



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) (Fourth Amendment) Regulations, 2016.
2. Rajasthan Electricity Regulatory Commission (Power Purchase & Procurement Process of Distribution Licensee) (Fourth Amendment) Regulations, 2016.
3. Rajasthan Electricity Regulatory Commission (Renewable Energy Certificate and Renewable Purchase Obligation Compliance Framework) (Second Amendment) Regulations, 2016.

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 25.10. 2016.

(G.K. Sharma)
Secretary

(Not to be published)

(G.K. Sharma)
Secretary



राजस्थान विद्युत विनियामक आयोग

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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 इन प्रारूप विनियमों को अंतिम रूप देने से पूर्व आयोग द्वारा सभी इच्छुक व्यक्तियों से सुझाव/टिप्पणियां आमंत्रित की जाती हैं।

1. राजस्थान विद्युत विनियामक आयोग (अक्षय ऊर्जा बाध्यता) (चतुर्थ संशोधन) विनियम, 2016.
2. राजस्थान विद्युत विनियामक आयोग (वितरण अनुज्ञप्तिधारी की विद्युत क्रय एवं अधिप्राप्ति प्रक्रिया) (चतुर्थ संशोधन) विनियम, 2016.
3. राजस्थान विद्युत विनियामक आयोग (अक्षय ऊर्जा प्रमाण पत्र तथा अक्षय क्रय बाध्य अनुपालना ढाँचा) (द्वितीय संशोधन) विनियम, 2016.

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 25.10.2016 तक या इससे पूर्व प्रस्तुत कर सकता है।

(जी.के. शर्मा)
सचिव

(Not to be published)

(जी.के. शर्मा)
सचिव

RAJASTHAN ELECTRICITY REGULATORY COMMISSION

NOTIFICATION

Jaipur, October , 2016

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 proposes 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) (Fourth Amendment) Regulations, 2016."
- (2) These Regulations shall come into effect from 01.04.2017.

2. Amendments in Regulation 2 of the Principal Regulations:

- A. The existing Regulation 2(1) II. shall be substituted as under:

'II. 'Renewable Energy' or 'RE' is the energy generated from the Renewable Energy Sources defined in RERC (Renewable Energy Certificate and Renewable Purchase Obligation Compliance Framework) Regulations, 2010 as amended from time to time.

Provided the cogeneration from sources other than Renewable Sources shall not be excluded from the applicability of RPOs.

- B. The Regulation 2(2) (II) shall be substituted as under:

'(II) Rajasthan Electricity Regulatory Commission (Terms and Conditions for Open Access) Regulations, 2016 as amended from time to time.

3. Amendment in Regulation 4 of the Principal Regulations:

The following new table shall be placed 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	2017-18	9.50%	4.75%	14.25%
2	2018-19	10.25%	6.75%	17.00%

The following new table shall be placed 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	2017-18	14.25%
2	2018-19	17.00%

4. The above proposed Amendments to the RERC (Renewable Energy Obligation) Regulations, 2007 are published for the information of persons likely to be affected thereby.
5. Objections/suggestions if any from persons likely to be affected may be submitted by 25.10.2016 on the above draft Amendment Regulations.

By Order

(G.K.Sharma)
Secretary

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.

RAJASTHAN ELECTRICITY REGULATORY COMMISSION

NOTIFICATION

Jaipur, October , 2016

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 proposes 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) (Fourth Amendment) Regulations, 2016."
- (2) These Regulations shall come into effect from 01.04.2017.

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

A new table along with Explanation shall be placed below the existing table:

S.No.	Year	Obligation expressed as percentage of energy consumption (%) excluding consumption met from hydro sources of power.			
		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

Explanation:

- (1) The energy generated from Biogas, Biomass, Biomass Gasifier and Municipal Solid Waste (MSW)/Waste-to-Energy (WtE) based sources shall be covered under the Biomass category.
- (2) 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.

3. The above proposed Amendment to the RERC (Power Purchase & Procurement Process of Distribution Licensees) Regulations, 2004 is published for the information of persons likely to be affected thereby.

4. Objections/suggestions if any from persons likely to be affected may be submitted by 25.10.2016 on the above draft Amendment Regulations.

By Order,

G.K.Sharma
Secretary

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.

RAJASTHAN ELECTRICITY REGULATORY COMMISSION

NOTIFICATION

Jaipur, October , 2016

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 proposes the following Regulations to amend the RERC (Renewable Energy Certificate and Renewable Purchase Obligation Compliance Framework) Regulations,2010 (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 Certificate and Renewable Purchase Obligation Compliance Framework) (Second Amendment) Regulations, 2016."
- (2) These Regulations shall come into effect from 01.04.2017.

2. Amendments in Regulation 3 of the Principal Regulations:

The following proviso shall be added below the existing Regulation 3(g) of the Principal Regulations:

"Provided that for the years 2017-18 and 2018-19, the consumption of the obligated entity as defined above shall exclude the consumption met from hydro sources of power."

3. The above proposed Amendment to the RERC (Renewable Energy Certificate and Renewable Purchase Obligation Compliance Framework) Regulations,2010 is published for the information of persons likely to be affected thereby.
4. Objections/suggestions if any from persons likely to be affected may be submitted by 25.10.2016 on the above draft Amendment Regulations.

By Order

(G.K.Sharma)
Secretary

Note:

Principal Regulations were published in Rajasthan Gazette Extraordinary Part-7 on 22.02.2011.

The Principal Regulations were amended vide Rajasthan Electricity Regulatory Commission (Renewable Energy Certificate and Renewable Purchase Obligation Compliance Framework) (First Amendment) Regulations, 2016 notified in Rajasthan Gazette Extraordinary Part-7 on 9.05.2016.

RAJASTHAN ELECTRICITY REGULATORY COMMISSION, JAIPUR

EXPLANATORY MEMORANDUM

- I. Draft Rajasthan Electricity Regulatory Commission (Power Purchase & Procurement Process of Distribution Licensees) (Fourth Amendment) Regulations, 2016**
 - II. Draft Rajasthan Electricity Regulatory Commission (Renewable Energy Obligation) (Fourth Amendment) Regulations, 2016.**
 - III. Draft Rajasthan Electricity Regulatory Commission (Renewable Energy Certificate and Renewable Purchase Obligation Compliance Framework) (Second Amendment) Regulations, 2016.**
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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 RE Sources. The Tariff Policy earlier specified in 2006 by the GoI in compliance of Section 3 of the Act also provided 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 express the need to fully exploit the feasible potential of non-conventional sources to create additional power generation capacity.
 2. 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 (RPO) from the renewable energy sources for the Obligated Entities. 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). The RPO targets specified by the Commission under the relevant Principal Regulations and currently in force are as under:

(A) For Distribution Licensees

S.No.	Year	Obligation expressed as percentage of energy consumption (%)			
		Wind	Biomass	Solar	Total
1	2014-15	6.80	0.70	1.50	9.00
2	2015-16	7.30	0.90	2.00	10.20
3	2016-17	7.80	1.10	2.50	11.40

(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.	2014-15	9.00
2.	2015-16	10.20
3.	2016-17	11.40

(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.	2014-15	7.50	1.50	9.00
2.	2015-16	8.20	2.00	10.20
3.	2016-17	8.90	2.50	11.40

3. It is observed from the above that RPO targets specified by the Commission for the Obligated Entities are applicable upto the FY 2016-17.
4. 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. Cost of purchase of renewable energy shall be taken into account while determining tariff by SERCs. Long term growth trajectory of Renewable Purchase Obligations (RPOs) will be prescribed by the Ministry of Power in consultation with MNRE. The policy also provides that cogeneration from sources other than Renewable Sources shall not be excluded from the applicability of RPOs.
5. Further, Para 6.4 (1) (i) of the Policy also provides that within the percentage so made applicable, to start with, the SERCs shall also reserve a minimum percentage for purchase of solar energy from the date of

notification of this policy which shall be such that it reaches 8% of total consumption of energy, excluding Hydro Power, by March 2022 or as notified by the Central Government from time to time.

6. In view the above provisions and in order to achieve the target of 1,75,000 MW of renewable capacity by March 2022, MoP in consultation with MNRE, vide its Order No.23.03.2016 –R&R dated 22.07.2016, has 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 as under:

Long term trajectory	2016-17	2017-18	2018-19
Non-Solar	8.75%	9.50%	10.25%
Solar	2.75%	4.75%	6.75%
Total	11.50%	14.25%	17.00%

The above obligations will be on total consumption of electricity by an Obligated Entity, excluding consumption met from hydro sources of power.

7. Considering the policy change notified by Gol, the following Amendments are required to be made in the Principal Regulations.
8. It is observed from foregoing paras that for the year 2016-17, the Non-solar RPO targets notified by MoP are on lower side as compared to the targets specified by the Commission in the Regulations, i.e., 8.75% against 8.90%. On the other hand, the Solar RPO targets notified by MoP are on higher side than specified by the Commission, i.e., 2.75% against 2.50%. The total RPO targets notified by MoP are marginally higher than those specified by the Commission, i.e., 11.50% as against 11.40% for FY 2016-17. It is observed that almost half of the FY 2016-17 is over and Obligated Entities might have also planned for RPO targets as already specified under the Regulations. With the position being so, the Commission considers it appropriate not to change the RPO targets already specified under the Regulations with respect to both Non-solar and Solar categories for the year FY 2016-17.

9. The Commission has specified RPO targets for a Distribution Licensee in terms of Wind, Biomass and Solar categories in contrast to Non-solar and Solar categories. In accordance with the principle outlined above, the Commission proposes to retain the RPO categories and percentages for a Distribution Licensee in respect of wind, biomass and solar energies for FY 2016-17.
10. For the years FY 2017-18 and FY 2018-19, considering the factors mentioned at para 4 above, it would be appropriate to adopt the RPO targets notified by MoP for both Non-solar and Solar categories. The Commission feels it appropriate to retain the categories of RE power as prevailing in the Principal Regulations.
11. As far as the Distribution Licensee is concerned, the yearwise Solar RPO targets notified by MoP for the years 2017-18 and 2018-19 have been adopted. The Biomass RPO target for FY 2016-17 has been increased 0.20% annually in line with existing trajectory to arrive at yearly targets for the above years. After deducting the yearly Biomass RPO targets so arrived at from the Non-solar RPO percentages notified by MoP for these years, the respective RPO targets for the wind category have been worked out. 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.
12. As the RPO for FY 2017-18 and FY 2018-19 is proposed to be applicable on consumption of electricity excluding consumption met from hydro sources of power, a proviso to the definition of consumption of obligated entity given at Regulation 3(g) of the RERC (Renewable Energy Certificate and Renewable Purchase Obligation Compliance Framework) Regulations, 2010 has accordingly been proposed.
13. The following draft Amendment Regulations have been prepared and proposed accordingly:
 - (1) Draft Rajasthan Electricity Regulatory Commission (Power Purchase & Procurement Process of Distribution Licensees) (Fourth Amendment) Regulations, 2016.
 - (2) Draft Rajasthan Electricity Regulatory Commission (Renewable Energy Obligation) (Fourth Amendment) Regulations, 2016.

- (3) Draft Rajasthan Electricity Regulatory Commission (Renewable Energy Certificate and Renewable Purchase Obligation Compliance Framework) (Second Amendment) Regulations, 2016.

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