



ASSAM ELECTRICITY REGULATORY COMMISSION

FILE NO. AERC. 453/2014

Petition No.: 06/2016

ORDER SHEET

19.08.2016

Before the Assam Electricity Regulatory Commission
ASEB Campus, Dwarandhar,
G. S. Road, Sixth Mile, Guwahati – 781 022

Airports Authority of India (AAI) ----- Petitioner
Assam Power Distribution Company limited (APDCL) -----Respondent-1

Representative for Petitioner:

Mr. K M Noorjahan, DGM, AAI
Mr. U K Brahma, AGM, AAI
Mr. M I Ahmed, Manager, AAI

Representative for Respondent:

Mr. K Talukdar, APDCL

In the matter of

Hearing dated 19.08.2016 on the Petition No. 06 of 2016 filed by Airports Authority of India (AAI) requesting for relaxation of the condition "Restriction of 40% of the contract demand" under clause 7.3 of AERC (Grid Interactive Solar PV systems), Regulation, 2015.

CORAM

Shri Naba Kr. Das Chairperson
Shri Dipak Chakravarty, Member
Shri Subhash Ch. Das, Member

ORDER

1. A Hearing was held on 19th August, 2016, on the Petition No. 06 of 2016 filed by Airports Authority of India (AAI) requesting for relaxation of the condition "Restriction of 40% of the contract demand" under clause 7.3 of AERC (Grid Interactive Solar PV systems), Regulation, 2015.
2. The representative of the Petitioner (AAI) made a brief presentation highlighting salient points raised vide the Petition No 06 of 2016.
3. The petitioner requested the Commission for relaxation of the capping of 40% of the Contract demand and briefed that the maximum of the generation will be used for self consumption and rest will be evacuated to the Grid through the transformer of Dibrugarh Airport to 33 KV transmission line.
4. AAI, Civil Aviation under MOU with Govt. of India is obliged to install solar generation plant at North east. Budget for the installation of 725kwp Solar PV Plant by the AAI is already allocated for Dibrugarh Airport. They have decided the capacity of the plant as 725 Kwp based on the area available on the rooftop of Dibrugarh Airport.
5. The representative of the Respondent prayed that the Commission should look into the technical difficulties of the distribution network and the reverse power flow in case of excess injection into the Transformers. The representative of Respondent also mentioned that, amending the Regulation may adversely affect the distribution network System.

The Commission heard both the Petitioner & Respondent and ordered the following:

- The matter is heard on the prayer of specific developer and no amendment of AERC (Grid Interactive Solar PV systems), Regulation, 2015 is proposed at present.
- The solar generation from the plant is likely to be around 70% of the installed capacity of 725Kwp. The installed plant of 725 Kwp is equivalent to around 70% of the Contract demand of Dibrugarh Airport. The distribution system is capable enough to handle the excess power after consumption by Dibrugarh Airport which may be injected into the 33KV system and relaxation can therefore be considered subject to the technical feasibility and safety measures as the 33/11 KV, 2 MVA Transformer is dedicated for AAI, Dibrugarh Airport.
- The Petitioner to submit the DPR within 15 days, both to the Commission and to the respondent.
- The Commission also directed both the Respondent and the Petitioner to have one joint site visit to the Dibrugarh Airport with one official from AERC and AEGCL for the examination of the Technical feasibility of the Solar PV system with the Grid. The site visit should be conducted prior to next date of hearing.

The matter is posted for further submission of DPR by the AAI and joint site visit report before final disposal. The next date of hearing is fixed on 19-09-2016 at 11 am.

Sd/-
(Subhash Ch. Das)
Member
AERC

Sd/-
(Dipak Chakravarty)
Member
AERC

Sd/-
(Naba Kumar Das)
Chairperson
AERC