

CENTRAL ELECTRICITY REGULATORY COMMISSION

NEW DELHI

Petition No. 05/SM/2024

Coram:

Shri Jishnu Barua, Chairperson

Shri Arun Goyal, Member

Shri Ramesh Babu V., Member

Date of Order: 02nd August, 2024

IN THE MATTER OF

Determination of the levellised generic tariff for the first year of the control period under Regulation 8 of the Central Electricity Regulatory Commission (Terms and Conditions for Tariff determination from Renewable Energy Sources) Regulations, 2024.

ORDER

1. The Commission has notified the Central Electricity Regulatory Commission (Terms and Conditions for Tariff determination from Renewable Energy Sources) Regulations, 2024, on 12.06.2024 (hereinafter referred to as "the RE Tariff Regulations"), which provide for terms and conditions and the procedure for determination of tariff of the following categories of Renewable Energy (RE) generating stations:
 - a. Small Hydro Projects;
 - b. Biomass Power Projects with Rankine Cycle technology;
 - c. Non-fossil fuel-based co-generation Project;
 - d. Biomass Gasifier based Power Projects;
 - e. Biogas based Power Projects
 - f. Refuse Derived Fuel based Municipal Solid Waste Power Projects;
2. As per Regulation 7 of the RE Tariff Regulations, the Commission shall determine project specific tariffs, on a case-to-case basis, for the following RE technologies:
 - a. Solar PV power projects, floating solar projects, and solar thermal power projects;
 - b. Wind power projects (both on-shore and off-shore);

- c. Biomass Projects, Biomass gasifier-based power projects, and biogas based power projects – if a project developer opts for project specific tariff;
 - d. Municipal solid waste-based power projects and refuse derived fuel based municipal solid waste power projects – if a project developer opts for project specific tariff;
 - e. Renewable hybrid energy projects;
 - f. Renewable energy with storage projects; and
 - g. Any other project based on new renewable energy sources or technologies approved by the Central Government.
3. Further, Regulation 8(1) of the RE Tariff Regulations provides as under:

“8. Petition and proceedings for determination of tariff

1) In case of renewable energy projects for which generic tariff has to be determined as per these regulations, the Commission shall determine such generic tariff prior to the commencement of year for each year of the Control Period:

Provided that for first year of Control Period i.e., from 01.07.2024 to 31.3.2025, the Generic Tariff Order shall be determined upon issuance of these regulations.”

- 4. The Commission, in the discharge of the mandate under Regulation 8(1) of the RE Tariff Regulations, is required to determine the generic tariff of the RE projects for the first year of the control period (i.e., from 01.07.2024 to 31.03.2025)
- 5. For this purpose, the Commission issued a Public Notice on 15.07.2024 along with a proposal for “Determination of the levellised generic tariff for the first year of the control period under Regulation 8 of the Central Electricity Regulatory Commission (Terms and Conditions for Tariff determination from Renewable Energy Sources) Regulations, 2024 and invited comments/suggestions/objections from the stakeholders. The last date for submission of comments/suggestions/objections was as 31.07.2024.
- 6. In response to this public notice, written comment/ suggestion/ objection was received from one stakeholder, namely, NSL Group of Companies.

7. The Commission has considered the comment/ suggestion/ objection of the stakeholder, and the analysis/ decision of the Commission thereon is dealt with in relevant paragraphs of this order.

8. Fuel Cost of Bagasse based Cogeneration Plants

Commission's Proposal

8.1 The Commission has proposed the following Bagasse fuel price in the Proposal for the "Determination of the levelled generic tariff for the first year of the control period under Regulation 8 of the Central Electricity Regulatory Commission (Terms and Conditions for Tariff determination from Renewable Energy Sources) Regulations, 2024 in Clause 51:

51. The Commission, as per Regulation 44 (1) of the RE Tariff Regulations, 2024, has specified the Bagasse fuel price during the first year of the Control Period in the following table:

States	Bagasse Price for 1st year of Control Period (Rs. /MT)
<i>Andhra Pradesh</i>	<i>2249</i>
<i>Haryana</i>	<i>3199</i>
<i>Maharashtra</i>	<i>3152</i>
<i>Punjab</i>	<i>2815</i>
<i>Tamil Nadu</i>	<i>2423</i>
<i>Telangana</i>	<i>2248</i>
<i>Uttar Pradesh</i>	<i>2509</i>
<i>Other States</i>	<i>2723</i>

Comment Received

8.2 NSL Group of Companies submitted that the price of bagasse fuel shall be equivalent to the price set by the Coal Ministry for G8 grade coal in the National Coal Index, updated regularly.

Analysis and Decision

8.3 Fuel cost for generic tariff determination is as per the RE Tariff Regulations, 2024. The fuel cost of the price of bagasse for the first year of the Control Period (i.e., from 01.07.2024-31.03.2025) is specified in Regulation 44(1) of the RE Tariff

Regulations, 2024. The review of the basis of fuel cost is outside the scope of the present exercise of determination of levellised generic tariff.

8.4 However, it would be pertinent to note that the Commission has also mentioned in the RE Tariff Regulations, 2024, that the Commission may review the bagasse price based on a study consequent to which the table of bagasse prices provided in the Regulation will be updated.

9. No other comment on any other parameter have been received. Hence, the Commission determines the levellised generic tariff for RE based generating Stations for the first year of the Control period (i.e. 01.07.2024-31.03.2025) as enclosed in Annexure – I to this Order

Sd/
[Ramesh Babu V.]
Member

Sd/
[Arun Goyal]
Member

Sd/
[Jishnu Barua]
Chairperson

New Delhi, 02.08.2024