

UTTAR PRADESH ELECTRICITY REGULATORY COMMISSION

Forecasting, Scheduling and Deviation Settlement of Solar and Wind Generation Sources, 2020, Date: 18.03.2020

Sl. No.	Description	Summary
1.	Roles and Responsibilities of the Qualified Coordinating Agency (Qca)	The QCA shall have the capability to provide real time monitoring systems or equivalent systems for seamless flow of information to and from SLDC and RLDC in order to facilitate scheduling, revision of schedule, intimation of outages / grid constraints etc.
2.	Role of SLDC	<ul style="list-style-type: none"> The SLDC shall be responsible for forecasting scheduling, communication and coordination with QCA. The SLDC shall undertake aggregate forecasting of solar/wind power expected to be injected into the state grid. Forecasting of the generation done by the SLDC shall be available on the website of the SLDC. The SLDC shall be responsible for processing the interface meter data and computing the net injections by each QCA, and accordingly prepare pooling station-wise DSM account.
3.	Metering, Data collection and data Communication	Interface Energy Meters - ABT Compliant, AMR, compatible with UPSLDC energy accounting software EASS. Interface meters shall be installed by the State Transmission Utility as per CEA Metering Regulations, 2006 and amendments thereof for energy metering.
4.	Scheduling and Despatch	<ul style="list-style-type: none"> The QCA shall provide forecasting (along with .generator wise breakup for the wind/solar generating Plants connected to pooling substation to Revision in schedules of QCA for each of its pooling station(s) for selling power through collective transactions shall not be allowed SLDC. In the event of contingencies, transmission constraints, congestion in the network, threat to system security, the transactions of QCA for its pooling station(s), already scheduled by SLDC, may be curtailed as per provisions of UPERC Grid Code for ensuring secure and reliable system operation.
5.	Deviation Settlement and Energy Accounting	The weighted average of the "Fixed rate" of the generators of QCA shall be considered as "Fixed rate" of QCA for computation of deviation settlement. Any transaction of interstate along with intra state transaction of Solar/Wind Power plants /QCA of concerned plants/QCA will be covered or regulated as per provisions of CERC DSM Regulations 2014 and amendments thereof.
6.	Payment security	The RE (solar and wind) QCA shall submit the payment security as following :- <ul style="list-style-type: none"> Solar QCA : Rs 10,000/- per MW Wind QCA : Rs 20,000/- per MW
7.	Application of Losses and Charges	Transmission charges and losses for State Transmission Network shall be applicable as determined by the Commission from time to time.
8.	SLDC Fee & Charges and other charges	SLDC fee and charges including scheduling and operating charges shall be payable by QCA or RE (Solar and Wind) Generator, as the case may be, as specified in the Uttar Pradesh Electricity Regulatory Commission (Procedure, Terms & Conditions for payment of Fee and charges to State Load Despatch Centre and other related provisions) Regulation,2004 as amended from time to time.
9.	Consequences for Event of default	If day ahead schedule is not provided by the RE (Solar and Wind) Generator/QCA up to prescribed time then the last schedule for those non submission days shall be considered as the schedule for that day and DSM charges shall be computed accordingly.