

MONITORING REPORT – III

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Version: 01
Monitoring Period: April 1 2007 to March 31 2009



125 MW WIND POWER PROJECT IN KARNATAKA, INDIA (UNFCCC REFERENCE No: 0315)

PROMOTED BY



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VERSION: 01

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A. PROJECT DESCRIPTION

The project activity involves the implementation of a 125.15 MW capacity wind power installation in Districts Bellary, Chitradurga and Davangere in the state of Karnataka. The project activity displaces power generation in grid-connected plants (largely from fossil fuel based sources). Renewable energy of approximately 299 Million Units (MU) per annum is exported to the BESCOM grid, which forms part of the southern regional grid (India). The project activity consists of WEGs of MSPL, RMMPL, and PVS and Brothers as listed below:

| Company | Number of WTGs | Capacity (KW per WTG) | Total Capacity (KW) | Make | Meter IDs |
|--------------|----------------|-----------------------|---------------------|-----------|---|
| MSPL | 7 | 750 | 5,250 | NEG Micon | GRHP-01, GRHP-08, GRHP-09, RHP-05, GRHP-06, GRHP-14, JMT-01 |
| | 17 | 950 | 16,150 | NEG Micon | |
| | 5 | 1250 | 6,250 | Suzlon | |
| MSPL | 41 | 1250 | 51,250 | Suzlon | MRB-03-K131,MRB-03-K140, JJK-08, JJK-05, JMT-03, JMT-05 |
| RMMPL | 31 | 1250 | 38,750 | Suzlon | JJK-07, JJK-06,MRB-03-K147,MRB-03-K161 |
| PVS | 6 | 1250 | 7,500 | Suzlon | MRB-03-K141 |
| Total | 107 | - | 125,150 | - | - |

The project consists of 107 WTGs, which are monitored via 18 metering points (one main meter and check meter). The WTGs are identified by their location numbers, and metering points by meter IDs. The geographical coordinates of individual WEGs would be submitted to the DOE during verification. Details on each of the 18 metering points are given in Annex 3 – Energy Meter Specifications.

Each metering point is connected to a receiving substation where voltage is stepped up from 33 KV to 66 KV. Details on each of the four substations, including a list of connected metering IDs (including those not part of the project activity), are given in Annex 4. Schematics of the project activity, showing WTGs respective meter IDs and respective substations are given below:

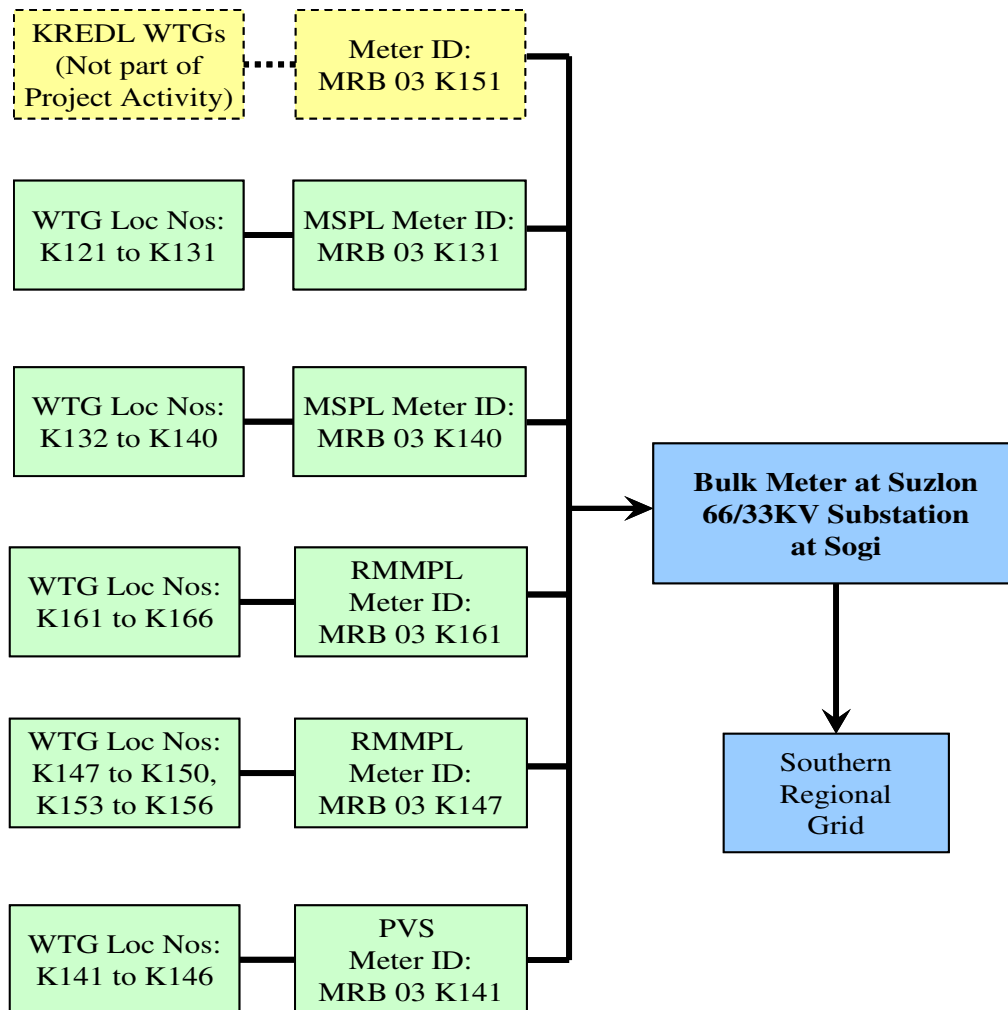


Figure 1: Schematic of WTGS connected to Suzlon 66/33KV Substation at Sogi

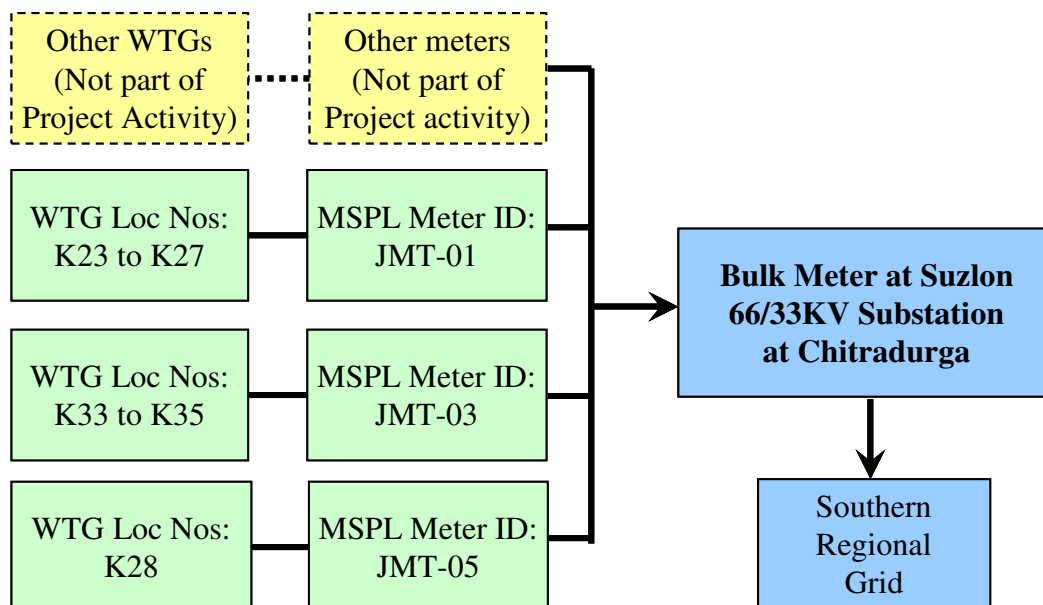


Figure 2: Schematic of WTGS connected to Suzlon 66/33KV Substation at Chitradurga

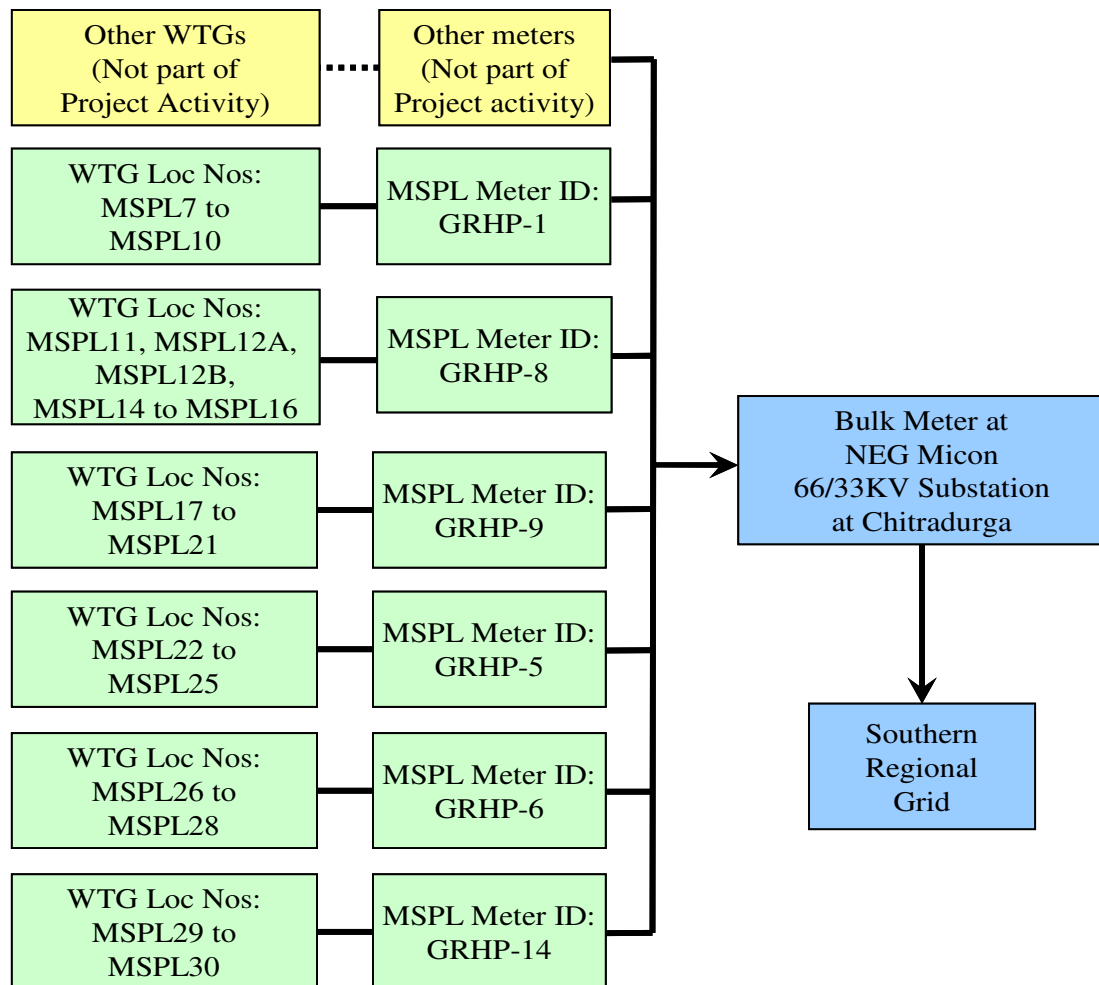


Figure 3: Schematic of WTGs connected to NEG Micon 66/33KV Substation at Chitradurga

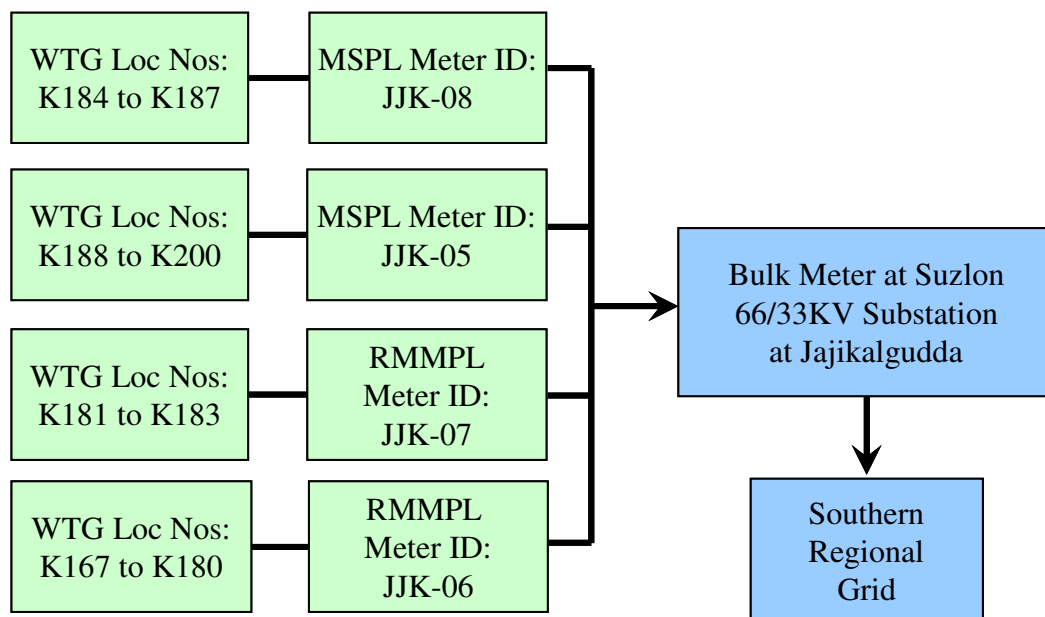


Figure 4: Schematic of WTGs connected to Suzlon 66/33KV Substation at Jajikalgudda

The project contributes to sustainable development and conservation of environment through use of wind, a renewable resource. The project activity also contributes to sustainable development through direct and indirect employment opportunities at wind sites, including the appointment of designated site engineers and contracting of Operation & Maintenance operators.

B. MONITORING INFORMATION

B.1 Monitoring Procedures

This project activity uses wind as a source for power generation and does not involve the combustion of fossil fuels. Therefore, there are no project emissions and emission reductions are equivalent to baseline emissions. Quantification of baseline emissions is dependent on monitoring of the net electricity supplied to the grid by the project activity. The monthly Joint Meter Reading (JMR) Statements issued by KPTCL report the electricity export and import from respective metering points and also the losses from transmission of electricity to respective substations. The values reported in JMR Statements can be cross-checked with those reported in Bill Payment Statements (also referred to as Pro Forma Invoices). The net electricity supplied to grid by the project activity is computed as: electricity exported less 115% of the electricity imported less transmission losses.

Joint meter readings at the metering points are taken by KPTCL officials and representatives of the project promoters (operation & maintenance contractors). JMR Statements are generated for each of the metering points by KPTCL and copies are sent to the respective project promoters. Against the JMR Statements, the Bill Payment Statements are generated by BESCOM and copies are sent to respective project promoters. Payments against sale of electricity are released by BESCOM to project promoters as per the Bill Payment Statements. This procedure is illustrated in the following diagram:

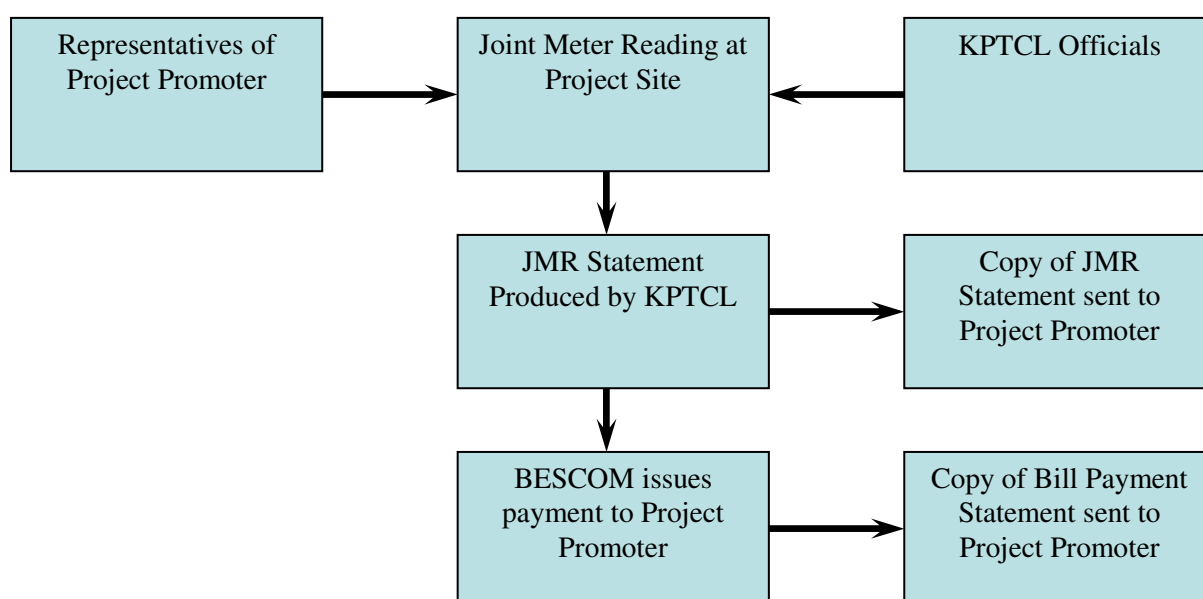


Figure 3: Information Flow Diagram

B.2 Emission Reductions

The emission reductions ER_y by the project activity during a given year y is the difference between baseline emissions (BE_y), project emissions (PE_y), and emissions due to leakage (L_y), as follows:

$$ER_y = BE_y - PE_y - L_y$$

Where,

| | |
|--------|--|
| ER_y | Emission reductions of the project activity during the year y in tons of CO ₂ , |
| BE_y | Baseline emissions due to displacement of electricity during the year y in tons of CO ₂ , |
| PE_y | Project emissions during the year y in tons of CO ₂ . |
| L_y | Leakage emission during the year y in tons of CO ₂ . |

The emission reductions from the project activity are equivalent to the baseline emissions as there are no project emissions and no leakage emissions. The baseline emissions are calculated as the product of the electricity supplied to the grid by the project activity (EG_y) in MWhs and the Baseline Emission Factor (EF_y) of the Southern Regional grid of India in tCO₂/MWh. The baseline emission factor was fixed ex-ante as 907.1 tCO₂/MU or 0.9071 tCO₂/MWh. Therefore emission reductions are calculated as:

$$ER_y = BE_y = EG_y * EF_y = EG_y * 0.9071$$

The quantity of emission reductions reported for the monitoring period is 514,531 tCO₂e. The calculation of emission reductions is summarized below:

| SUMMARY OF EMISSION REDUCTION CALCULATIONS | | |
|--|---|-------------|
| A | Total electricity export from project activity (MWh) | 577,147.200 |
| B | Total electricity import from project activity (MWh) | 1,114.740 |
| C | Transmission losses (MWh) | 8,638.311 |
| D | Net electricity supplied to grid, EG_y (MWh) $D = A - 115\% * B - C$ | 567,226.938 |
| E | Baseline Emission Factor, EF_y (kg CO ₂ /kWh) <i>This was determined ex-ante as the combined margin grid emission factor.</i> | 0.9071 |
| F | Emission Reductions, ER_y (tCO ₂ e) $F = D * E$ | 514531.556 |

The month-wise electricity export, electricity import, and transmission loss data in KWH for each of the metering points in the project activity is given in Annex 2. The detailed monitoring data spreadsheets showing the energy meter readings and determination of net electricity export data have would be submitted to the DOE for verification.

B.3 Quality Assurance / Quality Control

The monitoring equipment for the project activity comprises of 18 sets of main meters and corresponding check meters. These are electronic trivector energy meters of 0.2% accuracy class. The energy meters are sealed to ensure there is no tampering of the equipment. Annual calibration and periodical inspection of the energy meters is carried out by KPTCL officials.

The meter locations, connected WTGs, serial numbers, and dates of calibration are included in Annex 3 – Energy Meter Specifications. All energy meters were calibrated twice during the monitoring period, with the exception of the main and check meter at metering point GRHP-08, for which a single calibration was carried out on 09 July 2008.

During the monitoring period, all main meters were found to be working within their accuracy class and one technical fault occurred with the check energy meter at metering point GRHP-06 on July 2007. The internal failure of the current circuit in the meter was the cause of the fault. The fault was attended to by KPTCL officials and rectified by replacing the faulty check meter. Subsequently both the main meter and check meter were calibrated. The meters were found to be working within the specified accuracy range. The fault in the check meter did not have any impact on the monitoring of emission reductions as by default the main meter readings are applied. Apart from the one fault in the check meter of GRHP-06, no other breakdown of energy meters was reported.

B.4 Data Adjustments and Uncertainties

All main meters were calibrated and were working within their accuracy class during the monitoring period and no adjustment was required to the measured data.

Apart from the export and import of electricity which is measured by the energy meters, the calculation of net electricity supplied to grid includes a deduction of transmission losses. The

calculation of transmission losses is carried out by KPTCL considering the reading of the bulk meter at the receiving substation as well as the readings of each metering point connected to the respective receiving substation. Transmission losses refer to the energy loss incurred between the metering point for the WTGs and the respective receiving station where voltage is stepped up to 66KV and exported to the grid. For calculation of transmission losses, the following equation from the PPA is applied:

$$DE = X_1 - (X_1 \times Z\%)$$

Where

DE is the Delivered Energy pertaining to the project

X1 is the reading of the energy meter installed at the Project Site

Z is the percentage transmission line loss incurred in the transmission line between the project and receiving station and is determined as:

$$Z = \left\{ \frac{(X_1 + X_2 + X_3 + X_4 + \dots) - Y}{(X_1 + X_2 + X_3 + X_4 + \dots)} \right\} \times 100$$

Where

Y is the reading of the bulk energy meter installed on the 66 KV side of the receiving station.

X2, X3, X4, etc. are the readings of the energy meters installed at the various other individual wind power projects connected to the receiving station.

As an example, the computation of transmission losses at MRB-03 for March 2009 is given below. Figure 1 in the Project Description Section gives a schematic of the Suzlon 66/33KV receiving station at Sogi and may be referred for greater clarity.

| March 2009 Bulk Meter Readings at Suzlon 66/33 KV Receiving Station at Sogi | |
|--|------------------------|
| Parameter | Main Meter Data |
| Total Import Units | 46200 |
| Total Export Units | 3704400 |
| Total (Export – Import) | 3658220 |

| March 2009 Readings at Individual Metering Points connected to Suzlon 66/33KV Receiving Station at Sogi | | |
|--|-----------------|--|
| Owner of Connected WTGs | Meter ID | Main Meter Data (Export – Import) |
| KREDL | MRB 03 K151 | X1 = 187020 |
| MSPL Ltd | MRB 03 K131 | X2 = 926475 |
| MSPL Ltd | MRB 03 K140 | X3 = 963225 |
| P. Venganna Shetty and Brothers | MRB 03 K141 | X4 = 549900 |
| Ramgad Minerals and Mining Pvt. Ltd. | MRB 03 K147 | X5 = 741000 |
| Ramgad Minerals and Mining Pvt. Ltd. | MRB 03 K161 | X6 = 418950 |
| P. Venganna Shetty and Brothers | MRB 03 K827 | X7 = 300 |
| Total X = X1 + X2 + X3 + X4 + X5 + X6+ X7 | | X = 3786870 |

The percentage transmission losses are computed as:

$$Z = ((X - Y) / X) \times 100$$

X = 3786870 (total export from metering points connected to substation)

Y = 3704400 (export from bulk meter at substation)

Therefore:

$$Z = (3786870 - 3704400) / 3786870 \times 100 = 2.1777\%$$

For MRB-03 K140 the transmission losses for the month of March 2009 are given as:

$$\text{Transmission losses} = X5 \times Z = 963225 \times 2.1777\% = 20977.00$$

B.5 Emergency Preparedness

The operation and maintenance team is responsible for maintaining the physical and functional integrity of the project equipment. At every WEG location Tower/control room, the transformer yard has all necessary fire fighting equipments like fire buckets with sand and fire extinguishers. Fire extinguishers have been placed at each Monitoring stations/control room permanently. No emergency situations were reported during the monitoring period.

B.6 Management Roles & Responsibilities

The monitoring team for the project activity is represented by members of the MSPL Limited Wind Division and various levels of management. The overall operational responsibility of CDM project activity is with the Assistant General Manager (Power) of the Wind Division of MSPL. The Assistant General Manager (Power) reports to the Business Head of the Wind Division who in turn reports to the Board of MSPL. The management and staff of the MSPL Wind Division coordinate with site personnel including the Site Assistants and Site Engineers. The site personnel of individual sites are responsible for coordination with O&M contractors, and KPTCL/BESCOM officials. Site personnel are also responsible for collection and transfer of monitored data from respective sites to the corporate office. The overall functions of the monitoring team for the project activity are as under:

- Collection of monitoring data for power generation by the project activity
- Maintenance of records and backup of relevant data for verification
- Coordination with KPTCL for maintenance and calibration of monitoring equipment
- Coordination with O&M contractors to ensure continuous functioning of WEGs

ANNEXURE 1: ABBREVIATIONS

| | |
|-------------------------|---|
| ACM | Approved Consolidated Methodology |
| BEF | Baseline emission factor |
| BM | Build Margin |
| CO₂ | Carbon dioxide |
| CER | Certified Emission Reductions |
| RMMPL | Ramgad Minerals and Mining Private Limited |
| CDM | Clean development mechanism |
| CM | Combined Margin |
| JMR | Joint meter reading |
| PVS | P. Venganna Setty and Brothers |
| BESCOM | Bangalore Electricity Supply Company |
| KPTCL | Karnataka Power Transmission Corporation Limited |
| KW | Kilowatt |
| KWH | Kilowatt hour |
| MW | Megawatt |
| MWh | Megawatt hour |
| MU | Million Units |
| OM | Operating Margin |
| PDD | Project design document |
| SPPCC | State Power Procurement Co-ordination Centre |
| tCO₂e | Tonnes of carbon dioxide equivalent |
| UNFCCC | United Nations Framework Convention on Climate Change |
| WEG | Wind Electric Generator |
| WTG | Wind Turbine Generator |

ANNEXURE 2: MONITORING DATA

GROSS ELECTRICITY EXPORT IN KWH FOR THE PERIOD: APRIL07 - MARCH08

| Sl. No | Electricity Board Meter ID | Apr-07 | May-07 | Jun-07 | Jul-07 | Aug-07 | Sep-07 | Oct-07 | Nov-07 | Dec-07 | Jan-08 | Feb-08 | Mar-08 | TOTAL |
|--------|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|-----------|
| 1 | RR NO. MRB-03-K-131 | 1329075 | 3200175 | 4167900 | 4374150 | 4129125 | 3417150 | 1493250 | 1783650 | 2417250 | 2245650 | 910800 | 1734150 | 31202325 |
| 2 | RR NO. MRB-03-K-140 | 1358100 | 3345300 | 4432725 | 4498200 | 4380750 | 3631500 | 1663200 | 1974375 | 2654775 | 2295000 | 914625 | 1671975 | 32820525 |
| 3 | RR NO. MRB-03-K141 | 796500 | 2159100 | 2794500 | 3270150 | 2838600 | 2284650 | 930150 | 1045350 | 1480950 | 1284300 | 511200 | 835650 | 20231100 |
| 4 | RR NO MRB-03-K147 | 1088400 | 2568000 | 3381600 | 3948000 | 3447600 | 2781000 | 1240800 | 1332000 | 1860000 | 1689600 | 708000 | 1110000 | 25155000 |
| 5 | RR NO MRB-03-K-161 | 588600 | 1654200 | 2321550 | 2776500 | 2297250 | 1703700 | 599400 | 620550 | 1010700 | 862200 | 369900 | 668700 | 15473250 |
| 6 | RR NO JJK-06 | 1539300 | 3837750 | 5275200 | 6017550 | 5410650 | 4202100 | 1676850 | 1875300 | 2692200 | 2500050 | 1003800 | 1890000 | 37920750 |
| 7 | RR NO JJK-07 | 416700 | 1192500 | 1469250 | 1672425 | 1572075 | 1204200 | 509175 | 536625 | 774000 | 727200 | 296100 | 528300 | 10898550 |
| 8 | RR NO JJK-08 | 502200 | 1304700 | 1605900 | 1811400 | 1709400 | 1253700 | 604500 | 680100 | 997800 | 957000 | 390300 | 697500 | 12514500 |
| 9 | RR NO JJK-05 | 1295775 | 3426150 | 4985175 | 5794425 | 5067075 | 3809325 | 1542450 | 1852500 | 2830425 | 2513550 | 1074450 | 1802775 | 35994075 |
| 10 | RR NO JMT-05 | 131670 | 456480 | 509580 | 579960 | 587880 | 436320 | 212220 | 126900 | 238140 | 207360 | 112590 | 241020 | 3840120 |
| 11 | RR NO JMT-03 | 226500 | 927000 | 1398900 | 1741500 | 1669200 | 1286700 | 403500 | 343200 | 503700 | 501300 | 210300 | 484500 | 9696300 |
| 12 | RR NO. GRHP-01 | 216000 | 774000 | 1134000 | 1359000 | 1314000 | 981000 | 429000 | 369000 | 654000 | 522000 | 201000 | 411000 | 8364000 |
| 13 | RR NO. GRHP-08 | 355950 | 988650 | 1280250 | 1552500 | 1533150 | 1151100 | 565200 | 450000 | 590850 | 469350 | 215100 | 378450 | 9530550 |
| 14 | RR NO. GRHP-09 | 232875 | 793575 | 1108575 | 1260000 | 1257075 | 860850 | 347175 | 258300 | 492525 | 400725 | 198675 | 351225 | 7561575 |
| 15 | RR NO. GRHP-05 | 153600 | 580500 | 908700 | 1137600 | 1037100 | 741300 | 254400 | 235200 | 452700 | 401400 | 171000 | 397500 | 6471000 |
| 16 | RR NO. GRHP-06 | 151425 | 424350 | 676575 | 817425 | 716625 | 573300 | 257175 | 261675 | 416700 | 325125 | 168075 | 301725 | 5090175 |
| 17 | RR NO. GRHP-14 | 139800 | 450960 | 565920 | 711840 | 702480 | 525000 | 228000 | 207240 | 334080 | 286320 | 140160 | 278280 | 4570080 |
| 18 | RR NO JMT-01 | 526500 | 1755450 | 2273400 | 2716650 | 2712150 | 1899000 | 813600 | 513450 | 906750 | 814050 | 389250 | 867600 | 16187850 |
| TOTAL | | 11048970 | 29838840 | 40289700 | 46039275 | 42382185 | 32741895 | 13770045 | 14465415 | 21307545 | 19002180 | 7985325 | 14650350 | 293521725 |

GROSS ELECTRICITY EXPORT IN KWH FOR THE PERIOD: APRIL08 - MARCH09

| Sl. No | Electricity Board Meter ID | Apr-08 | May-08 | Jun-08 | Jul-08 | Aug-08 | Sep-08 | Oct-08 | Nov-08 | Dec-08 | Jan-09 | Feb-09 | Mar-09 | TOTAL |
|--------|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|-----------|
| 1 | RR NO. MRB-03-K-131 | 1375275 | 2992275 | 5228850 | 4299900 | 3352800 | 2861925 | 1551000 | 2043525 | 2403225 | 2624325 | 1354650 | 926475 | 31014225 |
| 2 | RR NO. MRB-03-K-140 | 1496475 | 3146850 | 5008500 | 4590000 | 3831975 | 2918025 | 1840050 | 2304450 | 2595375 | 2687850 | 1374300 | 963225 | 32757075 |
| 3 | RR NO. MRB-03-K141 | 869400 | 1984500 | 3516750 | 2994300 | 2569050 | 1874700 | 971100 | 1214550 | 1423800 | 1465200 | 706500 | 549900 | 20139750 |
| 4 | RR NO MRB-03-K147 | 1191600 | 2400600 | 4168200 | 3656400 | 3157200 | 2311200 | 1230600 | 1545000 | 1740000 | 1804200 | 971400 | 741000 | 24917400 |
| 5 | RR NO MRB-03-K-161 | 638100 | 1503450 | 2871900 | 2450250 | 2087100 | 1506150 | 547200 | 816750 | 870750 | 1071000 | 553500 | 418950 | 15335100 |
| 6 | RR NO JJK-06 | 1701000 | 3822000 | 6571950 | 5290950 | 4665150 | 3396750 | 1636950 | 2219700 | 2613450 | 2946300 | 1581300 | 1120350 | 37565850 |
| 7 | RR NO JJK-07 | 488025 | 1154925 | 1692450 | 1546875 | 1451025 | 952875 | 491850 | 623250 | 779850 | 819900 | 433575 | 305100 | 10739700 |
| 8 | RR NO JJK- 08 | 578400 | 1165800 | 1637700 | 1694100 | 1608000 | 1026000 | 597900 | 774000 | 1015200 | 1108200 | 573600 | 398400 | 12177300 |
| 9 | RR NO JJK-05 | 1367925 | 3110250 | 6020625 | 5130450 | 4566900 | 3209700 | 1689675 | 2268825 | 2735850 | 2919150 | 1464450 | 1046175 | 35529975 |
| 10 | RR NO JMT-05 | 172800 | 453870 | 549810 | 539820 | 482220 | 371700 | 156420 | 153720 | 188910 | 168930 | 165780 | 109350 | 3513330 |
| 11 | RR NO JMT-03 | 303000 | 871800 | 1796400 | 1472400 | 1072800 | 933300 | 297600 | 355500 | 443100 | 539400 | 358500 | 218100 | 8661900 |
| 12 | RR NO. GRHP-01 | 345000 | 840000 | 1461000 | 1317000 | 1131000 | 753000 | 399000 | 477000 | 567000 | 615000 | 330000 | 231000 | 8466000 |
| 13 | RR NO. GRHP-08 | 374400 | 867150 | 1223100 | 846900 | 729900 | 506250 | 248850 | 377100 | 439650 | 630000 | 382050 | 307800 | 6933150 |
| 14 | RR NO. GRHP-09 | 325575 | 778725 | 1242450 | 1179450 | 1036800 | 693900 | 288000 | 332325 | 419400 | 472050 | 259875 | 204750 | 7233300 |
| 15 | RR NO. GRHP-05 | 218100 | 617700 | 1148400 | 1008900 | 885300 | 565500 | 248700 | 299400 | 441900 | 510000 | 276600 | 170700 | 6391200 |
| 16 | RR NO. GRHP-06 | 129600 | 290475 | 560925 | 480600 | 403425 | 270900 | 168750 | 321525 | 398250 | 426825 | 262575 | 169650 | 3883500 |
| 17 | RR NO. GRHP-14 | 201360 | 481920 | 444000 | 341760 | 317160 | 206280 | 103440 | 114120 | 177840 | 378600 | 207480 | 153960 | 3127920 |
| 18 | RR NO JMT-01 | 667800 | 1783350 | 2590200 | 2452950 | 2218500 | 1622250 | 609750 | 648900 | 754650 | 904050 | 595800 | 390600 | 15238800 |
| TOTAL | | 12443835 | 28265640 | 47733210 | 41293005 | 35566305 | 25980405 | 13076835 | 16889640 | 20008200 | 22090980 | 11851935 | 8425485 | 283625475 |

ELECTRICITY IMPORT IN KWH FOR THE PERIOD: APRIL07 - MARCH08

| Sl. No | Electricity Board Meter ID | Apr-07 | May-07 | Jun-07 | Jul-07 | Aug-07 | Sep-07 | Oct-07 | Nov-07 | Dec-07 | Jan-08 | Feb-08 | Mar-08 | TOTAL |
|--------|----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 | RR NO. MRB-03-K-131 | 11550 | 1650 | 1650 | 825 | 0 | 4125 | 8250 | 3300 | 2475 | 4950 | 11550 | 8250 | 58575 |
| 2 | RR NO. MRB-03-K-140 | 8775 | 1350 | 1350 | 675 | 0 | 3375 | 6750 | 2700 | 1350 | 4050 | 9450 | 5400 | 45225 |
| 3 | RR NO. MRB-03-K141 | 6750 | 900 | 900 | 900 | 450 | 2250 | 4500 | 1800 | 1350 | 3150 | 6750 | 4050 | 33750 |
| 4 | RR NO MRB-03-K147 | 8400 | 1200 | 1200 | 600 | 600 | 3000 | 6600 | 1800 | 1800 | 4800 | 8400 | 5400 | 43800 |
| 5 | RR NO MRB-03-K-161 | 7650 | 900 | 1350 | 450 | 900 | 2700 | 6300 | 2250 | 2700 | 4050 | 8550 | 4950 | 42750 |
| 6 | RR NO JJK-06 | 13650 | 2100 | 2100 | 2100 | 0 | 4200 | 10500 | 3150 | 3150 | 8400 | 15750 | 6300 | 71400 |
| 7 | RR NO JJK-07 | 3600 | 675 | 450 | 225 | 225 | 900 | 2250 | 900 | 675 | 1800 | 3600 | 1575 | 16875 |
| 8 | RR NO JJK- 08 | 4500 | 900 | 600 | 300 | 300 | 1200 | 3000 | 1200 | 900 | 2100 | 4800 | 1800 | 21600 |
| 9 | RR NO JJK-05 | 13650 | 1950 | 1950 | 975 | 975 | 3900 | 10725 | 3900 | 2925 | 6825 | 16575 | 7800 | 72150 |
| 10 | RR NO JMT-05 | 1710 | 810 | 630 | 270 | 180 | 450 | 900 | 540 | 360 | 900 | 1530 | 1080 | 9360 |
| 11 | RR NO JMT-03 | 3600 | 900 | 900 | 300 | 0 | 900 | 1500 | 900 | 300 | 1800 | | 2400 | 17700 |
| 12 | RR NO. GRHP-01 | 3000 | 0 | 0 | 0 | 0 | 0 | 3000 | 0 | 3000 | 0 | 3000 | 3000 | 15000 |
| 13 | RR NO. GRHP-08 | 1800 | 900 | 450 | 450 | 0 | 450 | 1350 | 450 | 450 | 900 | 1350 | 1800 | 10350 |
| 14 | RR NO. GRHP-09 | 1575 | 675 | 450 | 225 | 225 | 225 | 1350 | 900 | 225 | 675 | 1575 | 1575 | 9675 |
| 15 | RR NO. GRHP-05 | 2700 | 900 | 900 | 300 | 0 | 1200 | 3000 | 1500 | 600 | 1200 | 3000 | 1800 | 17100 |
| 16 | RR NO. GRHP-06 | 1800 | 450 | 450 | 225 | 0 | 450 | 1125 | 675 | 450 | 675 | 1575 | 1575 | 9450 |
| 17 | RR NO. GRHP-14 | 1080 | 360 | 240 | 240 | 0 | 240 | 720 | 720 | 480 | 600 | 840 | 840 | 6360 |
| 18 | RR NO JMT-01 | 4500 | 900 | 1350 | 0 | 450 | 900 | 2700 | 900 | 900 | 2700 | 5850 | 3150 | 24300 |
| TOTAL | | 100290 | 17520 | 16920 | 9060 | 4305 | 30465 | 74520 | 27585 | 24090 | 49575 | 108345 | 62745 | 525420 |

ELECTRICITY IMPORT IN KWH FOR THE PERIOD: APRIL08 - MARCH09

| Sl. No | Electricity Board Meter ID | Apr-08 | May-08 | Jun-08 | Jul-08 | Aug-08 | Sep-08 | Oct-08 | Nov-08 | Dec-08 | Jan-09 | Feb-09 | Mar-09 | TOTAL |
|--------|----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 | RR NO. MRB-03-K-131 | 8250 | 3300 | 0 | 1650 | 4125 | 4950 | 8250 | 2475 | 2475 | 3300 | 10725 | 14025 | 63525 |
| 2 | RR NO. MRB-03-K-140 | 7425 | 2700 | 675 | 675 | 3375 | 4050 | 6750 | 2025 | 1350 | 2700 | 8100 | 12150 | 51975 |
| 3 | RR NO. MRB-03-K141 | 5400 | 1800 | 450 | 900 | 2250 | 2700 | 4500 | 1800 | 900 | 2250 | 6300 | 7650 | 36900 |
| 4 | RR NO MRB-03-K147 | 7200 | 1800 | 600 | 600 | 3600 | 4200 | 6000 | 2400 | 1200 | 3000 | 7200 | 10200 | 48000 |
| 5 | RR NO MRB-03-K-161 | 6300 | 1800 | 450 | 900 | 2700 | 4500 | 5400 | 2700 | 1800 | 2700 | 7650 | 9000 | 45900 |
| 6 | RR NO JJK-06 | 11550 | 2100 | 1050 | 2100 | 5250 | 7350 | 10500 | 3150 | 3150 | 4200 | 11550 | 16800 | 78750 |
| 7 | RR NO JJK-07 | 2700 | 900 | 225 | 225 | 1125 | 1575 | 2250 | 675 | 675 | 1125 | 2700 | 4050 | 18225 |
| 8 | RR NO JJK- 08 | 3600 | 900 | 300 | 300 | 1500 | 2400 | 3000 | 900 | 900 | 1500 | 3300 | 5400 | 24000 |
| 9 | RR NO JJK-05 | 11700 | 1950 | 975 | 975 | 5850 | 6825 | 9750 | 2925 | 1950 | 3900 | 11700 | 16575 | 75075 |
| 10 | RR NO JMT-05 | 1530 | 810 | 360 | 360 | 630 | 720 | 1080 | 630 | 630 | 450 | 1170 | 2160 | 10530 |
| 11 | RR NO JMT-03 | 3300 | 600 | 600 | 300 | 1200 | 1500 | 2400 | 900 | 600 | 1200 | 2400 | 4800 | 19800 |
| 12 | RR NO. GRHP-01 | 0 | 0 | 3000 | 0 | 0 | 3000 | 3000 | 0 | 0 | 0 | 3000 | 6000 | 18000 |
| 13 | RR NO. GRHP-08 | 1350 | 450 | 0 | 450 | 450 | 450 | 450 | 900 | 450 | 450 | 1800 | 3150 | 10350 |
| 14 | RR NO. GRHP-09 | 1125 | 450 | 225 | 450 | 675 | 900 | 1350 | 1125 | 0 | 900 | 1575 | 2475 | 11250 |
| 15 | RR NO. GRHP-05 | 3000 | 600 | 300 | 300 | 2700 | 1800 | 3000 | 1800 | 1500 | 1500 | 4200 | 7800 | 28500 |
| 16 | RR NO. GRHP-06 | 1800 | 675 | 0 | 450 | 675 | 900 | 1800 | 450 | 450 | 450 | 1350 | 2250 | 11250 |
| 17 | RR NO. GRHP-14 | 1080 | 360 | 240 | 240 | 240 | 360 | 720 | 840 | 480 | 600 | 1080 | 1800 | 8040 |
| 18 | RR NO JMT-01 | 4950 | 900 | 900 | 450 | 1800 | 2250 | 4050 | 1350 | 900 | 1350 | 3600 | 6750 | 29250 |
| TOTAL | | 82260 | 22095 | 10350 | 11325 | 38145 | 50430 | 74250 | 27045 | 19410 | 31575 | 89400 | 133035 | 589320 |

TRANSMISSION LOSSES FOR THE PERIOD: APRIL07 - MARCH08

| Sl. No | Electricity Board Meter ID | Apr-07 | May-07 | Jun-07 | Jul-07 | Aug-07 | Sep-07 | Oct-07 | Nov-07 | Dec-07 | Jan-08 | Feb-08 | Mar-08 |
|-----------------------------|-------------------------------|------------|----------|---------|---------|----------|----------|-----------|----------|-----------|-----------|-----------|-----------|
| 1 | RR NO. MRB-03-K-131 | 16869 | 51319.1 | 78098 | 84263.2 | 73321 | 59246 | 17071.1 | 19572.1 | 34681.2 | 36218.8 | 16724 | 30829.9 |
| 2 | RR NO. MRB-03-K-140 | 17237 | 53646.4 | 83060 | 86654 | 77789 | 62963 | 19014 | 21665 | 38089 | 37014.8 | 16794 | 29724.5 |
| 3 | RR NO. MRB-03-K141 | 10109 | 34624.09 | 52363.1 | 62996 | 50405 | 39611 | 10633.65 | 11471 | 21247.73 | 20713.75 | 9386.46 | 14856.25 |
| 4 | RR NO MRB-03-K147 | 13814 | 41181.4 | 63364.1 | 76054 | 61219 | 48217 | 14185.1 | 14616.1 | 26686.1 | 27250.6 | 13000 | 19734 |
| 5 | RR NO MRB-03-K-161 | 7470.4 | 26527.3 | 43501 | 53486.2 | 40792 | 29539 | 6852.5 | 6809.3 | 14501 | 13906 | 6792 | 11888.2 |
| 6 | RR NO JJK-06 | 24757 | 64991 | 98351 | 119087 | 97680 | 73180 | 21740 | 22841 | 35515 | 35946 | 14650 | 27696 |
| 7 | RR NO JJK-07 | 6702 | 20195 | 27392 | 33097 | 28381 | 20971 | 6601 | 6536 | 10211 | 10456 | 4322 | 7742 |
| 8 | RR NO JJK- 08 | 8077 | 22095 | 29940 | 35848 | 30860 | 21833 | 7837 | 8284 | 13163 | 13760 | 5696 | 10221 |
| 9 | RR NO JJK-05 | 20840 | 58020 | 92943 | 114672 | 91478 | 66340 | 19998 | 22564 | 37339 | 36140 | 15682 | 26418 |
| 10 | RR NO JMT-05 | 1082.5 | 2458 | 3277.2 | 3950.9 | 3466.3 | 2633.5 | 962 | 1043 | 520 | 445.3 | 568.8 | 961.1 |
| 11 | RR NO JMT-03 | 1862.1 | 4991 | 8996.6 | 11863.8 | 9842 | 7767 | 1829 | 2821 | 1099 | 1077 | 1062.5 | 1932 |
| 12 | RR NO. GRHP-01 | 815 | 5019.13 | 10963 | 12499 | 10526.6 | 6438 | 2442 | 3245 | 1842 | 2539 | 1711 | 2934 |
| 13 | RR NO. GRHP-08 | 1343 | 6411.06 | 12377 | 14278 | 12282 | 7555 | 3218 | 3958 | 1664 | 2283 | 1831 | 2701 |
| 14 | RR NO. GRHP-09 | 878 | 5146.06 | 10716 | 11588 | 10070 | 5650 | 1976 | 2272 | 1387 | 1949 | 1691 | 2507 |
| 15 | RR NO. GRHP-05 | 579 | 3764.34 | 8785 | 10463 | 8308 | 4865 | 1448 | 2069 | 1275 | 1952 | 1456 | 2837 |
| 16 | RR NO. GRHP-06 | 571 | 2752 | 6540 | 7518 | 5741 | 3763 | 1464 | 2302 | 1174 | 1581 | 1431 | 2154 |
| 17 | RR NO. GRHP-14 | 527 | 2924.32 | 5471 | 6547 | 5628 | 3446 | 1298 | 1823 | 941 | 1392 | 1193 | 1986 |
| 18 | RR NO JMT-01 | 4328.4 | 9451 | 14621 | 18506.9 | 15991.4 | 11462 | 3687.1 | 4221 | 1979 | 1749 | 1966.6 | 3459.7 |
| TOTAL | | 137861.4 | 415516.2 | 650759 | 763372 | 633780.3 | 475479.5 | 142256.45 | 158112.5 | 243314.03 | 246373.25 | 115957.36 | 200581.65 |
| TOTAL - Transmission Losses | | 4183363.64 | | | | | | | | | | | |

TRANSMISSION LOSSES FOR THE PERIOD:: APRIL08 - MARCH09

| Sl. No | Electricity Board Meter ID | Apr-08 | May-08 | Jun-08 | Jul-08 | Aug-08 | Sep-08 | Oct-08 | Nov-08 | Dec-08 | Jan-09 | Feb-09 | Mar-09 |
|------------------------------------|-------------------------------|-------------------|----------|-----------|----------|-----------|----------|---------|-----------|-----------|----------|-----------|-----------|
| 1 | RR NO. MRB-03-K-131 | 27453.3 | 57099 | 113075.6 | 89911 | 68311.6 | 59619 | 24963.1 | 32501.5 | 38111.5 | 42254.6 | 24882.9 | 20176.7 |
| 2 | RR NO. MRB-03-K-140 | 29872.7 | 60048 | 108310.4 | 95977 | 78074.5 | 60788 | 29615.4 | 36651.4 | 41158.7 | 43277.5 | 25243.8 | 20977 |
| 3 | RR NO. MRB-03-K141 | 17355 | 37868 | 76050.87 | 62611 | 52343.06 | 39054 | 15630 | 19316.96 | 22579.31 | 23591.4 | 12977.33 | 11975.66 |
| 4 | RR NO MRB-03-K147 | 23787 | 45808 | 90138.7 | 76455 | 64326.3 | 48147 | 19807 | 24572.6 | 27593.8 | 29049.7 | 17843.1 | 16137.4 |
| 5 | RR NO MRB-03-K-161 | 12738 | 28689 | 62105.8 | 51235 | 42523.6 | 31376 | 8807.1 | 12990.1 | 13808.8 | 17244.3 | 10167 | 9123.8 |
| 6 | RR NO JJK-06 | 27333 | 65831 | 125156 | 99480 | 86339 | 61691 | 21711 | 29444 | 36599 | 39298 | 24317 | 16834 |
| 7 | RR NO JJK-07 | 7842 | 19893 | 32231 | 29084 | 26855 | 17306 | 6523 | 8268 | 10921 | 10936 | 6668 | 4584 |
| 8 | RR NO JJK- 08 | 9294 | 20080 | 31188 | 31852 | 29760 | 18634 | 7930 | 10267 | 14217 | 14781 | 8821 | 5986 |
| 9 | RR NO JJK-05 | 21981 | 53572 | 114657 | 96463 | 84521 | 58294 | 22410 | 30096 | 38313 | 38936 | 22520 | 15720 |
| 10 | RR NO JMT-05 | 1042.3 | 2302 | 3713 | 3385 | 2813.2 | 2277 | 495 | 459 | 421.2 | 760.1 | 590.9 | 991.3 |
| 11 | RR NO JMT-03 | 1828 | 4421 | 12131.6 | 9232 | 6259 | 5717.2 | 942 | 1062 | 988 | 1731 | 1266 | 1977.2 |
| 12 | RR NO. GRHP-01 | 2526 | 5483 | 12836 | 11761 | 9954 | 5026 | 2938 | 3447 | 4182 | 3918 | 2577 | 2612 |
| 13 | RR NO. GRHP-08 | 2741 | 5660 | 10746 | 7563 | 6424 | 3379 | 1832 | 2725 | 3242 | 4014 | 2984 | 3480 |
| 14 | RR NO. GRHP-09 | 2384 | 5083 | 10916 | 10533 | 9125 | 4631 | 2121 | 2402 | 3093 | 3007 | 2030 | 2315 |
| 15 | RR NO. GRHP-05 | 1597 | 4032 | 10090 | 9010 | 7792 | 3774 | 1831 | 2164 | 3259 | 3249 | 2160 | 1930 |
| 16 | RR NO. GRHP-06 | 949 | 1896 | 4928 | 4292 | 3551 | 1808 | 1243 | 2324 | 2937 | 2719 | 2051 | 1918 |
| 17 | RR NO. GRHP-14 | 1474 | 3145 | 3901 | 3052 | 2791 | 1377 | 762 | 825 | 1312 | 2412 | 1620 | 1741 |
| 18 | RR NO JMT-01 | 4028 | 9043.4 | 17492.3 | 15379.6 | 12943 | 9937.5 | 1929.4 | 1937.7 | 1682.5 | 2901 | 2103 | 3541 |
| TOTAL | | 196225.3 | 429953.4 | 839667.27 | 707275.6 | 594706.26 | 432835.7 | 171490 | 221453.26 | 264418.81 | 284079.6 | 170822.03 | 142020.06 |
| TOTAL - Transmission Losses | | 4454947.29 | | | | | | | | | | | |

SUMMARY OF MONITORING DATA

| Parameter | Units | Period: Apr'07 - Mar'08 | Period: Apr'08 - Mar'09 | Total Value |
|--|-------|-------------------------|-------------------------|-------------------|
| Total gross export form project activity | MWh | 293521.725 | 283625.475 | 577147.200 |
| Total import form project activity | MWh | 525.42 | 589.32 | 1114.740 |
| Transmission losses | MWh | 4183.36364 | 4454.94729 | 8638.311 |
| Net electricity export to grid | MWh | 288734.128 | 278492.810 | 567226.938 |

ANNEXURE 3: ENERGY METER SPECIFICATION

| Sl.No | Meter ID | Location | No. of WTGs | WTG Location Nos | Connected Capacity (KW) | Connected to Substation | Main Meter No. | Check Meter No. | Calibration Date (07-08) | Calibration Date (08-09) |
|-------|---------------------|-------------------------|-------------|--|-------------------------|--|----------------|-----------------|--------------------------|--------------------------|
| 1 | RR NO. MRB-03-K-131 | Sogi, Bellary | 11 | K121 to K131 | 13750 | Suzlon 66/33 KV Substation at Sogi | 4249306 | 4249312 | 01 October, 2007 | 14 July, 2008 |
| 2 | RR NO. MRB-03-K-140 | Sogi, Bellary | 9 | K132 to K140 | 11250 | Suzlon 66/33 KV Substation at Sogi | 4249330 | 4249308 | 01 October, 2007 | 14 July, 2008 |
| 3 | RR NO. MRB-03-K141 | Sogi, Bellary | 6 | K141 to K146 | 7500 | Suzlon 66/33 KV Substation at Sogi | 4249305 | 4249310 | 01 October, 2007 | 14 July, 2008 |
| 4 | RR NO MRB-03-K147 | Sogi, Bellary | 8 | K147 to K150 & K153 to K156 | 10000 | Suzlon 66/33 KV Substation at Sogi | 4249354 | 4249359 | 01 October, 2007 | 14 July, 2008 |
| 5 | RR NO MRB-03-K-161 | Sogi, Bellary | 6 | K161 to K166 | 7500 | Suzlon 66/33 KV Substation at Sogi | 4249295 | 4249296 | 01 October, 2007 | 14 July, 2008 |
| 6 | RR NO JJK-06 | Jajikalgudda, Davangere | 14 | K167 to K180 | 17500 | Suzlon 66/33 KV Substation at Jajikalgudda | 4249328 | 4249329 | 12 July, 2007 | 17 June, 2008 |
| 7 | RR NO JJK-07 | Jajikalgudda, Davangere | 3 | K181 to K183 | 3750 | Suzlon 66/33 KV Substation at Jajikalgudda | 4249320 | 4249360 | 12 July, 2007 | 17 June, 2008 |
| 8 | RR NO JJK- 08 | Jajikalgudda, Davangere | 4 | K184 to K187 | 5000 | Suzlon 66/33 KV Substation at Jajikalgudda | 4249346 | 4249340 | 12 July, 2007 | 17 June, 2008 |
| 9 | RR NO JJK-05 | Jajikalgudda, Davangere | 13 | K188 to K200 | 16250 | Suzlon 66/33 KV Substation at Jajikalgudda | 4249322 | 4249323 | 12 July, 2007 | 17 June, 2008 |
| 10 | RR NO JMT-05 | Jogimatti, Chitradurga | 1 | K28 | 1250 | Suzlon 66/33 KV Substation at Chitradurga | 4249341 | 4249345 | 12 July, 2007 | 30 July, 2008 |
| 11 | RR NO JMT-03 | Jogimatti, Chitradurga | 3 | K33 to K35 | 3750 | Suzlon 66/33 KV Substation at Chitradurga | 4249362 | 4249363 | 12 July, 2007 | 30 July, 2008 |
| 12 | RR NO. GRHP-01 | GR Halli, Chitradurga | 4 | MSPL7 to MSPL10 | 3800 | NEG MICON 66/33 KV Substation at Chitradurga | 2307542 | 2307543 | 04, January, 2008 | 02 July, 2008 |
| 13 | RR NO. GRHP-08 | GR Halli, Chitradurga | 6 | MSPL11, MSPL12A, MSPL12B, MSPL14 to MSPL16 | 5300 | NEG MICON 66/33 KV Substation at Chitradurga | 4186306 | 4186299 | 08 May, 2007 | 09 July, 2008 |
| 14 | RR NO. GRHP-09 | GR Halli, Chitradurga | 5 | MSPL17 to MSPL21 | 3750 | NEG MICON 66/33 KV Substation at Chitradurga | 4186287 | 4186304 | 04, January, 2008 | 02 July, 2008 |
| 15 | RR NO. GRHP-05 | GR Halli, Chitradurga | 4 | MSPL22 to MSPL25 | 3800 | NEG MICON 66/33 KV Substation at Chitradurga | 4179552 | 4179678 | 04, January, 2008 | 02 July, 2008 |

| | | | | | | | | | | |
|----|-----------------------|------------------------|---|------------------|------|--|---------|---------------------------------|-------------------|---------------|
| 16 | RR NO. GRHP-06 | GR Halli, Chitradurga | 3 | MSPL26 to MSPL28 | 2850 | NEG MICON 66/33 KV Substation at Chitradurga | 4179664 | 4179555 4179679 ¹ | 04, January, 2008 | 02 July, 2008 |
| 17 | RR NO. GRHP-14 | GR Halli, Chitradurga | 2 | MSPL29 to MSPL30 | 1900 | NEG MICON 66/33 KV Substation at Chitradurga | 4186311 | 4186289 | 04, January, 2008 | 02 July, 2008 |
| 18 | RR NO JMT-01 | Jogimatti, Chitradurga | 5 | K23 to K27 | 6250 | Suzlon 66/33 KV Substation at Chitradurga | 4179551 | 4179541 | 12 July, 2007 | 29 July, 2008 |

¹ Check meter no. 4179555 has been replaced with check meter no.4179679 on 16-07-2007.

ANNEXURE 4: SUBSTATION DETAILS

| Suzlon 66/33 KV Receiving Station at Sogi | | | |
|---|-------------|---|--------------------------|
| Owner of WTGs | Meter ID | Connected WTGs | Part of Project Activity |
| KREDL | MRB 03 K151 | KREDL WTGs | No |
| MSPL Ltd | MRB 03 K131 | MSPL WTGs Loc. Nos K121-K131 | Yes |
| MSPL Ltd | MRB 03 K140 | MSPL WTGs Loc Nos K132-K140 | Yes |
| P Vengana Shetty & Brothers | MRB 03 K141 | PVS & Brothers WTGs Loc Nos K141-K146 | Yes |
| Ramgad Minerals & Mines Pvt Ltd (RMMPL) | MRB 03 K147 | RMMPL WTGs Loc Nos K147 to K150 & K153 to K156 | Yes |
| Ramgad Minerals & Mines Pvt Ltd (RMMPL) | MRB 03 K161 | RMMPL WTGs Loc Nos K161 to K166 | Yes |

| Suzlon 66/33 KV Receiving Station at Chitradurga | | | |
|--|----------|-------------------------------------|--------------------------|
| Owner of WTGs | Meter ID | Connected WTGs | Part of Project Activity |
| G.N. Agarwal | KMK-01 | G.N. Agarwal WTGs | No |
| Ferromar Shipping Pvt. Ltd | KMK-02 | Ferromar Shipping Pvt. Ltd. WTGs | No |
| Rajesh Construction Co. | KMK-03 | Rajesh Construction Co. WTGs | No |
| Vandana Ispat | KMK-04 | Vandana Ispat WTGs | No |
| MSPL Ltd | JMT-01 | MSPL Ltd WTGs Loc Nos K23 to K27 | Yes |
| Navalakha Translines | JMT-02 | Navalakha Translines WTGs | No |
| MSPL Ltd | JMT-03 | MSPL Ltd WTGs Loc Nos K33 to K35 | Yes |
| Kariganur Iron & Steel | JMT-04 | Kariganur Iron & Steel WTGs | No |
| MSPL Ltd | JMT-05 | MSPL Ltd WTGs Loc No K28 | Yes |
| Amitronics | JMT-06 | Amitronics WTGs | No |
| Mantri Developers | JMT-07 | Mantri Developers WTGs | No |
| Abishek Exports | JMT-08 | Abishek Exports WTGs | No |
| Jivraj Tea | JMT-09 | Jivraj Tea WTGs | No |
| Sanjana Gryogenics | JMT-10 | Sanjana Gryogenics WTGs | No |

| Suzlon 66/33 KV Receiving Station at Jajikalgudda | | | |
|---|----------|-----------------------------------|--------------------------|
| Owner of WTGs | Meter ID | Connected WTGs | Part of Project Activity |
| MSPL Ltd | JKK-08 | MSPL WTGs Loc No. K184 to K187 | Yes |
| MSPL Ltd | JKK-05 | MSPL WTGs Loc No. K188 to K200 | Yes |

| | | | |
|---|--------|------------------------------------|-----|
| Ramgad Minerals & Mines Pvt Ltd (RMMPL) | JKK-07 | RMMPL WTGs Loc No. K181 to K183 | Yes |
| Ramgad Minerals & Mines Pvt Ltd (RMMPL) | JKK-06 | RMMPL WTGs Loc No. K167 to K180 | Yes |

| NEG Micon 66/33 KV Receiving Station at Chitradurga | | | |
|---|----------|---|--------------------------|
| Owner of WTGs | Meter ID | Connected WTGs | Part of Project Activity |
| MSPL Ltd | GRHP-2 | MSPL WTGs ² | No |
| MSPL Ltd | GRHP-3 | MSPL WTGs ¹ | No |
| MSPL Ltd | GRHP-1 | MSPL WTGs Loc No. MSPL7 to MSPL10 | Yes |
| MSPL Ltd | GRHP-8 | MSPL WTGs Loc No. MSPL11, MSPL12A, MSPL12B, MSPL14 to MSPL16 | Yes |
| MSPL Ltd | GRHP-9 | MSPL WTGs Loc No. MSPL17 to MSPL21 | Yes |
| MSPL Ltd | GRHP-5 | MSPL WTGs Loc No. MSPL22 to MSPL25 | Yes |
| MSPL Ltd | GRHP-6 | MSPL WTGs Loc No. MSPL26 to MSPL28 | Yes |
| MSPL Ltd | GRHP-14 | MSPL WTGs Loc No. MSPL29 to MSPL30 | Yes |
| Ramgad Minerals & Mines Pvt Ltd (RMMPL) | GRHP-4 | RMMPL WTGs ¹ | No |
| Ramgad Minerals & Mines Pvt Ltd (RMMPL) | GRHP-13 | RMMPL WTGs ¹ | No |
| Suresh Productions Pvt. Ltd. | GRHP-7 | Suresh Productions WTGs | No |
| Sanghvi Movers Limited | GRHP-12 | Sanghvi Movers Limited WTGs | No |
| Eswari Knitting Works | GRHP-10 | Eswari Knitting Works WTGs | No |
| Eswari Garments | GRHP-11 | Eswari Garments WTGs | No |
| Eswari Textiles | GRHP-15 | Eswari Textiles WTGs | No |
| Victus Associat | GRHP-16 | Victus Associat WTGs | No |
| Shanmuga Compacts | GRHP-18 | Shanmuga Compacts WTGs | No |
| Bellary Iron Ores Pvt. Ltd. - Chikkappanahally | GRHP-17 | Bellary Iron Ores WTGs | No |
| Jindal Aluminium Ltd. | KHLP-1 | Jindal Aluminium WTGs | No |
| Indian Energy Pvt. Ltd. | KHLP-2 | Indian Energy WTGs | No |
| Pallavi Green Power | KHCD-4 | Pallavi Green Power WTGs | No |
| Savitha Chemicals Ltd - Kunchigandal | KHLP-3 | Savitha Chemicals WTGs | No |
| Mansukmal Investments Pvt. Ltd | KHLP-4 | Mansukmal Investments WTGs | No |
| Karignur Iron Steel Pvt. Ltd | KHLP-5 | Karignur Iron Steel WTGs | No |
| Maris Power Supply Company | GRHP 20 | Maris Power WTGs | No |

² This set of WTGs are not part of the project activity but are included in a separate GHG emissions reduction project.

| | | | |
|---|---------|-------------------------|----|
| – Kunchiganal | | | |
| Maris Power Supply Company - Madhikaripura | GRHP 21 | Maris Power WTGs | No |
| Bellary Iron Ores Pvt. Ltd. - Gonur | GRHP 24 | Bellary Iron Ores WTGs | No |
| Savitha Chemicals Ltd -Gonur | GRHP 23 | Savitha Chemicals WTGs | No |
| S. Kumar - Gonur | GRHP 22 | S. Kumar WTGs | No |
| Ballad & Company Ltd. – Gonur | GRHP 25 | Ballad & Company WTGs | No |
| Elveety Industries Pvt. Ltd. | GRNHP 1 | Elveety Industries WTGs | No |
| Indian Energy Pvt. Ltd. | GRHP 26 | Indian Energy WTGs | No |
| Savitha Chemicals Ltd. | CKS 20 | Savitha Chemicals WTGs | No |
| Lanco Infratech Ltd. | CKS 01 | Savitha Chemicals WTGs | No |
| Prabath Agri Biotech Ltd. | CKS 02 | Savitha Chemicals WTGs | No |

ANNEXURE 5: FUNCTIONS OF GOVERNMENT BODIES

KPTCL

Karnataka Power Transmission Corporation Limited (KPTCL) is a registered company under the Companies Act, 1956 was incorporated on 28/7/1999 and is a company wholly owned by the Government of Karnataka. KPTCL was formed on 1/8/1999 by carving out the Transmission and Distribution functions of the erstwhile Karnataka Electricity Board.

The Power Purchase Agreements for the machines installed in phase I of the project activity are with signed with KPTCL. Joint Meter Readings are carried out by KPTCL officials and representatives of the project promoters. However, the payments against sale of electricity are issued by BESCOM.

UNBUNDLING OF KPTCL INTO ESCOMS

As per Government vide order No. 69 BSR 2001 Bangalore, dated 15/02/2002, four distribution companies were formed to take over the function of distribution of power previously performed by KPTCL. Following this order, KPTCL is vested with the responsibility of transmitting power all over the State and construction and maintenance of Stations and lines of 66KV and above. KPTCL purchases power from various power producers and sells it to the distribution companies.

The four newly formed independent distribution companies, which were registered on 30/04/2002, are Bangalore Electricity Supply Company (BESCOM), Mangalore Electricity Supply Company (MESCOM), Hubli Electricity Supply Company (HESCOM) and Gulbarga Electricity Supply Company (GESCOM). They have started functioning w.e.f. 01/06/2002. These companies are in charge of distribution of power within their jurisdiction.

The Power Purchase Agreements for the machines installed in phase II of the project activity are signed with BESCOM.

SPPCC

The State Power Procurement Co-ordination Centre (SPPCC) is a cell that operated under KPTCL. SPPCC was merged with the Power Company of Karnataka Limited (PCKL), a special purpose vehicle, on 1/09/07 as per Government Order No. EN 138 PPC 2006. SPPCC performed the function of verification and scrutinizing of bills (bill payment statements) for power producers. This function was subsequently transferred to the ESCOMs on September 2007.