

**FOLLOWING DIRECTIVES ISSUED BY THE COMMISSION IN
TARIFF ORDER NO.7 OF 2022 DT.09.09.2022 TO TANGEDCO**

FRESH DIRECTIVES

The Commission directs TANGEDCO:

- 1) To file the Tariff Petition / ARR / True-up petition on a timely basis every year, as per TNERC (Terms and Conditions for Determination of Tariff) Regulations, 2005. The Licensee shall have to file the Tariff petition under MYT concept on or before 30th of November of the last Control period for determination of tariff of next Control period.
- 2) To assess the quantum of stranded capacity. Recommend an action plan to address the issue to reduce the burden of the Capacity charges and projection of available capacity and requirement to be furnished along with next ARR and Tariff petition.
- 3) To file the progress of the Capital Expenditure and Capitalisation on a quarterly basis.
- 4) To study and report on whether TANGEDCO has the potential to earn additional revenue by utilising the vacant land available with them along Highways for setting up of EV charging stations
- 5) Discom has to submit the MOD stack of actual power purchased from various sources during the month. Any variation from the approved MoD stack ought to be get approved from the Commission. The MoD stack to be get approved from the Commission even when no Tariff petition / ARR.
- 6) To take prior approval from the Commission for purchasing energy from unapproved sources.
- 7) Make necessary arrangement to install Smart meters in the Service connections as stipulated under the CEA Regulations within that time frame. Such meter may be procured with the compatibility for pre-paid option. Priority may be given to such service connections with high consumption in Local body, Government, Commercial, Industrial services, etc., in a phased manner. The progress report on the above have to be submitted to the Commission on a quarterly basis.

- 8) TANGEDCO is directed to install ABT meters with communication facility in all Feeders and Distribution Transformers by 31.12.2022. Metering of HT services and Generators with communication facility be completed within a period of 2 months. Data obtained from such metering can be used for conducting of Energy Accounting & Auditing in order to have more accuracy in arriving of T & D losses. The progress report on installation of ABT meters to be furnished on Quarterly basis to the Commission.
- 9) To conduct a scientific study and furnish report for accurate measurement of T&D loss & unmetered consumption, within a period of 6 months.
- 10) To fix the ABT based communication facility meters in remaining HT services within a period of 2 months.
- 11) The Licensee shall purchase power from Renewable Energy sources at the required quantum not less than the percentage as stipulated under TNERC (Renewable Energy Purchase Obligations) Regulations 2010 from time to time. The compliance of the same may be furnished to the Commission on or before 30th September every year.
- 12) To file Cost to Serve Report for respective Financial year along with the next petition.
- 13) Implementation of Smart pre-payment meter/ pre-payment meters: The Commission refers to the Electricity (Rights of Consumers) Rules, 2020 notified on 31st December, 2020 and as per this Rule, no connection shall be given without a meter and such meter shall be the Smart pre-payment or pre-payment meter.
- 14) To make the consumers aware of the Standards of Performance (SoP) prescribed by the Commission and make consumers get prompt services from TANGEDCO. And the Licensee is directed to display the Standards of Performance in all their offices, website, Mobile Apps, etc.,
- 15) To submit a report to the Commission about its readiness (viz., infrastructure development, kVAh metering & billing procedure, etc.,) in implementation of kVAh billing within a period of 3 months.
- 16) To furnish a ToD report based on hourly consumption and cost of power purchase separately for the latest year.

- 17) To ensure that the Unscheduled Interchange and Under-drawal at high frequency is minimised, in order to optimise the Power purchase cost. The report on the same may be furnished to the Commission within a period of 3 months.
- 18) To maintain separate accounts in respect of its Distribution and Supply business and further directed to get such accounts audited by its Statutory Auditors. The Licensee is directed to file the Tariff petition for determination of Retail tariff & Network/Wheeling charges based on this segregated audited accounts.
- 19) To curtail the Electrical Accidents held on both Employees and common Public side. Since the number of accidents found alarming month on month, necessary Safety programmes, Consumer awareness programmes may be conducted. Electrical Accident prone locations may be identified to take permanent preventive measures and educate the people in this regard.
- 20) To file petition for determination of provisional tariff for new generating stations six months prior to the expected COD. Likewise the petition to be filed for determination of final tariff for new generating stations within six months after the COD.
- 21) TANGEDCO is directed to take swift action to reprogramme the meters for implementation of ToD in HT/LT categories since the compliance of ToD tariff in various categories is mandatory for scoring/ranking of the Licensee under the Aatma Nirbar Bharat Scheme. In this connection, TANGEDCO is directed to furnish its progress report every quarter to the Commission.
- 22) The power factor of the Agricultural pumpsets may be improved by installing the appropriate capacity capacitors so as to reduce the line loss and to have better voltage profile. The Return on investment in this scheme can be easily achieved within a period of 6 months. Hence, it shall be taken up on priority basis and completed early.
- 23) The Commission directs the Petitioner to maintain the record of the scheme-wise actual capital expenditure incurred and actual capitalization done for each Generating Station separately and submit the same to the Commission at the time of next Tariff Petition furnishing details of loan, grant and own funding for each scheme. The Commission will approve the actual Capital expenditure and

actual capitalization based on this information, subject to prudence check.

- 24) The Commission directs the Petitioner to file the Petitions for approval of provisional tariff for new Generation projects in line with the provisions of the TNERC (Terms and Conditions for Determination of Tariff) Regulations, 2005. The Commission will take a final view on the time overrun and related cost overrun and IDC component for individual projects, after the new generation projects are commissioned, and the actual audited capital cost including IDC are submitted to the Commission with due justification for the increase in capital cost.
- 25) The Commission directs the Petitioner to maintain the record of the scheme-wise actual capital expenditure incurred and actual capitalisation done for each Distribution Circle separately and submit the same to the Commission at the time of next Tariff Petition. The Commission will approve the actual Capital expenditure and actual capitalisation based on this information, subject to prudent check.
- 26) The Commission further directs the petitioner to submit the CIP in future category wise (Capital, improvement, individual reforms schemes like RDSS, IDPS, Uday, ADB etc) Capex and Capitalisation for the entire State, in addition to the circle wise data. The cumulative total of category wise expenditure for all circles shall tally with the corresponding consolidated category wise data of the State.
- 27) The petitioner shall ensure that the DT metering / feeder metering/ boundary metering already carried out shall not be replaced but continued with required improvement, if needed any.
- 28) The petitioner shall ensure that each and every capital work planned shall give proper return on investment.
- 29) TANGEDCO is directed to complete provision of Capacitors in all Agricultural service connection for effective AT&C loss reduction and optimum utilization of available equipment (both Distribution Transformers and Power/Auto transformers).
- 30) The solar generation is consistently on the rise. It is available abundantly during daytime. At the same time the demand is more in peak hours especially during the evening/ night slot of non-solar hours i.e 6PM- 10PM. In order to balance the consumption pattern

between solar and non-solar hours and flatten the load curve by running their pump sets during daytime solar hours and restrict the usage during morning/night peak hours, the agricultural consumers may be requested to shift their usage from non-solar night hours to solar day hours.

- 31) Further, the public shall be advised to prefer their vehicle charging during solar hours rather than night hours

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COMPLIANCE OF EARLIER DIRECTIVES (ISSUED IN T.O.1 DT.11.08.2017)

7.1.1 Directive No. 7.1.1. (a)

- 7.1.1.1 To file their Tariff Petition on a timely basis every year, as per TNERC (Terms and Conditions for Determination of Tariff) Regulations, 2005.

Compliance/Action taken by TANGEDCO:

- 7.1.1.2 The Multi Year tariff petition for the year 2022-23 to 2026-27 was filed before the Commission on 13.07.2022.

Commission's views:

- 7.1.1.3 Under Regulation 5 of TNERC (Terms and Conditions for Determination of Tariff) Regulations, 2005, the Licensee have to file the ARR/True-up/Tariff Petitions on or before 30th November of every year. After 2017, the licensee has not come forward to file the Tariff petition till 2022. Though it has filed Miscellaneous petitions (M.P.13 of 2019, M.P.4 of 2020), seeking time extensions for a shorter duration for filing of ARR/TP, it was not filed properly. Now the petitioner has filed petition on 13.07.2022 for Tariff determination under MYT concept for 5 years for the period FY 2022-23 to FY 2026-27. Taking note of this, the Commission directs that the Licensee to file the ARR/True up/Tariff petitions as stipulated under TNERC (Terms and Conditions for Determination of Tariff) Regulations, 2005& MYT Regulations within the time frame.

7.1.2 Directive No.7.1.1. (b)

7.1.2.1 To maintain quality of supply as specified in Tamil Nadu Electricity Distribution Standards of Performance Regulations dated. 21-07-2004.

Compliance/Action taken by TANGEDCO:

7.1.2.2 Detailed report as on 31.12.2021 is enclosed in the Annexure-VII of the petition. This directive is being complied with.

Commission's views:

7.1.2.3 The Licensee furnished details on Low Voltage pockets, Overloaded Distribution Transformers, LT/HT Network improvement progress in its report. The Commission has taken note of the submissions of the TANGEDCO. In this connection, the Commission has issued necessary directions with regard to compliance of targeted performance under regulation 23 of DSOP Regulations in order to maintain the quality of supply. Further, the TANGEDCO is directed to furnish the achievements and the level of performance as stipulated under Regulation 24 of DSOP regulations.

7.1.3 Directive No.7.1.1 (c)

7.1.3.1 To file the progress of the capital expenditure and capitalization on a quarterly basis.

Compliance/Action taken by TANGEDCO:

7.1.3.2 The Commission has issued order for Capital Investment Plan for the Control period from 2019-20 to FY 2021-22 on 12.10.2021. The actual expenditure for the control period 2019-20 and 2020-21 is filed within the Capital Investment Plan of next control period between 2022-23 to 2024-25 on 6.3.2022.

7.1.3.3 This directive is being complied with.

Commission's views:

7.1.3.4 The Commission has taken note of the reply and accepted.

7.1.4 Directive No.7.1.1 (d)

7.1.4.1 To ensure that the amount approved for R&M expenses is not diverted for any other purposes.

Compliance/Action taken by TANGEDCO:

7.1.4.2 This directive is being complied with.

Commission's views:

7.1.4.3 The Commission has taken note of the submission of the Licensee, and the compliance of the same verified with reference to the Petition.

7.1.5 Directive No.7.1.1 (e)

7.1.5.1 To provide the demand forecast in terms of monthly energy demand and availability and its plan of scheduling power in accordance to MoD on quarterly basis in the revised formats as provided by the Commission.

Compliance/Action taken by TANGEDCO:

7.1.5.2 The quarterly report has been submitted up to the period ending December 2021. (3rd quarter of FY 2021-22) This directive is being complied with.

Commission's views:

7.1.5.3 The Commission has taken note of the reply and accepted.

7.1.6 Directive No.7.1.1 (f)

7.1.6.1 To ensure that the unscheduled interchange (UI) and under-drawal at high frequency is minimised, in order to optimize the power purchase costs.

Compliance/Action taken by TANGEDCO:

7.1.6.2 This directive is being complied with.

Commission's views:

7.1.6.3 TANGEDCO in its performance reports has stated that in its real-time dynamic grid operation, the 'Unscheduled Interchange' and 'Under-drawal at High frequency' is minimised. Further stated that necessary arrangements have been made with other State utilities for swapping of power. In this connection, TANGEDCO is directed to furnish the detailed report on the savings to the Licensee in result of curtailment of UI/Over-drawal from the grid.

7.1.7 Directive No.7.1.1 (g)

7.1.7.1 To take prior approval from the Commission for purchasing energy from unapproved sources.

Compliance/Action taken by TANGEDCO:

7.1.7.2 This directive is being complied with.

Commission's views:

7.1.7.3 Based on the estimated quantum of sales, the Commission shall scrutinise and approve the power purchase requirement with modification as deemed fit for the tariff period and the ensuing years. In earlier Tariff Order, Commission approved the quantum & sources of Power purchase for the period upto 2018-19. The Licensee sought approval for purchase of Power from unapproved sources belatedly for ratification, even on repeated instructions the Licensee in certain occasions applied for belated approval. This must be avoided in future. The Licensee is strictly directed to get prior approval of Power Purchase from any unapproved sources.

7.1.8 Directive No.7.1.1 (h)

7.1.8.1 To submit the MoD stack of actual power purchased from various sources during the month, on a monthly basis. In case of any variations from the MoD stack approved by the Commission, TANGEDCO should file quarterly Petitions for ratification of such power purchase with proper justification, in the same manner as being done presently for purchase from IPPs outside the MoD stack.

Compliance/Action taken by TANGEDCO:

7.1.8.2 This directive is being complied with.

Commission's views:

7.1.8.3 The Commission has taken note of the Power purchase details furnished periodically. However, the Licensee is directed to submit the MoD stack of actual power purchase during the month, on a monthly basis. The deviations from the approval, if any, must be got ratified for the purchase outside the MOD stack.

7.1.9 Directive No.7.1.1 (i)

7.1.9.1 To pay Transmission Charges determined by the Commission to TANTRANSCO based on the allotted transmission capacity for FY 2017-18.

Compliance/Action taken by TANGEDCO:

7.1.9.2 This directive is being complied with.

Commission's views:

7.1.9.3 TANGEDCO has stated that the Transmission charges as determined by the Commission is being paid to TANTRANSCO and complied with, and hence Commission accepted the same.

7.1.10 Directive No.7.1.1 (j)

7.1.10.1 To undertake a study on introduction of kVAh tariffs in lieu of Power Factor compensation and submit the same along with its next Tariff Petition.

Compliance/Action taken by TANGEDCO:

7.1.10.2 This directive has already been complied by filing the study report on 13.10.2020 apart from that the progress implementation to view more categories submitted in Tariff petition filed.

7.1.11 Commission's views:

7.1.11.1 TANGEDCO furnished a study report on 13.10.2020 with few recommendations for implementation. Though it has recommended for implementation, no Tariff petition was filed at that time duly incorporating the kVAh based tariff for any category. The Commission has taken note of the submissions of the TANGEDCO. Even the Licensee requested for implementation of kVAh based tariff, it has not stated about the infrastructure developed by them with regard to kVAh metering, Billing and adjustments. Hence, the kVAh billing can be introduced only after evolving a detailed procedure & facilitation of kVAh based metering in Service connections. In this connection, the TANGEDCO is directed to submit a report to the Commission, about its readiness in implementation of this, within a period of 3 months.

7.1.12 Directive No.7.1.1 (k)

7.1.12.1 ToD Charges are to be progressively implemented in order to flatten the load curve and to ensure the cost of energy paid by the consumer at any point of time reflects the true cost of supply available at that point of time. TANGEDCO is directed to:

- Undertake a detailed study of hourly consumption patterns of all HT consumer categories, based on ABT metering data,
- Identify the contribution of each category towards the peak consumption and which category can shift its consumption to off-peak hours, seasonal variation in the peak and off-peak consumption levels.
- Submit a comprehensive proposal to modify/upgrade the ToD tariff dispensation, along with its next Tariff Petition.

Compliance/Action taken by TANGEDCO:

7.1.12.2 This directive has already been complied by filing the study report on 13.10.2020, apart from that for progressive implementation to more categories are included and submitted in tariff petition filed on 13.07.2022.

7.1.13 Commission's views:

7.1.13.1 TANGEDCO furnished its report on re-determination of ToD tariff. On this report, most of the stakeholders have raised objections for re-determination of ToD peak hours (morning & evening). More over it was rejected by many of them for taking reference of 2017 & 2018 data for re-determination in the Tariff petition filed in July 2022. According to latest data on ToD curve viz., Demand & Cost, the Commission has decided on re-determining the ToD slots.

7.1.14 Directive No.7.1.1 (I)

7.1.14.1 To increase the usage of IT enabled services for metering and billing to improve the metering, billing and collection efficiency.

Compliance/Action taken by TANGEDCO:

7.1.14.2 Implementation of smart meters (post-paid) to 1.41 Lakhs of LT consumers by adopting RF Technology (Radio Frequency) in Chennai T.Nagar ABD (Area Based Development) area under smart city project scheme funded by M/s. CSCL Limited is under progress. T.Nagar has been selected as pilot area considering the consumer density, wherein RF

communication can be effectively utilized. Smart Meters installation works started on 12.01.2021 and as on date total Smart meters installed quantity is approximately 82,300 Nos. Prepaid functionalities can also be included as and when required.

- 7.1.14.3 It has been proposed to extend approximately 1.66 Crores smart meter facility with prepaid functionality to all categories of LT consumer except Agriculture and Hut services under RDSS of GoI. Action Plan and Detailed Project Report has been approved by DRC and the proposal will be submitted to the State Cabinet for approval which is under progress. After approval and sanction of the project by MoP, the work will be commenced.
- 7.1.14.4 HT AMR Implemented. So far 9184 modems have been installed out of total 10400 HT Service Connection.
- 7.1.14.5 A pilot study for taking meter reading through a mobile Application taken by the Assessment Staff at various locations (27 Locations) to update the meter reading in the LT Billing Package directly, once the assessment taken by the staff, the same will be updated in the TANGEDCO Database immediately and SMS to consumer will be sent.
- 7.1.14.6 AMR has been launched for Generators. As of now about 10,127 (approx.) generators, have been provided with AMR meters, which facilitates accuracy in OA adjustment besides easing out the allotment process for generators.
- 7.1.14.7 New HT billing software integrated with open access Application and Approval Software has been deployed so as to enable quick, accurate billing with OA adjustments.
- 7.1.14.8 E-invoicing for HT consumers has been enabled to comply the GST Act provisions and proper assessment of GST. This facilitates the HT consumer to avail the GST Input credit.

7.1.15 Collection Efficiency

- 7.1.15.1 To increase the percentage of collection through online mode the following steps have been taken during the period since 2021:
- 7.1.15.2 Action has been taken to increase electronic mode of payment by increasing the billers in Bharat Bill Payment Services (BBPS) by adding one more Biller Operating Unit (BOU) other than Indian Overseas Bank

i.e. Canara Bank had been opted as the Second Biller and the technical integration is under progress.

- 7.1.15.3 Through Code review Panel-dt: 28.03.2019 any bill payment above Rs. 5,000/- may be made mandatory only through Online/DD/Cheque at the TANGEDCO Collection Counters.
- 7.1.15.4 Single payment Net banking Gateway had been enabled in the TANGEDCO's website and mobile application to ease the consumers by making available of all the banks, that are empanelled under the RBI guidelines for the payment of the electricity bills and various miscellaneous Charges.
- 7.1.15.5 Extension of Integrated PoS machines throughout State in phased manner to ease the digital payments in the collection counters.
- 7.1.15.6 Virtual payment collection system, a dynamic virtual account number is generated for the all the payments this system is incorporated through Indian Bank for the collection of the Additional facilities for H.T. Consumers and for the New Consumers in the Application Tracking and Existing Consumers seeking additional demand.
- 7.1.15.7 Creating awareness among consumers for online payment through advertisement, flex banners at collection counters (Whats app, Facebook, News Channels, etc)

Commission's views:

- 7.1.15.8 TANGEDCO has stated that 9184 numbers of HT services were fixed with Modems out of 10400 numbers of HT services, and around 10127 generators have been provided with AMR meters. This has eased the allotment process to generators and OA adjustment process. E-invoicing as per GST Act provided to HT consumers to avail the benefit of GST input credit. Collection efficiency improved among the Consumers due to addition & introduction of more electronic modes of payments (BBPS). Consumers are being created awareness for online payment through advertisement, flex banners at collection counters (WhatsApp, Facebook, News channels, etc.). The Commission takes note of various IT based features provided to the consumers and appreciates the action taken by the TANGEDCO. This shall be continued.

7.1.16 Directive No.7.1.1 (m)

7.1.16.1 To install ABT meters with communication facility for all HT consumers, all Generators, all Feeders, and all Distribution Transformers (DTs) by 30.06.2018 and submit bi-monthly reports on progress of implementation of the same.

Compliance/Action taken by TANGEDCO:

7.1.16.2 The detailed report is enclosed in Annexure VIII of the petition. This directive is being complied with.

Commission's views:

7.1.16.3 TANGEDCO has submitted that more than 95% of HT consumers and Generators are provided with the 0.2S class ABT meters with communication facility (as on 31.03.2022). However, in respect of Feeders and Distribution Transformers, the licensee has not achieved the target of ABT metering even after 5 years from the date of earlier Tariff Order. The purpose of communicable metering is for Energy Accounting, Energy Auditing, Line loss calculation and to take measures for minimisation of loss and other corrective action. Hence, the Licensee has to make arrangement for early metering of Feeders/DTs and the progress to be submitted with the analytical report to the Commission on a quarterly basis.

7.1.17 Directive No.7.1.1 (n)

7.1.17.1 To implement automated meter reading of all HT consumers before 31.03.2018.

Compliance/Action taken by TANGEDCO:

7.1.17.2 For HT scs 9184 modems have been installed for implementation of automated meter reading.

Commission's views:

7.1.17.3 TANGEDCO has stated that 9184 no. of HT services have been facilitated with Modems out of 10400 no. of HT services and thus has achieved around 90%. For the remaining services, necessary communication facilities have to be arranged within 2 months and reported to the Commission.

7.1.18 Directive No.7.1.1 (o)

7.1.18.1 To implement Automated Meter Reading (AMR) technology for LT service connections progressively. Initially, a cluster where consumer density is high may be chosen and AMR may be implemented with suitable communication technology within 3 months of issue of this Order.

Compliance/Action taken by TANGEDCO:

7.1.18.2 Implementation of smart meters (post-paid) to 1.41 Lakhs of LT consumers by adopting RF Technology (Radio Frequency) in Chennai T.Nagar ABD (Area Based Development) area under smart city project scheme funded by M/s. CSCL Limited is under progress. T.Nagar has been selected as pilot area considering the consumer density, wherein RF communication can be effectively utilized. Smart Meters installation works started on 12.01.2021 and as on date total Smart meters installed quantity is approximately 82,300 Nos. Prepaid functionality can be included as and when required.

7.1.18.3 It has been proposed to extend approximately 1.66 Crores smart meter facility with prepaid functionality to all categories of LT consumer except Agriculture and Hut services under RDSS of GoI. Action Plan and Detailed Project Report has been approved by DRC (Distribution Reforms Committee) and the proposal will be submitted to the State Cabinet for approval which is under progress. After approval and sanction of the project by MoP, the work will be commenced.

Commission's views:

7.1.18.4 The Commission directed to select a cluster with high consumer density for implementation of AMR. TANGEDCO submitted that T.Nagar area was selected to implement the installation of 1.41 Lakhs of LT smart meters by adopting RF technology under Smart city project. Smart meters are installed in around 82,300 services. In this connection, TANGEDCO has to ensure fetching of 100% reading data and other data to its Server and reconcile the Assessment details with the physical assessment. The Licensee is directed to report the completion of implementation in this cluster, to the Commission. Moreover, the Licensee is directed to implement the Smart meter within the timeline target fixed by the Ministry of Power in its Notifications. Priority may be given to High consumption services in Local body, Government, Commercial, Industrial, etc., The progress report have to be submitted to the Commission on a quarterly basis.

7.1.19 Directive No.7.1.1 (p)

7.1.19.1 To file a Petition for determination of provisional tariff for new generating stations six 6 months before the expected COD.

Compliance/Action taken by TANGEDCO:

7.1.19.2 The status report on ongoing projects and the status on petition for determination of final tariff for new generating stations is submitted in Annexure - IX.

7.1.19.3 This directive is being complied with.

Commission's views:

7.1.19.4 TANGEDCO has furnished in its petition that many of the Projects in pipeline are expected to achieve its COD during this control period. TANGEDCO is directed to complete the projects early as scheduled. And also, TANGEDCO is directed to file the petition accordingly for fixation of provisional tariff six months before the expected COD.

7.1.20 Directive No.7.1.1 (q)

7.1.20.1 To file a Petition for determination of final tariff for new generating stations within six months after the COD.

Compliance/Action taken by TANGEDCO:

7.1.20.2 The status report on ongoing projects and the status on petition for determination of final tariff for new generating stations is submitted in Annexure - IX.

7.1.20.3 This directive is being complied with.

Commission's views:

7.1.20.4 TANGEDCO has furnished in its petition that many of the Projects in pipeline are expected to achieve its COD during this control period. TANGEDCO is directed to complete the projects early as scheduled. And also the TANGEDCO is directed to file the petition accordingly for fixation of final tariff within 6 months after the COD.

7.1.21 Directive No.7.1.1 (r)

7.1.21.1 To ensure that forecasting facility for wind generation is available to TANGEDCO. In order to make the forecasting more accurate, suitable in-house forecasting module may also be developed.

Compliance/Action taken by TANGEDCO:

7.1.21.2 Forecasting facility for wind generation is provided by PGCIL under REMC project and also in-house wind generation forecast is being carried out to manage day to day Grid operation.

7.1.21.3 This directive has been complied with.

Commission's views:

7.1.21.4 TANGEDCO was directed to ensure the forecasting facility for wind generation. In this connection, TANGEDCO has stated that in-house module is being developed. The Commission taken note of the submission and accepted.

7.1.22 Directive No.7.1.1 (s)

7.1.22.1 To re-programme the meters of all HT consumers to 15-minute time block within 3 months from the date of issue of this Order and start measuring Maximum Demand on 15-minute time block basis and raise bills accordingly after the prescribed time period.

Compliance/Action taken by TANGEDCO:

7.1.22.2 This directive has been complied with.

Commission's views:

7.1.22.3 TANGEDCO has stated that it has complied the direction for re-programming of 15 minute block basis measurement in the meter of all HT consumers, hence the Commission takes note of it and accepted.

7.1.23 Directive No.7.1.1 (t)

7.1.23.1 To implement separate metering/sub-metering arrangement for facilities such as gymnasium, community hall, amphitheatres, etc., inside the multi-tenement residential complex.

Compliance/Action taken by TANGEDCO:

7.1.23.2 New subcategory "Gymnasium, Community hall, Amphitheatres, Swimming Pool etc. inside the Multi-tenement Residential Complex" has been added under tariff LM51 in the LT billing software and necessary

instructions being issued to field officials to subcategorise the existing services properly as per the usage.

7.1.23.3 As per LT Billing Software, the no of consumers as on 15.02.2022 is stated below:

Region	No. of Consumers
CHENNAI-NORTH	52
CHENNAI-SOUTH	170
COIMBATORE	227
ERODE	9
MADURAI	17
TRICHY	8
TIRUNELVELI	15
VELLORE	4
VILLUPURAM	5
Total	507

Commission's views:

7.1.23.4 Even though TANGEDCO was directed way back in 5 years ago, it is understood from the reply of the TANGEDCO that the implementation of Tariff Order dated 11.08.2017 and progress of re-categorisation seems to be very low. Moreover, it is observed by the Commission that many consumers in multi-tenements were held under Section 135 of the Electricity Act 2003 instead of handling such categories under the procedure stipulated under Tariff Order. Reasonable time could have been permitted to such consumers for segregation with due Notice for the same. Now, a separate tariff LT-ID is proposed for common service connection. All these Service connections may be categorised under LT-ID

7.1.24 Directive No.7.1.1 (u)

7.1.24.1 To do the needful in collaboration with the Airports under Airports Authority of India, in order to levy HT IA tariff to Aeronautical Services and HT III Commercial/Miscellaneous Tariff to Non-Aeronautical services.

Compliance/Action taken by TANGEDCO:

7.1.24.2 It is informed that instructions have been issued to levy HT IA tariff to Aeronautical Services and HT III Commercial/Miscellaneous Tariff to Non-Aeronautical services by field officials on segregation of the loads of commercial. Action is being taken Airports authority in this regard. This directive is being complied with.

Commission's views:

7.1.24.3 TANGEDCO has stated that necessary action is being taken on this and hence the Commission taken note of it and accepted.

7.1.25 Directive No.7.1.1 (v)

7.1.25.1 To strive towards reducing a part of the Regulatory Assets by way of improving operational parameters as committed under the UDAY MoU.

Compliance/Action taken by TANGEDCO:

7.1.25.2 The progress in achieving the operational parameters under UDAY scheme is enclosed in Annexure- X. The Directive is being complied with.

Commission's views:

7.1.25.3 TANGEDCO has submitted its progress in respect of AT&C loss reduction trajectory (With/Without wheeling units, 11/22 kV Feeder metering, DT metering, Feeder Audit, Feeder improvement programme, Agricultural feeder separation, Installation of smart meters, Provision of LED bulbs, Energy efficient Agricultural pumps, Domestic connection, Implementation of ERP system. The progress on the above activities seems to be much lesser than the expected target.

7.1.26 Directive No.7.1.1 (w)

7.1.26.1 To achieve the action-plan with timelines as agreed upon in the UDAY MoU and file quarterly status update regarding the same.

Compliance/Action taken by TANGEDCO:

7.1.26.2 TANGEDCO is taking all necessary steps to reduce the ARR-ACS Gap as envisaged in UDAY MoU through internal efficiency of reducing expenditure, revenue augmentation by reducing AT & C losses thereby increasing revenue realization. The quarterly status has been updated in UDAY portal in a timely manner. This directive is being complied with.

Commission's views:

7.1.26.3 TANGEDCO has stated that Quarterly report is updated in UDAY portal on achievement of action plan. From the report, it is noticed that the AT&C loss reduction target given under UDAY is not achieved in any of the years upto 2019.

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