

To,  
Sri Ashok Kumar Choudhury,  
Dy. Director (Projects),  
Orissa Renewable Energy Development Agency,  
S-59 Mancheswar Industrial Estate,  
Bhubaneswar - 751 010

Date: 2-June- 2012



Ref: L.NO 1148/OREDA/PD-65/2011 dated 12/04/2012

Sub: Renewable and Co-generation purchase obligation

Dear Sir,

With reference to your letter No: L.NO 1148/OREDA/PD-65/2011 dated 12/04/2012, regarding above subject matter, our replies on various points are as following.

1. Co-Generation Status of power plant: We have already submitted the annual steam flow data to GRIDCO for reconfirmation of the status for the year 2011-12. We are expecting the confirmation from GRIDCO in a few days. We will submit the Co-generation status certificate to you after receipt from GRIDCO.
2. Fund towards purchase of Solar RPO: We have already created an estimated fund of Rs. 44.88 Lakhs for purchasing 374 Nos. Solar REC's @ Rs. 12000 per REC (Maximum REC price). (Proof of Invoice voucher is enclosed as Annexure-1).
3. Installing 1 MW Solar power plant to fulfil Solar RPO: Till now we have installed solar power generation facility as below
  - 10 kW Photovoltaic Solar power pack has been installed to generate power.
  - 5 Nos. Solar Water Heaters have been installed in place of 2000W Gyesers.
  - 100 Nos. 12W, Solar LED street lights (SLSL) have been installed In place of 70 Watt HPSV/HPMV
4. Annual RPO compliance: We have already submitted 2011-12 annual RPO compliance report to OREDA vide our letter dated 07 May, 2012. In this report we have calculated annual energy consumption without considering auxiliary power consumption of Power plant. Hence we have revised the report and the table below shows revised IFFCO's Renewable Energy Obligation for the year 2011-2012.

Power Generation & Consumption details for the year 2011-12

(A). Cogen. Power Generation	392631000 kWh
(B). Auxillary Power Consumption	25329649 kWh
(C). Cogen. Power Export to Gridco	17333000 kWh
(D). Power Import from Gridco	11941000 kWh

Total Annual Energy Consumption by IFFCO– FY 2011-12 for which RPO is applicable

$$(A) - (B) - (C) = 349968351 \text{ kWh}$$

IFFCO Paradeep Unit obligation for the period April-March (2011-12) has been worked out as following.



Year	Total Co-Generation Power Consumption (kWh)	Solar RPO (kWh) <b>0.1% X (1)</b>	Non Solar RPO (kWh) <b>1.2% X (1)</b>	Cogeneration purchase obligation(kWh) <b>3.7% x (1)</b>
2011-12 (April-March)	<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>
	349968351	349968.351	4199620.212	12948828.987

As given in the above mentioned table, the total annual consumption by IFFCO is 349968351 kWh. We have purchased **4498 RECs** against **1.20%** of Non-solar Renewable Energy Sources i.e. 4199620.212 kWh of our total annual consumption of Electricity (349968351 kWh). Kindly refer **Annexure 2** which comprises Obligation reports of the Power Exchange in the month of December 2011, January 2012 & March 2012.

The Gross Co-generation energy consumed by IFFCO is 349968351 kWh from **co-generation plant** against **3.70%** of Co-generation energy Sources i.e. 12948828.99 kWh of our total annual consumption of Electricity (349968351 kWh). The percentage of Co-generation energy consumption amounts to **100% against 3.70% as required by O.E.R.C. Regulation.**

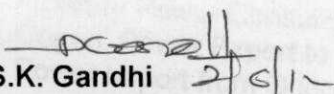
Please refer **Annexure 3**—IFFCO's RPO Compliance Report as prescribed by honourable Orissa Renewable Energy Development Authority.

In line with the above, we would like to request the Orissa Renewable Energy Development Authority to carry forward of our compliance requirement for the Year 2011-2012 of buying Solar RECs to next year i.e. 2012-2013 due to genuine difficulty in complying with the renewable purchase obligation because of non-availability of Solar Renewable Energy Certificates. Also we request the OREDA to carry forward the **298 Nos.** excess purchased **Non Solar RECs** for compliance in the year 2012-13.

IFFCO also request the honourable Orissa Renewable Energy Development Authority to confirm that we are not liable for penalty under section 142 of the Electricity Act 2003 since we are absolutely in line with the O.R.E.C. (Renewable and Co-generation Energy Purchase Obligation and its Compliance) Regulation as referred above.

We look forward for your valuable response.

Your's faithfully,  
For IFFCO Paradeep Unit

  
**S.K. Gandhi**  
**Sr. General Manager**

CC: Chief Executive, OREDA