

has not provided any data to establish that some generators in the State are continuously / permanently indisciplined and impacting the grid stability.

In the data submitted by the APSLDC, the percentage absolute errors of each generator under a pooling station are simply added and arrived at as the pooling station-wise forecast error as though the deviations are always either positive or negative, which is not correct. In the realtime, the net deviations (resultant of the positive and negative deviations) only will reflect at the pooling station level. As contended by some of the objectors, based on the data furnished, APTransco / APSLDC could not justify their contention that the indiscipline to grid caused by a few generators is shared and spread over to among all generators in the virtual pool.

However, the Commission notes that the provision of Virtual pool suggested in the FOR Model Regulations is not adopted by the other RE rich State Commissions except by the KERC, where the pooling concept is allowed under the definition of "Aggregator".

As earlier referred, FOR Model Regulations, inter-alia, stated that a tighter tolerance band, with the framework of aggregator (QCA) at pooling station, 10% accuracy is quite achievable.

There is no gainsaying of the fact that the forecasting accuracy increase if only the individual generator is made liable for the deviation in the forecast by all together dispensing with forecasting at the pooling station by QCA. However to start with, when the Regulations were framed, this Commission has allowed the concept of virtual pooling as an option as forecasting has not properly evolved at that time. Post Regulation, QCAs have been established and a proper forecasting system has come in to existence. This apart, the VRE Generators have got well acquainted with the weather conditions in the state and gained rich experience in forecasting in the State. Thus, the conditions as they stood when the Regulations were made in 2017 have undergone a qualitative change on the aspect of forecasting. However the Commission feels that a sudden change in the deviation settlement from virtual pool concept to an individual generator stage is not desirable. Further, the point of entry of the pooled VRE generation into the grid and possible first point in the grid that encounters the effect of deviations, is the pooling station or the substation as the case may be. Therefore, as a via media, this Commission, for the present, intends to allow aggregation at pooling station level instead of restricting to individual level, as also being followed in all other RE rich states such as Tamilnadu, Gujarat, Rajasthan and Maharashtra. As per this, deviations of all generators connected to a pooling station / substation will be settled accordingly. As a consequence the

definition of the phrase of virtual pooling at clause 2.1 (aa) and clause 6.9 of the Regulation stands deleted. All the points are accordingly answered as above.

30. The Hon'ble High Court at Amaravati in its Order dated 6.03.2020 in W.P.No.13860 of 2019 filed by certain wind power developers gave the following direction,

"In such view of the matter, subject to filing of the reply to the applications in I.A.No.1 and 3 of 2020, this Court is of the opinion that it would be appropriate to issue the following directions for the present, in the interest of justice:

- (a) The application in I.A.No.2 of 2020 seeking amendment is hereby allowed. Amendment be incorporated within a period of three working days. Until further orders in I.A. Nos. 1 and 3 of 2020, the petitioners are at liberty to submit their objections / suggestions to the proposed amendments in addition to those, if any submitted, for examination of the A.P. Electricity Regulatory Commission;*
- (b) on receipt of such objections/suggestions, the 2nd respondent / Commission would examine the same and take appropriate decision; and*
- (c) the decision, if any, so taken for amending Regulation No.4 of 2017, shall not be given effect to pending further orders in the Writ Petition."*

31. In the light of the above order, this Commission refrains from giving effect to the amendments allowed in this order pending further orders in W.P.No.13860 of 2019. The parties shall inform the result of the Writ Petition to this Commission on its disposal. The Commission will then pass appropriate orders for implementation or otherwise of this Order depending upon the result of the Writ Petition.

The O.P. shall accordingly stand disposed of.

Sd/-
Thakur Rama Singh
Member

Sd/-
Justice C.V. Nagarjuna Reddy
Chairman

Sd/-
P. Rajagopal Reddy
Member