LDVC/CTU

Abhik Kumar Das
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RTI APPLICATION FORM

To,
The Public Information Officer
Sh. Ajay Holani
Additional General Manager (CP)
Corporate Centre, Power Grid Corporation of India Limited,
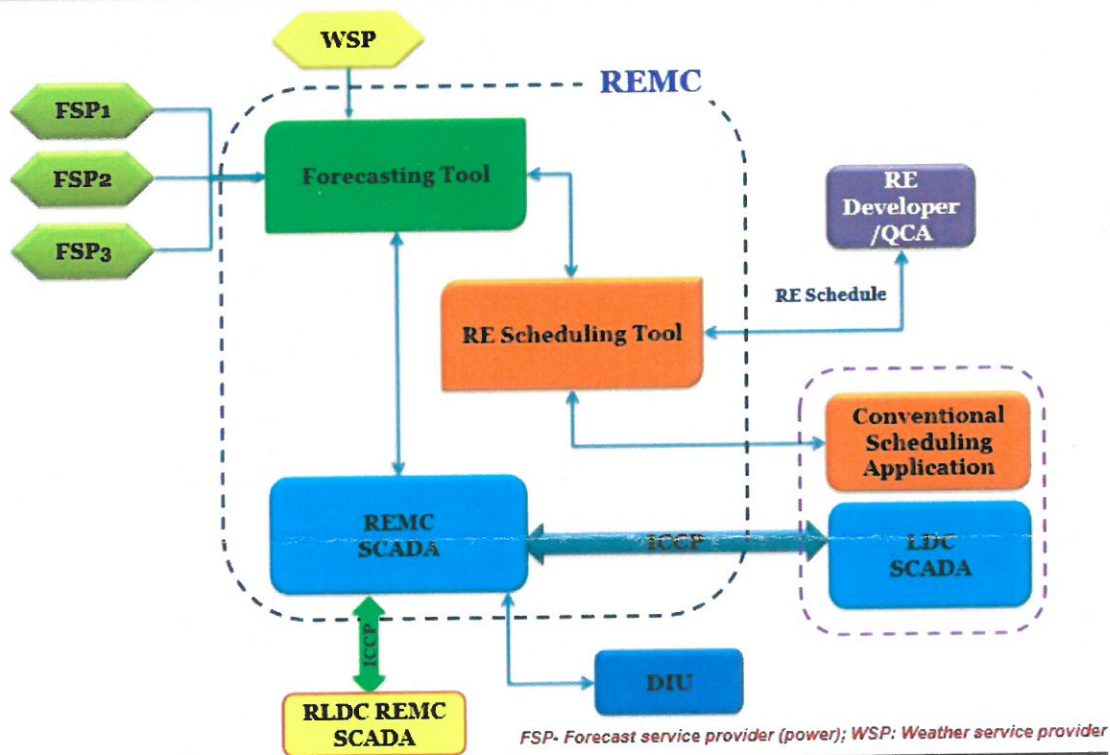Saudamini, Plot No. 2, Sector-29,
Gurgaon - 122001

Kind Attn: Public Information Officer

Subject: Request for Information under Right to Information Act 2005 – Renewable Energy Management Centers

Sir,

I, Sri Abhik Kumar Das Son of Late Arun Kumar Das residing at Flat no 20, Shree Awash Apartment, (L&T Flats) Dwarka Sector 18B, New Delhi 110078, mobile number: 8750324903 wish to seek information as under
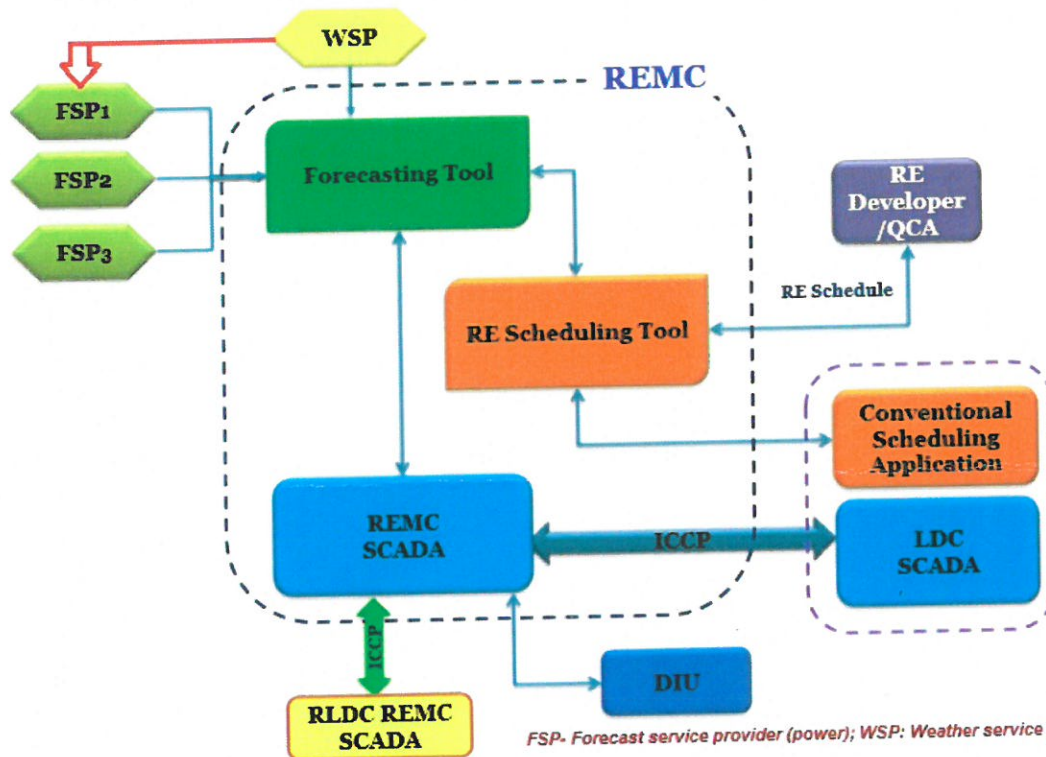
1. Please provide the details about the REMC Project timeline to implement the same?
2. Please provide the details about the REMC Project fund allocation by GOI as well as Foreign Government or organisation?
3. As per the definition of REMC it is equipped with Forecasting and scheduling tools & Real Time Monitoring of RE generation for safe, secure and optimal operations of the overall Indian grid. The schematic representation of REMC is as follows:

REMC Architecture

FSP- Forecast service provider (power); WSP: Weather service provider
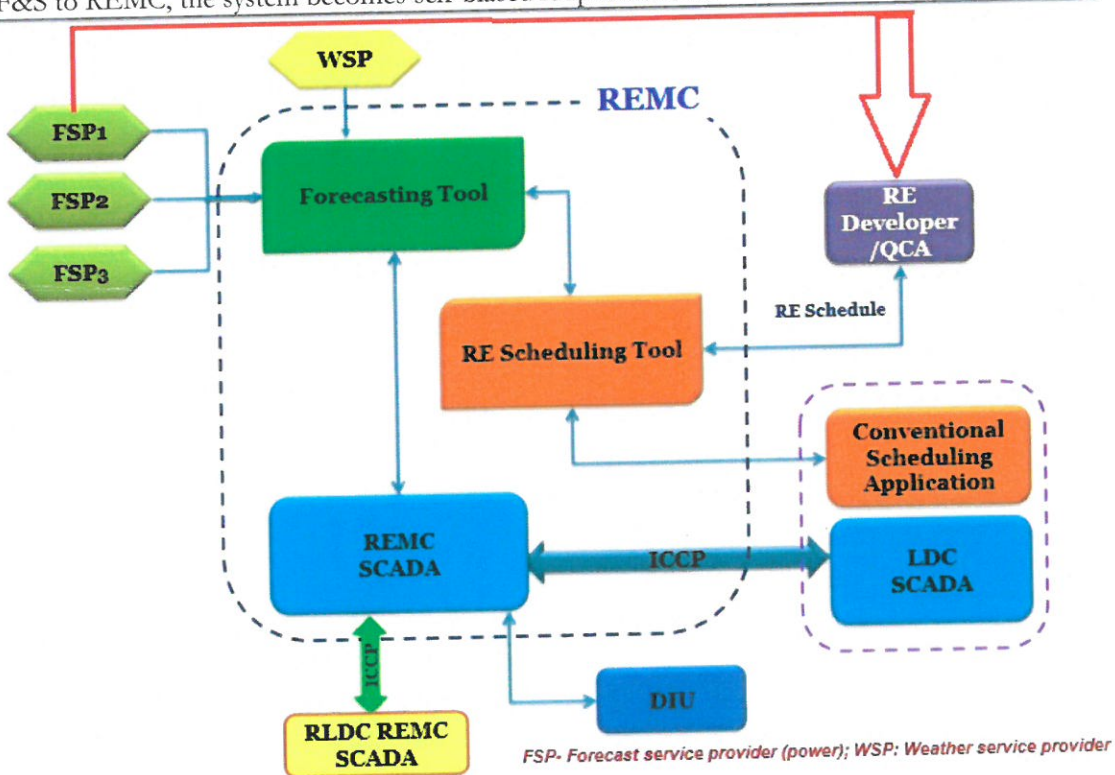
The question is as follows:

I.   How REMC ensures that all FSPs are different. Please provide all notes and details for the same.

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 loop as follows:

Flat no 20, Shree Awash Apartment (L&T Flats) Dwarka Sector 18B, New Delhi 110078

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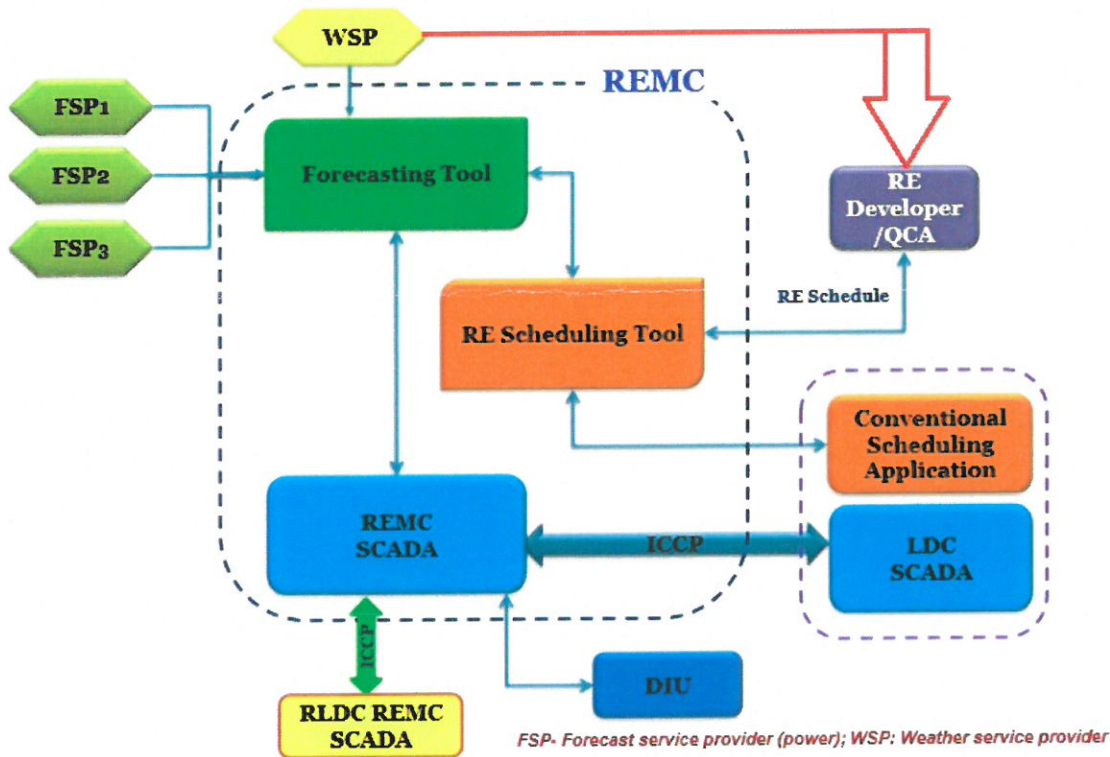FSP- Forecast service provider (power); WSP: Weather service provider

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 PGCL has taken to overcome such issue.

4. If the Forecasting & Scheduling even at a single ISTS Pooling station is done by any one of the FSP which also gives F&S to REMC, the system becomes self-biased loop as follows:

FSP- Forecast service provider (power); WSP: Weather service provider

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How REMC will ensure that the FSP at REMC and FSP for the ISTS pooling station(s) are different otherwise REMC is a self-biased system? Please provide the detailed process, notes which PGCL has taken to overcome such issue. Please provide the detailed process, notes which PGCL has taken to overcome such issue.

5. If the RE forecasting and scheduling tool at any single ISTS pooling station uses the same Weather Forecast services of WSP, then the REMC system becomes self-biased loop as follows:

FSP- Forecast service provider (power); WSP: Weather service provider

How REMC will ensure that the Weather Forecast at REMC and Weather Forecast for the ISTS pooling station at level are different otherwise REMC is a self-biased system? Please provide the detailed process, notes which PGCL has taken to overcome such issue.

6. In the loop system as previously described in different scenarios the input at different nodes remains same/similar and ultimately same forecast is getting combined in the forecasting tool hence the error 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 PGCL has taken to overcome such issue.

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 PGCL has taken to overcome such issue & problem.

I hereby inform that following formalities have been completed by me:

1. That I have deposited the requisite fee of Rs. 10/- by way of Postal Order 08F 334728 favouring PGCIL dated 28/12/2017

2. That I am 'Citizen' of India and I am asking the information as 'Citizen'.

3. I assure that I shall not allow/ cause to use/ pass/share/display/ or circulate the information received in any case and under any circumstances, with any person or in any manner which would be detrimental to the Unity and Sovereignty or against the Interest of India.

Signature of the Applicant
Dated: 01/02/2018