

Record Notes of
The Review meeting on RPO compliance by Obligated Entities in the State of Assam and
Presentation on Generic RPO Web tool under USAID

A review meeting on Renewable Purchase Obligation (RPO) compliance by obligated entities was held on 27th February, 2018, at the Assam Administrative Staff College (AASC), Guwahati in presence of Shri Subhash Chandra Das, IAS (Retd.) Hon'ble Chairperson, AERC and Shri Dipak Chakravarty, Hon'ble Member, AERC.

The list of participants who attended the meeting is appended at **Annexure – 1**.

At the outset, Shri S.C. Das, Chairperson, AERC, welcomed the participants representing different obligated entities (OEs). Addressing the participants, Shri Das informed that the State Electricity Regulatory Commissions has specified the quantum of energy to be purchased from Renewable Energy (RE) sources for the OEs in the AERC (RPO and its Compliance) Regulations, 2010 as amended from time to time. Shri Das further informed that the meeting was called with two purposes – to review the RPO compliance by the obligated entities within the State till date and to discuss the proposal for deployment of Generic RPO Web tool in the State of Assam, which will serve as an online RPO Compliance Monitoring System for the obligated entities. He then requested Shri D. Chakravarty, Hon'ble Member, AERC to brief the participants on the proposed Generic webtool.

Speaking on the occasion, Shri D. Chakravarty explained that the RPO compliance monitoring is crucial to ensure that the RPO targets are met and non-compliance is brought to the notice of the regulators for necessary action. The RPO compliance and monitoring can be further reinforcement through introduction of IT enabled web based efficient framework for RPO compliance monitoring and reporting.

Shri Chakravarty informed that the U.S.-India bilateral Partnership to Advance Clean Energy - Deployment (PACE-D) Technical Assistance (TA) Program developed a RPO compliance monitoring and reporting web tool for Rajasthan in 2017. After successful implementation of the web tool in Rajasthan, the Forum of Regulators (FOR) during the 51st meeting acknowledged the importance of the tool and emphasized development of standard “Implementation of Framework on RPO Compliance monitoring and reporting at the State Level”, which would ensure a systematic database of information on RPO compliance by OEs across India. Subsequently under the guidance of the FOR's Technical Committee, developed the Generic RPO web tool. This tool, when adopted by the States, will help in removing the regulatory ambiguity surrounding RPO compliance by various OEs, and ensure effective RPO compliance management.

Thereafter, Hon'ble Chairperson requested the concerned official from Idam Infra, Shri Lalit Chaturvedi engaged in development of the web based tool for Assam to make a presentation on the fundamentals of the tool.

Shri Chaturvedi explained that the tool is designed to facilitate all relevant stakeholders to provide reliable compliance reporting platform to share compliance information in a transparent manner for all OEs, to ensure monitoring by State Agencies and facilitate timely enforcement actions by the Regulators in case of shortfalls or non-compliance by the OEs. The essentials and formats of the proposed web tool were discussed at length. A live demonstration on the functioning of the web tool was also made.

A number of queries were asked by the participants relating to the RPO web tool and the following important information was shared:

- a) SLDC or APDCL as designated by the Commission will be the master administrator and implementing agency. SLDC or the Chief Electrical Inspector will be the verifying agencies. The verifying agencies will be provided with unique login ids. The implementing and verifying agencies will be able to email and notify all the OEs with a click of a button.

- b) The web tool would consist of an informative dashboard with current energy consumption status, status of OE and compliance report of OEs for running Financial Year.
- c) The web tool provides more than five (5) customised report formats for easier data analysis.
- d) Every OE would have access to their own customised platform only for updating information relating to RPO/ RECs.
- e) Any mistake in data once entered by the OE and accepted by the system can be corrected only after due permission from the verifying agency and approval from the master administrator. Therefore, the OEs have to be careful while updating data into the system.
- f) The webtool to be developed for the State is available at a marginal price of approximately Rs 5:00 lakhs.
- g) Assistance would be provided in deployment of Generic RPO Web tool with necessary configurations as per AERC's RPO Regulations on Implementing Agency's server, including compliance of security audit of the source code as per State's requirements, and complete knowledge transfer of source code to IT team;
- h) One training session to be conducted for the key stakeholders including personnel from Obligated Entities, AERC, Implementing Agency, verifiers and others users, if any. Further, offline support shall be made available for OEs for data update for one quarter after successful deployment of the Web tool;
- i) Maintenance support shall be provided for Source Code for a period six months to the Implementing Agency
- j) The Program has successfully assisted the States of Gujarat and Andhra Pradesh in implementation of Generic RPO Web Tool.

Chairperson requested the State Nodal Agency (APDCL) to make a presentation on status of compliances of RPO by obligated entities.

On behalf of the State Nodal Agency, a presentation was made by Mr Pradeep Baishya AGM, (APDCL) on status of compliances of RPO by obligated entities. The following points were highlighted during the presentation:

Trajectory and RPO compliance of APDCL:

Particulars	Unit	Quantum (2016-17)	Quantum (2017-18) (upto jan18)
Total sale (Ex Hydro)	MU	4589.509	3645.023
Total Solar RPO	MU	45.895	145.801
Total Solar Buy	MU	50.330	43.075
Solar Gap	MU	-4.435	102.726
Total Non Solar RPO	MU	137.685	182.251
Total Non Solar Buy	MU	203.350	88.289
Non Solar Gap	MU	-65.665	93.962

Then Chairperson asked the obligated entities to provide the status of RPO compliance and their planning for the same.

The status as mentioned by the representative of consumers owning CPP along with comments of Commission is given below:

SL. No	Name of the Organization,	Status (2016-17)	Status (2017-18)
1	IOCL Guwahati Refinery	FY2016-17 is already complied.	FY 2017-18 is in process.
2	IOCL Bongaigaon Refinery	FY2015-16 already complied. 2016-17 and 2017-18 Self Retention is in process. Requested for time extension for another 6 months.	
3	IOCL Digboi Refinery	FY2015-16 already complied. 2016-17 and 2017-18 Self Retention is in process. Requested for time extension for another 6 months.	
4	Hindustan Fertilizers corporation Ltd. (BVFCL)	Not complied till date and requested for additional time. The fund by selling Escerts certificates will be utilized against RPO compliance. Requested for time extension upto 31 st May, 2018.	
5	HPCL Nagaon Mill & Jagirroad	They mentioned that they have got a special type of CPP where two broilers are there, one uses Coal as fuel and the other uses Black Liquor (which is claimed as RE source by HPCL) as a fuel. Therefore, they requested exemption for the portion of power generated through the RE fuel. plant is shutoff from Mar, 2017 and Requested for waive off of past RPO compliance.	
6	BCPL	They submitted that the CPP is very new and they will be trying to fulfil the RPO and will submit a compliance report. The RECs required are 7794 non solar and 2226 Solar. Requested for time extension upto 31 st May, 2018.	
7	OIL Duliajan & Moran	FY2016-17 is already complied.	FY 2017-18 is in process.
8	ONGC Assam Assets	2016-17 and 2017-18 is in process.	
9	NRL	2016-17 and 2017-18 is in process.	

The status as mentioned by the representative of OA consumers along with comments of Commission is given below:

SL. No	Name of the Organization,	Status (2016-17)	Status (2017-18)
1	Cement Manufacturing Company Limited	FY2016-17 is already complied.	FY 2017-18 is in process.
2	Calcom Cement India Ltd, Sankardev Nagar	FY2016-17 is already complied.	FY 2017-18 is in process.
3	Calcom Cement India Ltd ,Umrangshu	FY2016-17 is already complied.	FY 2017-18 is in process.

4	Barak Valley Cements Ltd	FY2016-17 is already complied.	FY 2017-18 is in process.
5	The Assam Tubes Limited	FY2016-17 is already complied.	FY 2017-18 is in process.
6	Burakia	Will try to comply by 31/03/18.	
7	Ferra Tech	2016-17 is already complied; 2017-18 is in process.	
8	B R metaliks	FY2016-17 is already complied.	FY 2017-18 is in process.
9	Vision metaliks	FY2016-17 is already complied.	FY 2017-18 is in process.
10	K D Iron	FY2016-17 is already complied.	FY 2017-18 is in process.
11	Purbanchal cement	For FY2016-17, RECs purchased but the compliance is not fulfilled.	2017-18 is in process.
12	Premier Cryogenics	For FY2016-17, RECs purchased but the compliance is not fulfilled.	2017-18 is in process.
13	Shree Shyam Ispat	For FY2016-17, RECs purchased but the compliance is not fulfilled.	2017-18 is in process.
14	K D Cements	For FY2016-17, RECs purchased but the compliance is not fulfilled.	2017-18 is in process.

IOCL Bongaigaon Refinery requested additional time for another 6 months for self retention of RECs. The Commission granted time upto 31st September, 2018.

BVFCL & BCPL requested additional time upto 31st may, 2018 for procurement of RECs for fulfilment of RPO compliance, the Commission granted time upto 31st may, 2018.

The Commission took serious note on the absence of any representative of some of the Obligated Entities in the meeting. They have also not submitted any status report on RPO. They are advised to attend such meetings in future and submit due status report to the Commission.

No other matter came up for discussion. The meeting ended with a Vote of Thanks to and from the chair.

(S.K Roy)

Secretary,
Assam Electricity Regulatory Commission

List of participants who attended the meeting on RPO Compliance

1. Rajan Kr. Jha, Deputy manager, Calcom Cement
2. Nawal Singh, Asst. Manager, Star Cement Guwahati
3. K. Uday Gaud, Deputy manager, Calcom Cement
4. Geetali Kalita, Numaligarh Refinery
5. Hemanta Neog, DGM (P & U), Numaligarh Refinery
6. R. Kotoki, Chief GM, Oil India Ltd. Duliajan
7. Jayanta Bordoloi, Oil India Ltd. Duliajan
8. Ibha Kalita, DGM, Oil India Ltd. Duliajan
9. Saroj Kr. Deka, GM, Oil India Ltd. Duliajan
10. P.K. Chanda, NPM, Jagirroad
11. Raymond Carey Diengodh, Indian Oil Corporation Ltd. (Assam Oil Division.), Digboi
12. Sugat Mittal, Indian Oil Corporation Ltd. (Assam Oil Division.), Digboi
13. Saurabh Agarwala, Indian Oil Corporation Ltd. (Assam Oil Division.), Digboi
14. Dipesh Ch. Das, SLDC, AEGCL, Kahilipara
15. M. K. Deb, BVFCL, Namrup
16. A K Ghosh, BVFCL, Namrup
17. P. Surendra Babu, BVFCL, Namrup
18. Pran Nath, BVFCL, Guwahati
19. Santanu Kar, ONGC, Najira
20. Dipak Medak, BVFCL, Namrup
21. S.K.Nath, BCPL Dibrugarh
22. A. Baruah, BCPL Dibrugarh
23. R. Dey, Barak Vally Cement Ltd, Badarpur
24. J. Chakravarty, CPM
25. A. Baruah, Guwahati Refinery
26. Muthu Kumar's, Bongaigaon Refinery
27. Arup Kr. Choudhung, Guwahati Refinery
28. Lalit Chaturvedi, Idam Infra
29. Nirmal Singh, IDAM
30. Pradeep kr. Baishya, AGM, Bijulee Bhawan
31. Paragjyoti Kalita, DM, Bijulee Bhawan
32. Atul Boro, AGM, Bijulee Bhawan
33. Bonita Das, AM, Bijulee Bhawan
34. Ramendra Choudhary, DGM, Bijulee Bhawan
35. Pankaj Bhuyan, CGM(Com), APDCL
36. Zakir Ahmed Choudhary, SLDC, Bijulee Bhawan
37. S. K. Dutta, Premier Cryogenics
38. Jiban Ch. Sarma, Premier Cryogenics
39. Biswajit Nath, Manager, CPM
40. S. Das, DGM, IOCL Bongaigaon
41. Vijay Kumar, Assam Tubes Ltd.