



सूचना  
का अधिकार



पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड  
Power Grid Corporation of India Limited  
सूचना का अधिकार अभिनियम 2005 के अंतर्गत केन्द्रीय लोक सूचना अधिकारी  
Central Public Information Officer under the RTI Act, 2005  
केन्द्रीय कार्यालय, 'सौदामिनी', प्लॉट नं.2, सैक्टर-29, गुडगांव, हरियाणा-122007  
Corporate Centre, 'Saudamini', Plot No. 2, Sector-29, Gurgaon, Haryana-122007

CP/RTI/2017/580

Date: 26<sup>th</sup> February, 2018

Shri Abhik Kumar Das  
S/o Late Arun Kumar Das  
R/o Flat No 20,  
Shree Awash Apartment (L&T Flats),  
Dwarka Sector 18 B,  
New Delhi – 110 078

Sub: Information under Right to Information Act, 2005.

Sir,

This has reference to your RTI request dated 9<sup>th</sup> February, 2018 for providing information under RTI Act, 2005.

The desired information is attached at **Annexure-I**.

First Appeal, if any, against the reply of CPIO may be made to the first appellate Authority within 30 days of the receipt of the reply of CPIO. Details of Appellate Authority at Corporate Centre, Gurgaon, under RTI Act, 2005 is as below:

Shri Sanjeev Singh,  
Executive Director (CMG) & Appellate Authority  
Corporate Centre, Power Grid Corporation of India Limited  
"Saudamini", Plot No. 2, Sector-29, Gurgaon – 122007, Haryana.  
Email ID: [sanjeev@powergridindia.com](mailto:sanjeev@powergridindia.com)  
Phone No. 0124-2571962

Thanking you,

भवदीय,

(अजय होलानी)

अपर महाप्रबंधक (के.आ.) एवं के.लो.सू.अधिकारी

Email ID: [cpio.cc@powergrid.co.in](mailto:cpio.cc@powergrid.co.in)

Our reply to RTI

**Question 1.** Please provide the details about the REMC Project Timeline to implement the same?

Ans-1:

Following Packages are envisaged for REMC Project for 11 locations

- REMC-SR (Tamil Nadu, Andhra Pradesh, Karnataka SLDCs & SRLDC).  
Time line : Completion 15 months from the date of issue of Notification of Award; 29.09.2017.
- REMC-WR (Gujarat, Maharashtra, Madhya Pradesh SLDCs and WRLDC) Time line : Completion 15 months from the date of issue of Notification of Award; 29.12.17.
- REMC-NR (Rajasthan SLDC, NRLDC and NLDC) Time line : Completion 15 months from the date of issue of Notification of Award; 12.02.18.

**Question 2.** Please provide the details about the REMC Project fund allocation by GOI as well as Foreign Government or Organisation?

Ans- 2:

Funding through Ministry of Power, Government of India.

**Ques-3:**(i) *How REMC ensure that all FSPs are different. Please provide all notes and details for the same?*

Ans-3(i)

As per the bidding document of REMC, contractor shall have to engage three (3) nos. of Forecasting service provider (FSP) to provide RE generation (wind & solar) power forecast. Each of the FSP shall be evaluated for its forecast accuracy and after 2 years only top 2 performing FSPs shall be continued for further services.

**Ques-3:** (ii) *If any one of the FSP uses same Weather Forecast Data from same WSP even at a single pooling station, the REMC is system will be self-biased? If any one of the FSP uses same weather forecast data from same WSP even at a single pooling station, the REMC is system will be self-biased loop. How REMC will ensure that the weather forecast of FSP and weather forecast of WSP to REMC are different otherwise REMC is a self-biased system? Please provide the detailed process, notes which PGCIL has taken to overcome such issue.*

**Ques-6:** *In the loop system as previously described in different scenarios, the inputs at different nodes remains same/similar and ultimately same forecast is getting combined in the forecasting tool hence the error percentage will propagate in the system without any scope of minimization of the error which is a self-biased error, how REMC will minimize its self-biasedness as this error will affect the proper grid management? Please provide the detailed process, notes which PGCIL has taken to overcome such issue*

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**Ques-7.** *If REMC with three FSPs is a self-biased system with loops, then how REMC can ensure that integration of RE generation for safe, secure and optimal operations of the overall Indian grid? Please provide the detailed process, notes which PGCIL has taken to overcome such issues & problem?*

Ans-6 &7:

RE forecasting tool has got multiple inputs from various FSPs & WSP, SCADA generation data, weather input, historical data which are processed in its combiner & aggregator module to produce a optimal forecast. It has got multiple power forecast(s) inputs, internal forecasting module output as well as its own algorithm, real time SCADA data etc. to produce a forecast, to avoid to be a self-biased system.

The forecast accuracy performance at REMC shall be collective effort considering all the technical parameters and skill sets of F & S algorithms.