



Rajasthan Electricity Regulatory Commission

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PUBLIC NOTICE

In exercise of powers conferred under Section 86(1)(e), read with Section 181 of the Electricity Act, 2003, and all other provisions enabling it in this behalf, the Rajasthan Electricity Regulatory Commission having framed the following Draft Regulations, invites suggestions/comments from the interested persons before finalizing them.

1. Rajasthan Electricity Regulatory Commission (Renewable Energy Obligation) (Fifth Amendment) Regulations, 2018.
2. Rajasthan Electricity Regulatory Commission (Power Purchase & Procurement Process of Distribution Licensee) (Fifth Amendment) Regulations, 2018.

Notice is hereby issued inviting comments/suggestions on the above Draft Regulations from interested persons. The copy of the Draft Regulations may be obtained from the Receiving Officer of the Commission on payment of Rs. 100/-. The Draft Regulations are also available on Commission's website www.erc.rajasthan.gov.in.

The comments/suggestions if any should reach the Receiving Officer of the Commission on or before 20.09. 2018.

(Himanshu Khurana)
Secretary (I/C)

(Not to be published)

(Himanshu Khurana)
Secretary (I/C)



राजस्थान विद्युत विनियामक आयोग

विद्युत विनियामक भवन, स्टेट मोटर गैरेज के पास, सहकार मार्ग, जयपुर-302001

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सार्वजनिक सूचना

विद्युत अधिनियम, 2003 की धारा 86 (1) (ई), सहपठित धारा 181 एवं अन्य सभी प्रावधान जो इस संदर्भ में इसे सामर्थ्य प्रदान करते हैं, के अंतर्गत राजस्थान विद्युत विनियामक आयोग द्वारा निम्न प्रारूप विनियमों को अंतिम रूप देने से पूर्व आयोग द्वारा सभी इच्छुक व्यक्तियों से सुझाव/टिप्पणियाँ आमंत्रित की जाती हैं।

1. राजस्थान विद्युत विनियामक आयोग (अक्षय ऊर्जा बाध्यता) (पंचम संशोधन) विनियम, 2018.
2. राजस्थान विद्युत विनियामक आयोग (वितरण अनुज्ञापतिधारी की विद्युत क्रय एवं अधिप्राप्ति प्रक्रिया) (पंचम संशोधन) विनियम, 2018.

एतद्वारा उपरोक्त वर्णित प्रारूप विनियम की सूचना जारी कर इच्छुक व्यक्तियों से सुझाव/टिप्पणियाँ आमन्त्रित किये जाते हैं। प्रारूप विनियम की प्रतिलिपी आयोग के प्राप्तकर्ता अधिकारी के पास उपलब्ध है जिसे रु 100 का नकद भुगतान दे कर प्राप्त किया जा सकता है। प्रस्तावित विनियम आयोग की वेबसाईट www.erc.rajasthan.gov.in पर भी उपलब्ध हैं।

यदि कोई व्यक्ति सुझाव/टिप्पणियाँ देना चाहे तो आयोग के प्राप्तकर्ता अधिकारी को दिनांक 20.09.2018 तक या इससे पूर्व प्रस्तुत कर सकता है।

(हिमांशु खुराना)
सचिव (प्र)

(Not to be published)

(हिमांशु खुराना)
सचिव (प्र)

RAJASTHAN ELECTRICITY REGULATORY COMMISSION

NOTIFICATION

Jaipur, August, 2018

No. RERC/Secy/Regulation-

In exercise of the powers conferred under Section 86(1)(e) read with section 181 of the Electricity Act, 2003 and all power enabling it in this behalf, the Rajasthan Electricity Regulatory Commission makes the following Regulations to amend the RERC (Power Purchase & Procurement Process of Distribution Licensees) Regulations, 2004 (hereinafter referred to as 'the Principal Regulations'), namely:

1. Short title and commencement

- (1) These Regulations shall be called the "Rajasthan Electricity Regulatory Commission (Power Purchase & Procurement Process of Distribution Licensees) (Fifth Amendment) Regulations, 2018."
- (2) These Regulations shall come into effect from 01.04.2019.

2. Amendment in Regulation 4 (1A) of the Principal Regulations:

The following table along with proviso shall be added below the existing table:

S.No	Year	Obligation expressed as percentage of energy consumption (%) excluding consumption met from hydro sources of power.				
		Solar	Non-Solar			Total
			Wind	Biomass	Total	
1	2019-20	7.25	8.75	1.50	10.25	17.50
2	2020-21	8.75	8.75	1.50	10.25	19.00
3	2021-22	10.50	8.90	1.60	10.50	21.00

Provided that the energy generated from Biomass, Biogas, Biomass Gasifier and Municipal Solid Waste (MSW)/Waste-to-Energy (WtE) based sources shall be covered under the Biomass category:

Provided further that in case of insufficient availability of energy from Biomass based sources during a year, the shortfall can be made good by Wind Energy and to this extent, RPO for wind would be increased:

Provided also that on achievement of Solar RPO Compliance to the extent of 85% and above remaining shortfall if any, can be met by excess Non-solar energy purchased beyond specified Non-solar RPO for that particular year:

Provided also that on achievement of Non-Solar RPO Compliance to the extent of 85% and above, remaining shortfall if any can be met by excess solar energy purchased beyond specified Solar RPO for that particular year.

By Order,

(Himanshu Khurana)
Secretary (I/C)

Note:

1. Principal Regulations were published in Rajasthan Gazette Extraordinary Part-7 on 06.07.2004.
2. The Principal Regulations were amended vide:
 - i. Rajasthan Electricity Regulatory Commission (Power Purchase & Procurement Process of Distribution Licensees) (First Amendment) Regulations, 2006 notified in Rajasthan Gazette Extraordinary Part-7 on 02.01.2007.
 - ii. Rajasthan Electricity Regulatory Commission (Power Purchase & Procurement Process of Distribution Licensees) (Second Amendment) Regulations, 2011 notified in Rajasthan Gazette Extraordinary Part-7 on 31.05.2011.
 - iii. Rajasthan Electricity Regulatory Commission (Power Purchase & Procurement Process of Distribution Licensees) (Third Amendment) Regulations, 2014 notified in Rajasthan Gazette Extraordinary Part-7 on 10.07.2014.
 - iv. Rajasthan Electricity Regulatory Commission (Power Purchase & Procurement Process of Distribution Licensees) (Fourth Amendment) Regulations, 2017 notified in Rajasthan Gazette Extraordinary Part-7 on 10.07.2017.

RAJASTHAN ELECTRICITY REGULATORY COMMISSION

NOTIFICATION

Jaipur, August, 2018

No. RERC/Secy/Regulation-

In exercise of the powers conferred under Section 86(1)(e) read with section 181 of the Electricity Act, 2003 and all power enabling it in this behalf, the Rajasthan Electricity Regulatory Commission makes the following Regulations to amend the RERC (Renewable Energy Obligation) Regulations, 2007 (hereinafter referred to as the 'Principal Regulations'), namely:

1. Short title and commencement

- (1) These Regulations shall be called the "Rajasthan Electricity Regulatory Commission (Renewable Energy Obligation) (Fifth Amendment) Regulations, 2018."
- (2) These Regulations shall come into effect from 01.04.2019.

2. Amendment in Regulation 4 of the Principal Regulations:

- (1) The following table along with proviso shall be added below the existing tables appearing under the heading (A)

S.No.	Year	Obligation expressed as percentage of energy consumption (%) excluding consumption met from hydro sources of power.		
		Non-solar	Solar	Total
1	2019-20	10.25%	7.25%	17.50%
2	2020-21	10.25%	8.75%	19.00%
3	2021-22	10.50%	10.50%	21.00%

Provided that on achievement of Solar RPO Compliance to the extent of 85% and above remaining shortfall if any, can be met by excess Non-solar energy purchased beyond specified Non-solar RPO for that particular year.

Provided further that on achievement of Non-Solar RPO Compliance to the extent of 85% and above, remaining shortfall if any, can be met by excess solar energy purchased beyond specified Solar RPO for that particular year.

- (2) The following table shall be added below the existing tables appearing under the heading (B)

S.No.	Year	Obligation expressed as percentage of energy consumption(%) excluding consumption met from hydro sources of power
1	2019-20	17.50%
2	2020-21	19.00%
3	2021-22	21.00%

By Order,

(Himanshu Khurana)
Secretary (I/C)

Note:

1. Principal Regulations were published in Rajasthan Gazette Extraordinary Part-7 on 09.05.2007.
2. The Principal Regulations were amended vide:
 - i. Rajasthan Electricity Regulatory Commission (Renewable Energy Obligation) (First Amendment) Regulations, 2011 notified in Rajasthan Gazette Extraordinary Part-7 on 31.05.2011.
 - ii. Rajasthan Electricity Regulatory Commission (Renewable Energy Obligation) (Second Amendment) Regulations, 2014 notified in Rajasthan Gazette Extraordinary Part-7 on 30.05.2014.
 - iii. Rajasthan Electricity Regulatory Commission (Renewable Energy Obligation) (Third Amendment) Regulations, 2015 notified in Rajasthan Gazette Extraordinary Part-7 on 30.03.2015.
 - iv. Rajasthan Electricity Regulatory Commission (Renewable Energy Obligation) (Fourth Amendment) Regulations, 2017 notified in Rajasthan Gazette Extraordinary Part-7 on 07.06.2017.

RAJASTHAN ELECTRICITY REGULATORY COMMISSION, JAIPUR

EXPLANATORY MEMORANDUM

- I. Draft Rajasthan Electricity Regulatory Commission (Power Purchase & Procurement Process of Distribution Licensees) (Fifth Amendment) Regulations, 2018**
- II. Draft Rajasthan Electricity Regulatory Commission (Renewable Energy Obligation) (Fifth Amendment) Regulations, 2018.**

1. The Electricity Act, 2003 under Section 86 (1) (e) mandates the State Commission to specify a percentage of total consumption of electricity in the area of Distribution Licensees to be purchased from Renewable Energy (RE) Sources. The Tariff Policy earlier specified in 2006 by the GoI in compliance of Section 3 of the Act provides that the Appropriate Commission shall fix a minimum percentage for purchase of energy from non-conventional sources taking into account availability of such resources. The National Electricity Policy notified under Section 3 of the Act also expresses the need to fully exploit the feasible potential of non-conventional sources to create additional power generation capacity.
2. The Central Government has notified the revised tariff policy on 28.01.2016. According to Para 6.4 (1) of the Policy, the Appropriate Commission shall, pursuant to the provisions of Section 86 (1) (e) of the Act, fix a minimum percentage of the total consumption of electricity in the area of a distribution licensee for purchase of energy from renewable energy sources taking into account availability of such resources and its impact on retail tariffs. The Policy further provides that long term growth trajectory of Renewable Purchase Obligations (RPOs) will be prescribed by the Ministry of Power in consultation with MNRE.
3. In view of the above and in order to achieve the target of 175 GW of RE capacity by March 2022, MoP in consultation with MNRE, vide its Order No.22.07.2016 had notified the long term growth trajectory of Renewable Purchase Obligations (RPOs) for non-solar as well as solar energy uniformly for all States/ Union Territories initially for three years from 2016-17 to 2018-19. The obligation was on total consumption of electricity by an obligated entities, excluding consumption met from hydro sources of power.

4. In accordance with above and with a view to promote generation from RE sources, the Commission has specified from time to time the renewable purchase obligations (RPOs) for purchase of electricity generated from the renewable energy sources by the Obligated Entities-captive consumers, open access consumers and Distribution Licensees. Commission has specified RPO targets for Distribution Licensees under RERC (Power Purchase & Procurement Process of Distribution Licensees) Regulations, 2004 as amended from time to time. Further, the Commission has specified RPO targets for open access and captive consumers under RERC (Renewable Energy Obligations) Regulations, 2007 as amended from time to time (Both Regulations referred to as “the Principal Regulations” hereinafter). Commission while notifying the RPO targets for FY 2017-18 and FY 2018-19 adopted the long term growth trajectory of Renewable Purchase Obligation (RPOs) prescribed by vide above MoP order. The RPO targets specified by the Commission under the relevant Principal Regulations and currently in force for FY 2017-18 and FY 2018-19 are as under:

(A) For Distribution Licensees

S.No.	Year	Obligation expressed as percentage of energy consumption (%)			
		Wind	Biomass	Solar	Total
1	2017-18	8.20	1.30	4.75	14.25
2	2018-19	8.75	1.50	6.75	17.00

(B) For CPP & OA consumer with capacity of 1 MW & above, but less than 10 MW

S. No.	Year	Obligation expressed as percentage of energy consumption (%)
1.	2017-18	14.25
2.	2018-19	17.00

(C) CPP & OA consumers with total capacity of 10 MW & above:

S. No.	Year	Obligation expressed as percentage of energy consumption (%)		
		Non Solar	Solar	Total
1.	2017-18	9.50	4.75	14.25
2.	2018-19	10.25	6.75	17.00

5. It is observed from the above that RPO targets specified by the Commission for the Obligated Entities are applicable upto the FY 2018-19.
6. MoP vide its notification dated 14.06.2018 has now notified the long term growth trajectory of Renewable Purchase Obligations (RPOs) for all States/ Union Territories for three years from FY 2019-20 to FY 2021-22 as under:

Long term RPO trajectory	FY 2019-20	FY 2020-21	FY 2021-22
Non-Solar	10.25%	10.25%	10.50%
Solar	7.25%	8.75%	10.50%
Total	17.50%	19.00%	21.00%

The above obligations will be on total consumption of electricity by an obligated entities excluding consumption met from hydro sources of power. The notification further provides flexibility to the obligated entities that on achievement of either of RPO compliance to the extent of 85% and above, remaining shortfall if any, can be met by excess either of energy purchased beyond target specified for that particular year.

7. Commission has adopted the categorization of RPO targets as Solar, Wind and Biomass for distribution licensees with a view to promote all the categories. As per the prevailing trends amongst the non-solar category, though prices of wind power have shown reduction trend while other technologies Biomass, Biogas, Waste-to-Energy no such reduction is observed. However, these technologies also need to be promoted.
8. It is noticed from the results of the recent auction conducted for purchase of solar and wind power, the tariffs of solar and wind power have fallen over the time, therefore, procurement of power from such sources would not impact the retail tariff of the State distribution licensees.
9. In consideration of above, Commission proposes to adopt the RPO categories and percentages prescribed by MoP for a distribution Licensee for FY 2019-20 to FY 2021-22. However, the sub-categorization amongst non-solar category has been proposed to be continued to promote Bio-power based technologies. The flexibility provided earlier of meeting shortfall in Biomass RPO by wind power is also proposed to be continued.

10. In respect of captive and open access consumers, the earlier practice of categorization of RPO under solar and Non-solar RPO is proposed to be continued with while adopting the RPO targets prescribed by MoP for the years FY 2019-20 to FY 2021-22.
11. Considering the Policy guidelines notified by Gol, and foregoing paras, the following Amendments are proposed to be made in the Principal Regulations:
 - (1) Draft Rajasthan Electricity Regulatory Commission (Power Purchase & Procurement Process of Distribution Licensees) (Fifth Amendment) Regulations, 2018.
 - (2) Draft Rajasthan Electricity Regulatory Commission (Renewable Energy Obligation) (Fifth Amendment) Regulations, 2018.

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