/S ABLETECH

Main Meter 180739

Check Meter 180857

2 Power delivered from M/S.MMCL

Main Meter 495919

Check Meter 495213

3 Power delivered from M/S.MINERAL ENTERPRISES

Main Meter 257457

Check Meter 257689

4 Power delivered from M/S CBM CORPORATION

Main Meter 79285

Check Meter 79041