

Ref.No. SE/SC/T/AE/CV

No. 8016

Date: 8 OCT 2007

To:
Shah Promoters And Developers,
AST-1, Success Chambers, 1232, Apte Road,
Deccan Gymkhana,
Pune- 411 004,

Subject: - Commissioning of Six Nos of 1500 KW Wind Electric Generator
in r/o M/s. Shah Promoters And Developers, at Village Nagaj Tal.
Kawathe -Mahankal Dist:- Sangli.

- Ref:- 1] Dir(O)/10017 dtd. 12-03-2007
2] MEDA Clearance: WFP/Shah Promoters & Dev./9.00 MW/07-08/6760
Dt:-27.09.07
3] Elec.Inspe. EIM/PA/341 Dt:-28.09.2007[Location No:-N-4]
4] Elec.Inspe. EIM/PA/342 Dt:-28.09.2007[Location No:-N-5]
5] Elec.Inspe. EIM/PA/343 Dt:-28.09.2007[Location No:-N-6]
6] Elec.Inspe. EIM/PA/344 Dt:-28.09.2007[Location No:-N-7]
7] Elec.Inspe. EIM/PA/345 Dt:-28.09.2007[Location No:-N-8]
8] Elec.Inspe. EIM/PA/346 Dt:-28.09.2007[Location No:-N-9]
9] T.O.L.No.:-SE/SC/T/AE[C]/6439/Dt:-09.08.2007.
10] T.O.L.No.:-SE/SC/T/AE[C]/7270/Dt:-14.09.2007.
11] Suzlon Infrastructure Services Ltd.- Nil Dt:-29.09.2007.
12] EE/SGL(R)/Tech/10264 Dt:-8.10.2007.

Six No of 1500 KW Wind Electric Generator in r/o M/s. Shah Promoters
And Developers, at Survey No:-585 for N-4 and Survey No. 604 for N-5,N-
6,N-7,N-8,N-9 & forest compartment No.251, at Village Nagaj Tq- Kawathe
Mahakal, Dist:- Sangli, Location No:- N-4, N-5, N-6, N-7, N-8, N-9 are
commissioned on 30th Sepetember 2007 in presence of the Executive
Engineer O & M Division Sangli(R), Executive Engineer [Adm] Circle Office,
Sangli, Executive Engineer Testing Division Sangli, and the representative of
M/s. Suzlon Infrastructure Services Ltd. Wind machine under inspection
started supplying power to MSEDCL Grid at common metering point at feeder
No.5, at 220/33KV Ghatnandre Sub-Station.

The details of 33KV overhead line and the other metering equipment charged is as detailed hereunder:-

33KV Over Head Line (N-4 to N-9) 1.723 Km total tap line for all six machines with Isolator and Circuit Breaker.

Details of metering equipment at 220/33KV Ghatnandre Sub-Station, Feeder No. 5 are as below :

33KV Current Transformer: for Metering (Main Meter & Check

| Main Meter | | Check Meter | |
|---------------------|------------|-----------------|-------------|
| CT Ratio: 600/1 | | CT Ratio: 600/1 | |
| Sr. No. | R-32251001 | Sr. No. | R-32251004 |
| | Y-32251002 | | Y-32251005 |
| | B-32251003 | | B-132251006 |
| CI Accur: 0.2 | | | |
| Burden: 15VA | | | |
| Ownership: Consumer | | | |

33KV Voltage Transformer for Metering (Main & Check Meter)

| Main Meter | | Check Meter | |
|---------------------|------------|-------------|------------|
| Sr. No. | R-42252001 | Sr. No. | R-42252004 |
| | Y-42252002 | | Y-42252005 |
| | B-42252003 | | B-42252006 |
| PT Ratio: 33KV/110V | | | |
| CI Accur: 0.2 | | | |
| Burden: 50-100VA | | | |
| Ownership: Consumer | | | |

TOD Meter:

| Main Meter | | Check Meter | |
|--------------------|-----------------|--------------------|-----------------|
| Make | Elster S+ | Make | Elster S+ |
| Sr. No | 047225792 | Sr. No | 04725794 |
| Type | TOD, 4 Quadrent | Type | TOD, 4 Quadrent |
| CI. Accu. | 0.2 | CI. Accu. | 0.2 |
| SMF | 1 | SMF | 1 |
| Current Rating | -/1 | Current Rating | -/1 |
| Voltage Rating | 33KV/110 V | Voltage Rating | 33KV/110 V |
| Multiplying Factor | 600 | Multiplying Factor | 600 |

The Initial readings at the time of commissioning of new Windmills

| Main Meter At feeder No.05 | | Check Meter At feeder No.05 | |
|-------------------------------|----------------------|--------------------------------|---------|
| Import | | Import | |
| 1) | Import KWH = 62861.6 | Import KWH = | 48409.7 |
| 2) | RKVh (G) = 13764.3 | RKVh (G) = | 8095.9 |
| 3) | RKVh (D) = 13.6 | RKVh (D) = | 3.9 |
| 4) | KVAh = 65965.0 | KVAh = | 49861.2 |
| Export | | Export | |
| 1) | Export KWH = 391.6 | Export KWH = | 206.3 |
| 2) | RKVh (G) = 1436.4 | RKVh (G) = | 830.2 |
| 3) | RKVh (D) = 116.6 | RKVh (D) = | 33.8 |
| 4) | KVAh = 454.1 | KVAh = | 218.2 |

As per the Circular under Ref.1, the quantum of energy pumped in to MSEDCL's grid by the individual Windmill, will be given by M/s. Suzlon Infrastructure Services Ltd. MSEDCL will only be concerned with the net energy recorded by the main meter at respective feeder at Sub-Stations.(i.e. Feeder No. 5 at Ghatnandre 3/s).

SUPERINTENDING ENGINEER (SC)
SANGLI

Copy s.w.rs. to:

- 1) The Director (Operations) MSEDCL, Corporate Office, Mumbai
- 2) The Chief Engineer (KOPZ), MSEDCL, Zonal Office, Kolhapur

Copy f.w.rs. to: The Director General, M.E.D.A., Pune

- Copy to:
- 1) Executive Engineer, MSEDCL, O&M Dn. Vita
 - 2) Executive Engineer, MSEDCL, Testing Dn. Sangli