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**BEFORE THE HON'BLE GUJARAT ELECTRICITY REGULATORY
COMMISSION AT GANDHINAGAR**

Filing No. _____

Case No. _____

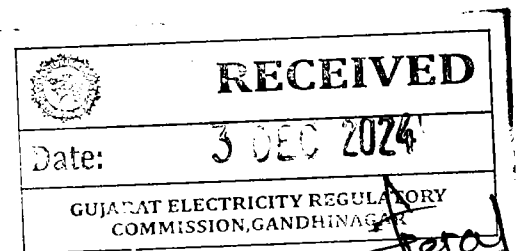
IN THE MATTER OF

Petition for revision of minimum quantum of purchase (in %) from renewable energy sources for FY 2023-24 under the provisions of Regulation 4.1 and 4.2 of GERC (Procurement of Energy from Renewable Sources) Regulations, 2010

AND

IN THE MATTER OF

Torrent Power Ltd.,
"Samanvay", 600, Tapovan,
Ambawadi, Ahmedabad – 380015



.....PETITIONER

THE PETITIONER ABOVE NAMED RESPECTFULLY FILES ITS SUBMISSIONS AS UNDER:

1. Torrent Power Limited, is a Company incorporated under the Companies Act, 1956. Torrent Power Ltd. (hereinafter referred to as "TPL-D" or the "Petitioner") is filing this petition in its capacity as the licensee of Ahmedabad, Gandhinagar, and Surat areas.
2. The Hon'ble Commission in exercise of the powers conferred under Sections 61, 66, 86 (1) (e) and 181 of the Electricity Act 2003 (36 of 2003), has issued the GERC (Procurement of Energy from Renewable Sources) Regulations, 2010 vide its Notification No. 03 of 2010 dated 17th April, 2010 (hereinafter referred to as

RPO Regulations) for promoting the sale of power from renewable energy sources and for procurement of energy from renewable sources by distribution licensee within the State of Gujarat. In the RPO Regulations, the Hon’ble Commission has specified the minimum percentage for procurement of power from Wind, Solar and Other Sources (“Obligation”). Subsequently, the Hon’ble Commission issued the Gujarat Electricity Regulatory Commission (Procurement of Energy from Renewable Sources) (First Amendment) Regulations, 2014 dated 04.03.2014 revising Obligation under RPO Regulations.

3. The Hon’ble Commission has further revised the Obligation through Gujarat Electricity Regulatory Commission (Procurement of Energy from Renewable Sources) (Third Amendment) Regulations, 2022 vide its Notification No. 1 of 2022 on 08th April, 2022. As per the said Notification, the RPO obligations of the obligated entities for FY 2023-24 is as under:

| Year | Minimum Quantum of purchase (in %) from renewable energy sources (in terms of energy in kWh) | | | | |
|------------|--|-------|-------|-------|-----------------------------|
| | Total | Wind | Solar | Hydro | Biomass, Bagasse and others |
| FY 2023-24 | 18.70% | 8.40% | 9.50% | 0.05% | 0.75% |

4. In compliance to the above, the Petitioner has made sincere efforts to fulfil the RPO through purchase of Renewable Energy and REC.
5. Accordingly, the status of compliance of RPO of TPL-D for FY 2023-24 is tabulated as under:

(In MUs)

| Particulars | TPL-D |
|--------------------------------------|-----------|
| Energy Requirement | 12,948.37 |
| Less: Units under Green Tariff | 11.71 |
| Net Energy Requirement | 12,936.66 |
| RE Procurement | |
| Wind energy to be procured (@8.40%) | 1,086.68 |
| Solar energy to be procured (@9.50%) | 1,228.98 |
| Hydro energy to be procured (@0.05%) | 6.47 |
| Biomass/Bagasse/Others (@0.75%) | 97.02 |

| Particulars | TPL-D |
|---|----------------|
| Total (18.70%) | 2,419.16 |
| | |
| Compliance (Non-Solar) | |
| Non-Solar | 991.83 |
| RE Attribute from WTE Plant | 2.50 |
| Compliance (as % of Energy Requirement) | 7.69% |
| | |
| Compliance (Hydro) | |
| Hydro | 1.16 |
| Hydro REC | - |
| Compliance (as % of Energy Requirement) | 0.01% |
| | |
| Compliance (Solar) | |
| Solar | 875.09 |
| Solar REC | - |
| Compliance (as % of Energy Requirement) | 6.76% |
| | |
| Total Compliance | 1870.58 |
| Less: Units under Green Tariff | 11.71 |
| Net Compliance | 1858.87 |
| | |
| Total Shortfall/(Surplus) | 560.29 |

6. In case of Hydro, the Petitioner submits that it has procured 1.16 MUs from Power Exchange. Accordingly, the Petitioner has achieved RPO compliance of 0.01%. Further, it may kindly be noted that the installed capacity for Hydro power category in the State of Gujarat is as under:

| Installed Capacity (MW) | Hydro |
|-------------------------|--------|
| As on 31-03-15 | 787.56 |
| As on 31-03-16 | 787.56 |
| As on 31-03-17 | 787.56 |
| As on 31-03-18 | 799.56 |
| As on 31-03-19 | 799.56 |
| As on 31-03-20 | 839.96 |
| As on 31-03-21 | 839.96 |
| As on 31-03-22 | 856.61 |
| As on 31-03-23 | 856.61 |
| As on 31-03-24 | 856.61 |

Source: SLDC

It may kindly be noted that the share of Gujarat from the above installed capacity is in the range of ~2.97-2.29% and same is entirely available only to the State Discoms. The Petitioner has not received any offer for supply of hydro power during FY 2023-24.

7. In case of solar, the Petitioner has made necessary arrangements to fulfil the compliance by sourcing power from long term arrangements and Power Exchange. Further, during FY 2023-24, the Petitioner has also procured Solar energy of 15.59 MUs from Power Exchange. Accordingly, the Petitioner could achieve RPO compliance of 6.76% against RPO target of 9.50%. In turn the Petitioner would like to submit as under:

- a. During FY 2023-24, the Petitioner has sourced solar power from 189.88 MW long term PPA. Further, the Petitioner has also procured Solar energy of 15.59 MUs from Power Exchange. The Petitioner has also purchased surplus solar power from 506 MW rooftop solar projects set up under net metering.
- b. During FY 2020-21 the Petitioner had initiated the competitive bidding process and has successfully tied up 450 MW solar power for TPL-D license areas.
- c. The original SCOD was November 2022. However, due to Force Majeure condition, there was no supply of electricity from this project during FY 2023-24.

8. In case of Non-Solar, the Petitioner has made efforts to fulfill its obligation by sourcing power from its long term arrangements and Power Exchange. Accordingly, the Petitioner has achieved RPO compliance of 7.69%. In turn, the Petitioner would like to submit the following:

- a. During FY 2023-24, the Petitioner has sourced wind power from 391.60 MW long term PPA. Further, the Petitioner has also procured Non Solar energy of 33.73 MUs from Power Exchange and 2.50 MUs of RE attribute

from Waste-to-Energy plant as per allocation by GUVNL, being the nodal agency.

- b. During FY 2017-18, the Petitioner had signed the tripartite agreement for procurement of power, from 15 MW MSW plant located at Gyaspur (Ahmedabad). This plant was scheduled to be commissioned in March 2021 but has been granted extension in SCOD by GUVNL, being the nodal agency. In turn, the plant was commissioned on 13th October, 2024. Thus, there was no supply of electricity from this project during FY 2023-24.
- c. The installed capacity for Biomass/Bagasse/Mini Hydro category in the State is as under.

| Installed Capacity (MW) | Biomass | Mini Hydro |
|-------------------------|---------|------------|
| As on 31-03-15 | 41.10 | 8.56 |
| As on 31-03-16 | 41.10 | 8.56 |
| As on 31-03-17 | 41.10 | 8.56 |
| As on 31-03-18 | 41.10 | 20.56 |
| As on 31-03-19 | 41.10 | 20.56 |
| As on 31-03-20 | 41.10 | 60.60 |
| As on 31-03-21 | 44.15 | 60.60 |
| As on 31-03-22 | 51.65 | 77.61 |
| As on 31-03-23 | 51.65 | 77.61 |
| As on 31-03-24 | 51.65 | 77.61 |

Source: SLDC

- d. It can be seen from the above that there is no capacity addition during FY 2014-15 to FY 2019-20 and FY 2022-23 to FY 2023-24 for Biomass. Capacity addition during FY 2020-21 & FY 2021-22 was not available to the Petitioner. Additionally, 12 MW capacity addition during FY 2017-18 & 40.04 MW during FY 2019-20 in Mini Hydro was not available to the Petitioner. During FY 2020-21 there has been no capacity addition in mini hydro. During FY 2021-22, it appears there is capacity addition of 17.01 MW in Hydro however, this was not available to the Petitioner. Also, during FY 2022-23 & FY 2023-24 there was no capacity addition. Further, it may also be noted that the Petitioner has not received any offer for supply of power from above sources during FY 2023-24.

- e. As against increase of the RPO for others category from 0.5% in FY 2018-19 to 0.75% during FY 2019-20 to FY 2023-24, there is no commensurate addition in the installed capacity.
 - f. Under the circumstances, the Petitioner requests the Hon'ble Commission to revise the target of 0.75% for others category for FY 2023-24.
9. Further, during FY 2023-24, the Petitioner has initiated the tendering process for procurement of 300 MW wind-solar hybrid power with green shoe option upto 150 MW. In turn, the Hon'ble Commission has been pleased to grant its approval. The SCOD of the project is 4th September, 2026. Hence, there was no supply of electricity from this project during FY 2023-24.
10. Based on the above, it can be seen that the actions taken by the Petitioner are bona fide.
11. The Regulation 4.2 of the Hon'ble GERC (Procurement of Energy from Renewable Sources) 2010 provides that:
- “4.2 The Commission may, suo-motu or at the request of a licensee, revise the percentage targets for a year as per clause 4.1 of these Regulations keeping in view supply constraints or other factors beyond the control of the licensee.”*
12. Based on the provision hereinabove, the Petitioner humbly requests the Hon'ble Commission to kindly revise the minimum percentage target for purchase of power from renewable energy sources for the FY 2023-24.

13. Prayers

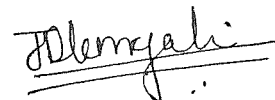
The Petitioner prays the Hon'ble Commission:

- a) To admit the petition.
- b) To revise the percentage target of purchase from renewable energy sources for FY 2023-24 keeping in view the supply constraints and the factors beyond the control of the licensee.
- c) To afford the reasonable opportunity of hearing to the Petitioner before passing any orders in the matter.
- d) To allow additions/ alterations/ changes/ modification to the submissions.
- e) To condone any inadvertent omissions/ errors/ shortcomings.
- f) To grant any other relief/s as it deems fit and appropriate under the circumstances of the case and in the interest of justice.

Declaration that the subject matter of above petition has not been raised by the Petitioner before any other competent forum, and that no other competent forum is currently seized of the matter or has passed any orders in relation thereto.

Place: Ahmedabad

Date: 02.12.2024



Authorized Signatory

BEFORE THE HON'BLE GUJARAT ELECTRICITY REGULATORY

Serial No. A-010155 /2024 COMMISSION AT GANDHINAGAR(PARESH G. BAROT)
NOTARY
GOVT. OF INDIA

- 2 DEC 2024

Filing No. _____

Case No. _____

IN THE MATTER OF

Petition for revision of minimum quantum of purchase (in %) from renewable energy sources for FY 2023-24 under the provisions of Regulation 4.1 and 4.2 of GERC (Procurement of Energy from Renewable Sources) Regulations, 2010

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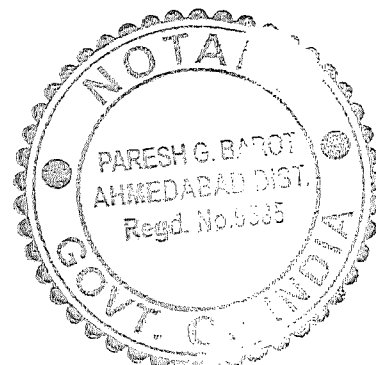
Torrent Power Ltd.,
"Samanvay", 600, Tapovan,
Ambawadi, Ahmedabad – 380015

.....PETITIONER

AFFIDAVIT

I, Jignesh Langalia, son of Shri Dhansukhbhai Langalia, aged about 49 years, working as Vice President of Torrent Power Limited, the Petitioner, having office at Samanvay, 600, Tapovan, Ambawadi, Ahmedabad – 380 015 do solemnly affirm and state on oath as under :

1. That I am duly authorized by the Petitioner Company to swear this Affidavit.



2. That the facts stated in the submissions are based on record and files of the
Petitioner Company and they are true and correct to my knowledge,
information and belief and I believe the same to be true.

Solemnly affirmed at Ahmedabad on this 02nd day of December, 2024.

[Signature]

(DEPONENT)

SOLEMNLY AFFIRMED
BEFORE ME
[Signature]
(PARESH G. BAROT)
NOTARY
GOVT. OF INDIA

- 2 DEC 2024

