

Draft Scheme for Supply of Round-The-Clock (RTC) Power for RE Power Projects, Complemented with Power from Thermal Power Projects

HIGHLIGHTS

Nodal Agency	Ministry of New and Renewable Energy (MNRE).
Applicable Technologies	<ul style="list-style-type: none">• Variable renewable energy sources (VRES).• Thermal (coal or gas) power plant (TPP).
Share of Energy	<ul style="list-style-type: none">• Annually, the generator must supply a minimum 51% from VRES and the remainder from TPP.• The generator also needs to maintain an 80% availability factor without affecting the above criterion. To facilitate this condition, usage of Energy Storage System may be implemented.

<p>Tariff</p>	<ul style="list-style-type: none"> • A composite single tariff for renewable energy complemented with thermal energy shall be quoted at the delivery point which shall be at the CTU interconnection point. • Transmission-related losses and charges from the delivery point shall be borne by the DISCOMs. • Generators shall access and bear the cost of obtaining open access for supply of power up to CTU/STU interconnection point. • Tariffs for solar, wind and small hydro power are not indexed with any prices, but tariffs for thermal power are indexed with the price of coal. • The composite tariff shall be divided into composite fixed charges and composite variable charges by the bidder. • The bids shall be evaluated for the composite levelised tariff. • If the bidder quotes a firm composite variable charge for all years of supply, then the bid will be evaluated based on the variable charge proposed and the composite tariff thereof. • As an alternative to dividing the composite levelised tariff into composite fixed charge and variable charge, the bidder may use normative composite fixed charges and variable charges in the ratio of 70:30.
----------------------	---

OTHER PROVISIONS

<p>Penalty</p>	<p>In the event of shortfall both in availability factor below 80% and shortfall in supply of VRES energy below 51% of the total power supplied, the maximum of two penalties shall be applicable as per State regulation.</p>
<p>RPO</p>	<ul style="list-style-type: none"> • VRES and Energy Storage System charged with VRES sources under this scheme are eligible for RPO compliance. • The apportionment of RPO between solar & non-solar may be on the lines of the principle adopted for hybrid plants.

Links

https://mnre.gov.in/sites/default/files/webform/notices/The__Draft%20RTC%20Scheme%20for%20MNRE%20Website.pdf