

BEFORE THE GUJARAT ELECTRICITY REGULATORY COMMISSION

GANDHINAGAR

Petition No. 2435 of 2025

In the Matter of:

Petition to devise a mechanism to implement this Ld. Commission's Tariff Order No. 05 Of 2024 dated 31.08.2024 by relaxing the requirement to install remote terminal unit at each Wind Turbine Generator.

And

IA No. 03 of 2025 in Petition No. 2345 of 2025

In the Matter of:

Application for urgent Listing/Hearing on behalf of the Applicant along with supporting Affidavit and Declaration.

Petitioner : KP ENERGY Limited

Represented by : Ld. Adv. Mr. Purusharth Singh and Adv. Karmit Sheth

Vs.

Respondent. : Gujarat State Load Dispatch Centre

Represented by : Ld. Adv. Ms. Ranjith Ramachandran along with Mr. Parag Parmar and Mr. Bhargav Mehta

CORAM:

**Anil Mukim, Chairman
Mehul M. Gandhi, Member
S. R. Pandey, Member**

DAILY ORDER

Date: 17/01/2025

1. The present Petition filed by the Petitioner seeking following reliefs:
 - 1.1. Admit the present Petition.
 - 1.2. For WTGs which have the technical capability to provide the requisite data which an RTU would ordinarily provide, the Commission may permit the Petitioner to enhance its existing Supervisory Control and Data Acquisition ("SCADA") at each WTGs to provide all requisite data parameters without an RTU i.e. an *Alternate Compliance Mechanism* to SLDC via SCADA.
 - 1.3. To decide and direct to the SLDC to allow the Petitioner to install and commission WTGs of the Petitioner as an interim arrangement by providing the data required by the SLDC through SCADA system instead of installation of RTU from each WTG for real time data require by the SLDC till the final disposal of the present petition.
 - 1.4. Pass any such order as the Commission deems appropriate in consideration with the facts and circumstances of the present case.
2. The facts stated in Petition in brief as under:
 - 2.1. The Petitioner is a company incorporated under the provisions of the Companies Act, 2013 and is, *inter alia*, engaged in the business of developing operating and maintaining renewable energy projects across the country.
 - 2.2. The Respondent is the state load dispatch center constituted by the State Government in terms of Section 31 of the Electricity Act, 2003 to ensure integrated operation of the energy infrastructure of State of Gujarat.
 - 2.3. The Petitioner is the developer for 28.6MW wind power project located at Vagra, Bharuch, Gujarat ('Project') proposed to inject power in 66kV substation of GETCO in terms of Power Purchase Agreement ('PPA') dated 25.01.2024 executed between the Petitioner and Gujarat Urja Vikas Nigam Ltd. ('GUVNL').

- 2.4. The GUVNL had issued Request for Selection document bearing RfS No. GUVNL/Competitive/500/MW/Wind dated 15.06.2017 (**'RfS'**) inviting bids for procurement of 500 MW Wind Power through Competitive Bidding (followed by e-reverse auction) from grid connected Wind Power Projects to be set up in the State of Gujarat.
- 2.5. Pursuant to the above RFS, the Petitioner participated in the bidding process and was selected as the successful bidder for development of the Project by way of GUVNL's Letter of Intent (LOI) culminating into Power Purchase Agreement dated 24.01.2018, the same was amended and replaced by a fresh Power Purchase Agreement dated 25.01.2024 (**"PPA"**) duly approved by the Commission vide Order dated 25.09.2024 in Petition No. 2332/2024. The same was executed between the Petitioner and GUVNL, whereby the Petitioner is required to develop and operate the Project, and supply electricity generated therefrom to GUVNL at the tariff of Rs 2.43/- per unit for a period of 25 years from the date of commissioning of the Project. It is further submitted that as per the provisions of the PPA, the Scheduled Commercial Operation Date (**'SCOD'**) of the Project is 25.01.2025.
- 2.6. Thereafter, the Commission passed Order No. 05 of 2024 dated 31.08.2024 for Tariff Framework for procurement of power by Distribution Licensees and others from Wind Power Projects commissioned during the control period of 06.06.2022 up to 31.03.2027.

2.7. It is submitted that the Commission at Para 2.7.3 of the said Wind Tariff Order 2024 has held that the Wind Power Project Developers shall install RTU at the PSS as well at every individual WTG at their own cost for transferring the real time data to SLDC for its monitoring purpose, and in accordance with the orders passed by the Commission from time to time. That the object of the same is to collect five parameters of data from each WTG – (i) MW, (ii) MVAR, (iii) Voltage (R-Y Phase), (iv) Frequency, and (v) Circuit Breaker Status (Double Point).

2.8. In view of the SCOD, the Petitioner has already procured WTGs from various entities prior to the promulgation of the Wind Tariff Order and hence, the requirement of RTUs at every WTG will come at an immense cost and peril of the Petitioner. However, conscious of the object of the Wind Tariff Order 2024, the Petitioner undertakes that all requisite data perimeters can be provided for each Suzlon make WTGs to SLDC through SCADA Gateway. It is noteworthy that the OEM have themselves expressed their inability to comply with the terms of Wind Tariff Order 2024 while suggesting alternate compliance mechanisms, therefore, by way of the present Petition the Petitioner has sought reliefs from the Commission. The Petitioner's WTGs have been procured much prior to Wind Tariff Order 2024 by way of Wind Turbine Supply Agreements dated 02.02.2024 and 20.02.2024 with Suzlon. The details of the WTGs utilized for the project are as detailed as below:

S No.	Make	Model	Capacity (MW)	Nos	Total Capacity (MW)
1.	Suzlon	S133_140	2.8	4	11.2
2.	Suzlon	S120_140	2.1	5	10.5

3.	Senvion	M120	2.3	3	6.9
Total				12	28.6

2.9. The Petitioner has been granted connectivity by GETCO at the 66kV Vagra Substation vide Letter No. GETCO/R&C/GEDARE2425PWF3178STD1722843401 dated 30.09.2024. Pursuant thereto, all works have been completed, and the PSS has been charged along with feeder bay at Vagra Sub-station of GETCO dated 30.05.2024 is received. The Petitioner has already installed RTU at PSS, the process of connectivity at the requisite Sub-station has been completed.

2.10. Further, the Petitioner has received Developer Permission from GEDA vide Letter No. GEDA/DP/PWF/2024-25/11/062/4720 dated 18.11.2024 for its WTGs and the CEI Plan approval for the same has also been received from CEI vide Letter No. CEI/GAN/PLAN/137100/2024 dated 05.12.2024.

2.11. The Petitioner submits that it has requested GUVNL to proceed with installation of RTU at PSS only vide Letter dated 10.12.2024. GUVNL has replied to the same via email on 13.12.2024 and has called for the mandatory compliance of the Wind Tariff Order 2024.

2.12. The Petitioner submits that it has requested SLDC to allow commissioning of WTGs by providing real-time electrical data for each WTG to the SLDC through the SCADA gateway vide its letter dated 23.12.2024. The requirement of SLDC is availability of data (of five parameters) on real time basis from individual WTG – i.e. A. Analog: (i)

MW, (ii) MVAR, (iii) Voltage (R-Y Phase), (iv) Frequency, and B. Digital (v) Circuit Breaker Status (Double Point).

2.13. That the Petitioner has filed the instant Petition seeking relaxation in Implementation of Wind Tariff Order 2024 by following the Alternate Compliance Mechanism that meets the technical requirements of Respondent, SLDC.

2.14. The Commission, by virtue of Regulations 80-82 of GERC (Conduct of Business) Regulations, 2004 read with Section 151 of Code of Civil Procedure, 1908, has the inherent powers to devise a mechanism for WTGs which have the technical capability to provide the requisite data which an RTU would ordinarily provide, the Commission may permit the Petitioner to enhance its existing Supervisory Control and Data Acquisition ("**SCADA**") at each WTGs to provide all requisite data parameters without an RTU i.e. an *Alternate Compliance Mechanism* to SLDC via SCADA.

2.15. The Petitioner relied on Regulation 80-82 of GERC (Conduct of Business) Regulations, 2004 and submitted that the Commission has inherent power to decide the matter in interest of justice. Further, it is submitted that it is a settled position of law that the Commission is vested with inherent and wide plenary powers. The Petitioner relied upon judgements (i) in case of Transmission Corporation of AP Ltd. vs. Rain Calcing Ltd. 2019 SCC OnLine 1537, (ii) GUVNL v. Solar Semiconductor Power Co. (India) (P) Ltd., (2017) 16 SCC 498, (iii) U.P. Power Corp'n. Ltd. v. NTPC Ltd, (2009) 6 SCC 235.

2.16. Based on above the Petitioner submitted that the Commission is empowered to exercise its inherent powers in interest of justice, for WTGs which have the technical capability to provide the requisite data which an RTU would ordinarily provide, the Commission may permit the Petitioner to enhance its existing Supervisory Control and Data Acquisition ("**SCADA**") at each WTGs to provide all requisite data parameters without an RTU i.e. an *Alternate Compliance Mechanism* to SLDC via SCADA.

2.17. It is further submitted that as against installing RTU at each WTGs, the Petitioner proposes to enhance its existing SCADA at each WTGs in order to ensure that the data is transmitted to SLDC on real time basis in a more (a) time effective and (b) cost efficient manner as compared to RTU. It shall serve the same purpose as intended to be served through installing RTU at each WTGs. The following is noteworthy: -

- a) The Petitioner has already installed the RTU (IEC104) at the pooling sub-station which shall be connected with SLDC, for transferring real-time data, in a strong connectivity frequency.
- b) By the already installed RTU (IEC104) at the pooling sub-station at a high connectivity network, data regarding the WTGs, including KV, Hz, MW, MVar, SOE, CB Status, KWh, etc. is transmitted to SLDC on real time basis. Data from the WTG shall be made available in real time basis as per IEC104's protocols. The data would be transmitted to SLDC, in the prescribed format, with time stamps further verifying the preciseness.
- c) The requirement of electrical data of each WTG shall be provided through the SCADA system installed by the Petitioner for providing real time data to SLDC.

Hence, the insistence of the SLDC for installation of RTU on each WTG is not necessary.

- d) Data collected from WTG will be transmitted by installing optical fibre network from each WTG to pooling station, WTG's data shall be made available on the common DCU installed at the pooling sub-station. Each WTG will be connected with SLDC by providing independent or common IP addresses from pooling substation RTU.
- e) The aforesaid mechanism will be safeguarded by providing a router and a fire wall to implement advanced cyber security measures for ensuring end-to-end connectivity and enabling is reliable and safe transmission of WTG data with SLDC.

2.18. The proposed alternate compliance mechanism for data transfer is a proven technology across the country in all Inter State Transmission system projects as per Grid India 14 (NLDC), CEA and CTU procedures. CEA and CTU have already moved to SCADA system-based data transfers, and the data is transferred on real time basis to load despatch centres successfully.

2.19. That there is major difference between a SCADA system based Programmable Logic Controller ("PLC") and a RTU as evident from below: -

- a) PLC is a microprocessor-based controller, while an RTU is a self-contained computer.
- b) Function: A PLC monitors, controls, and communicates with automated processes, while an RTU monitors and transmits data from field devices.

- c) Data processing: A PLC processes data to monitor inputs, control outputs, and execute logic. An RTU processes data to scale and translate it into a transmittable format.
- d) RTU can also tend to rely on aging technology, which means they can be slower than other systems. They are not as capable as PLCs in terms of processing power and data storage.

2.20. By enabling real time transmission of data from WTGs to SLDC, the proposed alternate compliance mechanism would fulfil the objective and purpose of the RTU mandate at each WTG, i.e., to real time monitoring of WTGs data by SLDC. This shall thereby dispense the requirement to install RTU at every individual WTG.

2.21. The Petitioner submitted that the Commission vide Order dated 09.12.2024 in IA No. 34/2024 in Petition No. 2395/2024 has allowed the Petitioner therein, M/s Project Twelve Renewable Power Pvt. Ltd. to commission its 50MW WTGs without installation of RTUs at every WTG, by providing real time electrical and weather parameters of each WTG to SLDC through SCADA gateway. Further, SLDC, arrayed as Respondent No. 2 therein has submitted before the Commission that it has no technical objection if the Petitioner therein, M/s Project Twelve Renewable Power Pvt. Ltd, is able to provide the requisite data in a precise and accurate manner. Similarly, the Commission vide Order dated 17.12.2024 in IA Nos. 44 and 45/2024 (Petition No. 2405/2024) permitted M/s Suzlon Global Services Limited to commission nine WTGs under similar conditions and provided relaxation to commission their WTGs without installing RTU at each WTGs.

2.22. The Commission may kindly permit the Petitioner to adopt the alternative compliance mechanism as stated above.

2.23. The Petitioner submitted that the WTGs of the Petitioner are ready for commissioning as stated above. Any delay in the commissioning on ground of not installing RTU will affect the Petitioner by way of generation loss and penalty for delay in commissioning.

2.24. The Petitioner prayed to the Commission to grant an interim relief for allowing the commissioning of its WTGs with condition that the Petitioner will provide the data to the SLDC through SCADA system for each WTG.

2.25. Based on above, the Petitioner prayed to pass necessary Order in the matter.

3. The Respondent SLDC has filed its reply and brief of same is as under.

3.1. The issue related to SLDC is limited to the aspect of commissioning of the power project of the Petitioner and the necessary equipment in this regard.

3.2. The requirement of SLDC is the availability of data (of five parameters) on real time basis from individual WTGs,

Analog (a) MW (b) MVAR (c) Voltage (R-Y Phase), (d) Frequency and
Digital (a) Circuit Breaker Status (Double time).

3.3. SLDC submitted that the various requirements *inter alia* as under:

(a) Communication Protocol from WTG/WTG RTU/SCADA-Gateway to Existing RTU of PSS should be one of the:

- IEC-104, 61850, DNP3, Modbus, Modbus TCP/IP, OPC

(b) WTG Analog Data (MW, MVAR, Volt, Freq) format should be M_ME_NC (group 0 & group 3) - Class-2

(c) WTG Digital Data (Breaker Status) Format should be M_DP_TA (group 0 & group 2)

- Please note that M_DP_TA is with Time tag with Double Point Class-1

(d) WTG Real-time Data Should be updated at regular interval (Analog every 3-4 Seconds and Digital by exception) at SLDC as per regulatory requirements.

(e) The test Setup shall be witnessed by deputed engineer based on which approval shall be issued for architecture.

3.4. The SLDC requires such data on Realtime basis for the purposes of Monitoring Availability of Wind Generation and Wind Turbine Generator, which are essential for real time grid operation and management. It is therefore necessary that the wind power projects are capable of providing reliable, accurate and precise data in regard to the above.

3.5. The said requirements are necessary to allow commissioning. If the Petitioner's project is capable of providing the above data in a reliable, precise and accurate manner, SLDC has no technical objection on allowing the commissioning subject to fulfilment of other requirements.

3.6. The Petitioner has in the Petition referred to the installation of the Remote Terminal Units (RTU) on individual WTG Units (No issue raised on RTU in pooling station which is already installed and the same is not subject matter of the present Petition). As already submitted, the technical requirement of SLDC is availability of accurate, precise and reliable data from the individual WTGs. The Commission may therefore

take a view on the contentions of the Petitioner in regard to necessity of the RTU on individual WTGs if the above data in relation to the individual WTGs is otherwise available and the time, if any to be granted. SLDC craves leave reference to the Order No. 5 of 2024 at the time of hearing for its true scope and interpretation and the interpretation of the Petitioner is not admitted.

3.7. It is submitted that the Commission has passed Order dated 17.12.2024 in IA No. 44 and 45 of 2024 in Petition No. 2405 of 2024 by Suzlon Global Services Limited and 09.12.2024 in the IA No. 34 of 2024 in Petition No. 2395 of 2024 by Project Twelve Renewable Power Private Ltd., which may be relevant in the present case also.

4. The matter was listed for hearing on 07.01.2025. On that day, Ld. Adv. Mr. Purusharth Singh on behalf of Petitioner submitted that Petitioner is setting up 28.6 MW Wind Turbine Generators for generation and supply of electricity from the plant to the GUVNL. The Petitioner and GUVNL have executed the PPA wherein it is provided that Petitioner shall require to commission the project and supply the electricity to GUVNL. Failure to it, will attract huge penalty to the Petitioner as per the terms of the PPA.

4.1. The Petitioner is in advance stage of commissioning of the project tentatively in 3rd and 4th week of January 2025 and achieve the SCOD as specified in the PPA.

4.2. The Petitioner is facing the problem that the SLDC is not granting NOC for commissioning of the project due to non-installation of RTU on each WTG. He requested that the Commission may intervene in the matter and direct the Respondent SLDC to allow commissioning of the project as decided in Petition no.

2395 of 2024 in case of Project Twelve Vs. GUVNL and SLDC and in IA No. 44 & 45 of 2024 in Petition No. 2405 of 2024 in case of Suzlon Global Services Ltd. Vs. SLDC, wherein the Commission has decided and directed to the Respondent for allowing commissioning of WTG of wind project developers.

5. Ld. Adv. Ms. Ranjitha Ramachandran on behalf of the Respondent SLDC submitted that in compliance of the Tariff Order No. 5 of 2024 dated 31.08.2024, the Respondent has written a letter to the Petitioner to comply the requirements of installation of RTUs at each WTGs. The Respondent agreed to allow the Petitioner for commissioning of its 28.6 MW WTG as per Order dated 09.12.2024 of the Commission in IA No.34 of 2024 in Petition No. 2395 of 2024 and Order dated 17.12.2024 in IA Nos 44 and 45 of 2024 in Petition No. 2405 of 2024.
6. Heard the Parties. We note that the present Application/Petition filed by the Petitioner for seeking relief as sought in above mentioned prayers.
- 6.1. We also note that the Applicant /Petitioner who is one of the Renewable Energy Project Developer and has its 28.6 MW wind turbines are ready for installation and generate electricity. The installation and commissioning of the wind turbine generators and energy generated from such turbines is for self-use/ sale to third party. As the issue relates installation of RTU and provide real time data of each WTGs of electrical parameters and other parameters and the said mandate to the Petitioner, it is necessary to refer to the relevant provisions of the Order No. 5 of 2024 dated 31.08.2024.

- 6.2. Para 2.7.3 of the Tariff Order No. 05 of 2024 for Tariff Framework for procurement of power by Distribution licensees and others from wind power projects commissioned during the control period of 06.06.2022 up to 31.03.2027 passed by the Commission on 31.08.2024 is reproduced below: -

“2.7.3 Analysis and Commission’s Ruling

As regard to the suggestions of IWEA, the Commission notes that the installation of RTU on each WTG is necessary for monitoring of injection of energy by the SLDC on a real time basis. The Commission finds merit in the submission of SLDC and hence accepts the suggestion received from SLDC for benefit of all stakeholders and decide to modify the provisions as under:

- *Metering Point and Interconnection Point for the Wind Power Project shall be the point of connection at the GETCO substation where feasibility and connectivity is granted by GETCO. The Wind Project Developers shall provide energy metering and communication facility in accordance with the (a) CEA (Installation and Operation of meters) (Amendment) Regulations 2014 and its subsequent amendments, (b) Gujarat Electricity Grid Code 2013 and its subsequent amendments (c) GERC (Terms and Conditions of Intra-State Open Access) Regulations, 2011 and its subsequent amendments, (d) GERC Distribution Code 2004 and its subsequent amendments and (e) GERC (Terms and Conditions for Green Energy Open Access) Regulations, 2024 and its subsequent amendments.*
- *Wind Power Projects shall have to provide four quadrant ABT compliant meters at both interface points (i.e. receiving and sending end) which shall conform to the Central Electricity Authority (Installation and Operation of Meters) Regulations, 2014, as amended from time to time. GETCO/ DISCOM to stipulate necessary specifications in this regard. The ABT meter shall be compatible with SIDC AMR facility.*
- *Further, wind generators/GEDA/ DISCOM/ GETCO as case may shall*

ensure that the Generator end and GETCO substation end data shall be available on every Tuesday for the previous week to SLDC through such AMR compatible meters. In case of non-availability of AMR, it will be responsibility of Wind Generators/ GEDA/ DISCOM/ GETCO, as the case may be, to send ABT meter data in encrypted mode to SLDC with other mode of communication as per SLDC procedure and requirement.

- *The Wind Project Developers shall also install Remote Terminal Unit (RTU) at the pooling station as well at individual WTG at their own cost for transferring the real time data to SLDC for its monitoring purpose, and in accordance with the GERC orders from time to time.*
- *State Load Dispatch Centre shall certify actual injected energy and energy drawn (if any) from local DISCOM on monthly basis. Energy metering and communication facility shall be provided by the developer of Wind Power Projects in accordance with the following Regulations/Codes/Orders and their subsequent amendments:*
 - i. *Central Electricity Authority (Installation and Operation of meters) Regulations 2014 and its subsequent amendments*
 - ii. *Gujarat Electricity Grid Code 2013 and its subsequent amendments*
 - iii. *GERC (Terms and Conditions of Intra-State Open Access) Regulations, 2011 and its subsequent amendments*
 - iv. *GERC distribution code 2004 and its subsequent amendment*
 - v. *GERC terms and conditions for Green Energy Open Access) Regulations 2024*

For the purpose of energy accounting, all Wind Power Project Developer shall have to provide ABT compliant (four quadrant) meters and if the power is to be wheeled to consumers' premises, then ABT cum Tariff compatible meter is to be installed at the consumers' premises also. While in case of consumer seeking open access below 1 MW, installation of Special Energy Meter capable of energy recording on 15 Minute Time Block basis at consumption end shall be allowed. GEDA, GETCO and DISCOMs shall ensure the energy accounting of Active and Reactive

energy from Wind project for each consumer/customer. Energy Accounting shall be done by SLDC.

Provided that in case of Wind project connected with Inter-State Transmission System (ISTS) network through state network, the provisions related to metering point and interconnection point shall be governed by the provisions of Intra-State generator provided in this Order. While in case of the Wind Projects directly connected to ISTS network shall be governed by the provisions of CERC Regulations.”

- 6.3. In the aforesaid Para, it was decided by the Commission that the RE project developer shall abide by the provisions of Grid Code, grid connectivity standards, provide communication system for transmission of electricity etc. CEA Metering Regulations shall apply. Joint meter reading be taken by GEDA, GETCO and Project developer.
- 6.4. Further, we note that as per Para 2.7.3 of the Tariff Order No. 05 of 2024 for Tariff Framework for procurement of power by Distribution licensees and others from wind power projects commissioned during the control period of 06.06.2022 up to 31.03.2027 passed by the Commission on 31.08.2024, WTG owner had to install Remote Terminal Unit (RTU) for transferring the real time data to SLDC i.e., the Respondent for its grid operation management on real time basis monitoring purpose. The purpose of installation of RTU on each WTG which is essential for real time grid operation and management.
- 6.5. The aforesaid Para provides for providing the synchronizing equipment, RTUs etc. for communication of data, including scheduling of power generated from project, transmission of data to concerned utilities i.e., SLDC as per applicable regulations shall be installed by the power producers at its generation facility. The

commissioning of WTGs shall be done in presence of GETCO, SLDC and GEDA officials.

- 6.6. We also note that Pursuant to para 2.7.3 of the Tariff Order No. 05 of 2024 for Tariff Framework for procurement of power by Distribution licensees and others from wind power projects commissioned during the control period of 06.06.2022 up to 31.03.2027 passed by the Commission on 31.08.2024 has held that the wind power project developers shall install RTU at the pooling station as well as individual Wind Power Generators (WTGs) at their own cost for transferring the real time data to SLDC for its real time monitoring and management of grid parameters purpose. We note that the real time data availability necessity provided in the order is for carrying out real time grid management and operation by the SLDC. In the present case, the demand of SLDC is not new demand, but it is as per Order No. 5 of 2024 dated 31.08.2024 passed by the Commission.
- 6.7. We note that the Petitioner has submitted that it has successfully developed 28.6 MW wind turbines, and this capacity is currently posed for commissioning. Further, we note that SLDC/ GETCO itself mentioned in their Letters dated.14.10.2024 in other similar Petition that the each WTGs data can be provided by way of SCADA gateway which suffice the real time monitoring and management of grid parameters, this substantiates the fact that to provide the real time electrical parameters and other data of each WTGs for monitoring by SLDC/ GETCO, the Petitioner agreed for the same for providing such requirement through SCADA gateway and SLDC/ GETCO have no objection.

- 6.8. We also note that as the Petitioner has requested to allow the commissioning of the 28.6 MW WTG's of the Petitioner which is at the stage of commissioning, on provisional basis, and as the Respondent also submitted that the required real time data of electrical parameters and weather data of each WTGs can also be available from the SCADA gateway provided by the Petitioner which serve the purpose of Wind Tariff Order No. 5 of 2024 dated 31.08.2024 of the Commission and the Respondent has not objected to the same, we decide to allow the same, on interim basis till the matter decided finally.
- 6.9. We note that the Applicant/ Petitioner has sought to allow the commissioning of 28.6 MW WTG's by providing real time based electrical and weather data through SCADA system. The Respondent SLDC who is a Statutory Body as per Electricity Act, 2003 and responsible for real time based grid management, energy accounting, measuring deviations in forecasting and scheduling etc. requires to collect the real time data from each WTGs has submitted that the technical requirement of SLDC is availability of accurate, precise and reliable data from the individual WTGs and if the Petitioner agrees to provide the same on real time basis than the Commission may allow commissioning of 12 WTGs of the Petitioner. The intent of SLDC is availability of real time-based technical data of electrical parameters and weather data and Circuit Breaker Status.
- 6.10. We further note that the prayer sought by the Petitioner to declare that implementation of the Tariff Order dated 31.08.2024 by the Commission directing to install Wind Power developer to install RTUs at pooling station as well as the individual Wind Power Generator at the cost of Wind Power Developer for

transferring the real time data to Respondent SLDC for its monitoring purpose is qualify as review of Wind Tariff Order No. 5 of 2024 dated 31.08.2024 to be decided in the main Petition, after hearing all the stakeholders who have filled their objection/ suggestions in the proceedings of the above order. Hence, we decide and direct the Petitioner/Applicant to join all stakeholders/ objectors as who have been party including Discoms, GETCO, GEDA to above Order with a copy to all the above-mentioned parties and file compliance affidavit. We also direct that all the stakeholders and DISCOM, GEDA, GETCO to file their submissions within three weeks to the Commission with a copy to the Petitioner. Petitioner is at the liberty to file its response, if any within one week's time.

- 6.11. As the Applicant/Petitioner has sought approval for its 12 WTG's for commissioning purpose and agreed to provide the real time data from the SCADA gateway on provisional basis till the main matter is decided by the Commission and Respondent SLDC has also submitted that if the Petitioner's project is capable of providing the real time data in reliable, precise and accurate manner with respect to technical data of each WTGs, Analog : (i) MW, (ii) MVAR, (iii) Voltage (R-Y Phase), (iv) Frequency and Digital: (v) Circuit Breaker Status (Double Point) for the purpose of monitoring of Wind Generation and Wind Turbine which are essential for real time grid operation, management as well as for energy accounting point of view then the Respondent SLDC has no technical objection on allowing the commissioning of the project on fulfilling of above condition. We also note that as per submission of Petitioner, 28.6 MW WTGs is ready for the commissioning purpose and during the hearing both the parties agreed to share/collect the real time data from the SCADA gateway. Hence, we are of the view that the Applicant has to file an undertaking for

providing the data on real time basis to the Respondent SLDC for its monitoring purpose and thereafter, SLDC may decide about access of SCADA gateway data from each WTG provided by the Petitioner and allows the commissioning of 28.6 MW WTGs to the Applicant.

6.12. The Petitioner requests interim relief upon providing real time basis data of the electrical and weather parameters through SCADA gateway from each WTGs to SLDC for real time operation and management and SLDC agreed for such arrangement provided by the Petitioner and allowed to commissioning of the Power Plant would suffice the purpose of the commissioning of 28.6 MW WTGs of the Petitioner which are ready for commissioning. Hence, we decide to allow the commissioning of 28.6 MW WTGs of the Petitioner by providing real time electrical and weather parameters of each WTGs to SLDC through SCADA gateway.

6.13. The Petitioner is required to provide the said details stating that its OEM confirms about providing the details of SCADA data on each WTG basis and pooling station created and utilized through communication from the year when it was introduced its accuracy and utilization of the same by the WTGs owner, OEM, wind power project developers and the same is also provided by the Petitioner on affidavit with supporting documents, if any.

6.14. As the RTU provision made in Order No. 05 dated 31.08.2024 passed by the Commission all the stakeholders had been heard by the Commission prior to passing the said Order. Hence, we direct the Petitioner to join all Discoms, GETCO, GEDA and objectors as party Respondent to the present Petition as are required to hear prior to passing Final Order in the matter.

6.15. The Petitioner is directed to join them as party to the Petition and amend the memo of the Petition and provide copy of the Petition and other documents to them and file compliance affidavit. The joined parties shall file there reply, if any, within 15 days with a copy to the Petitioner and the Petitioner is at liberty to file its reply to the same within 10 days from the date of receipt of submissions from joined party with a copy to them.

7. As the matter is listed and heard, IA No. 03 of 2025 in the Petition No. 2435 of 2024 is satisfied, hence the aforesaid IA is disposed of.

8. The next date of hearing will be intimated separately.

9. Order accordingly.

Sd/-
[S.R. Pandey]
Member

Sd/-
[Mehul M. Gandhi].
Member

Sd/-
[Anil Mukim]
Chairman

Place: Gandhinagar.
Date: 17/01/2025