

RAJASTAN ELECTRICITY REGULATORY COMMISSION

WHEREAS the Rajasthan Electricity Regulatory Commission have published in the Rajasthan Government Gazette on different dates the following, namely:-

Rajasthan Electricity Regulatory Commission (RERC), (Renewable Energy Obligation) Regulations, 2007;

(Notification No. : RERC/Secy/Reg/66, Dated: 23.03.2007)

- A. (Renewable Energy Obligation) Regulations, 2007; (First Amendment), 2011;
(Notification No. : RERC/Secy/Regulation-86, Dated: 24.05.2011)
- B. (Renewable Energy Obligation) Regulations, 2007; (Second Amendment), 2014;
(Notification No. : RERC/Secy/Regulation-108, Dated: 30.05.2014)
- C. (Renewable Energy Obligation) Regulations, 2007; (Third Amendment), 2015;
(Notification No. RERC/Secy/Regulation-112, Dated: 18.03.2015)
- D. (Renewable Energy Obligation) Regulations, 2007; (Fourth Amendment), 2017;
(Notification No. : RERC/Secy/Regulation-118, Dated: 07.06.2017)
- E. (Renewable Energy Obligation) Regulations, 2007; (Fifth Amendment), 2019;
(Notification No. : RERC/Secy/Regulation-125, Dated: 11.01.2019)
- F. (Renewable Energy Obligation) Regulations, 2007; (Sixth Amendment), 2020;
(Notification No. : RERC/Secy/Regulation-135, Dated: 04.02.2020)

- Inserted/ Replaced matter is shown as [J^A at appropriate place; wordings inserted/ replaced shown within square brackets;
- In both of above cases; -^A ; superscript A implies that change is caused by Amendment '1'.

NOTIFICATION Jaipur,

23 March 2007

No. RERC/Secy/Reg/ 66 In exercise of the powers conferred by section 86(1) (e) read with section 181 of the Electricity Act, 2003 (Act 36 of 2003) after previous publication, the Rajasthan Electricity Regulatory Commission makes the following Regulations, namely:

1. Short title and commencement:

These regulations will be called the Rajasthan Electricity Regulatory Commission (Renewable Energy Obligation) Regulations, 2007 and will come into force from the date of their publication in the Official Gazette or 01-04-2007 whichever is later.

2. ^B1 Definitions:

~~Unless the context otherwise requires for the purpose of this part;~~

¹Modified Regulation 2, vide Second Amendment (B), 2014

- (1) ~~'Captive Power Plant' or CPP shall have meaning as assigned in RERC (Tariff for CPP) Regulations, 2007 and shall also include stand alone CPP.~~
- (2) ~~'Renewable Energy' or 'RE' shall have meaning as assigned in RERC (Terms and Conditions for Determination of Tariff) Regulations, 2004 & shall include cogeneration.~~
- (3) ~~'Renewable Energy Surcharge' ('RE Surcharge') means the weighted average rate of renewable energy purchased by the distribution licensee.~~
- (4) ~~All words and expressions appearing in these regulations shall bear the meaning assigned to them in the following order:~~
 - (a) ~~The RERC (Tariff for CPP) Regulations, 2007.~~
 - (b) ~~The RERC (Terms and Conditions for Open Access) Regulations, 2004.~~
 - (c) ~~The Electricity Act 2003.~~

(1) *In these regulations unless the context otherwise requires;*

I. **Captive power plants or 'CPP'** shall have the same meaning as assigned in RERC (CPP) Regulations 2010.

^D~~II. **Renewable Energy or 'RE'** shall have meaning as assigned in RERC (Terms and Conditions for Determination of Tariff) Regulation, 2004 as amended from time to time & shall include cogeneration.~~

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 and shall include cogeneration.^D

^C~~III. Capacity for the purpose of regulation 4(2)(A) and 4(2)(B) of these Regulations shall mean the aggregate Contract Demand for a person availing supply from CPP or Discoms or through Open Access or combination thereof.~~^C

(2) *All words & expressions appearing in these regulations shall bear the same meaning assigned to them in the following order:*

(I) *The RERC (CPP) Regulations, 2010*

^D~~(II) *The RERC (Terms and Conditions for Open Access) Regulation 2004*~~

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

(III) *The Electricity Act, 2003.*^B

3. Applicability:

These Regulations will be applicable to the following;

- (1) Distribution licensee including deemed licensee;
- (2) Open access consumer;
- (3) Captive Power Plant of installed capacity 1 MW and above.

²Omitted and inserted definition (II) of sub-Regulation (1) of Regulation 2, vide Fourth Amendment (D), 2017

³Inserted definition (III) after definition (II) in sub-Regulation (1) of Regulation 2, vide Third Amendment (C), 2015.

⁴Omitted and inserted definition (II) of sub-Regulation (2) of Regulation 2, vide Fourth Amendment (D), 2017.

4. Renewable Energy Obligation (RE Obligation):

- (1) The RE Obligation shall be applicable on the electricity drawn from the CPP and through Open Access.

Sr. No.	Year	Obligation expressed as % age of total energy drawn other than from distribution licensee
1	2007-08	4.88%
2	2008-09	6.25%
3	2009-10	7.45%
4	2010-11	8.50%
5	2011-12	9.50%

- (2) Obligation for the minimum purchase of RE shall be as under;

Sr. No.	Year	Obligation expressed as percentage of energy consumption (%)
1	2011-12	6.00
2	2012-13	7.10
3	2013-14	8.20

~~For the purpose of this sub regulation, energy consumption shall mean 'consumption of obligated entity' as defined in regulation 3(g) of RERC (Renewable Energy Certificate and Renewable Purchase Obligation Compliance Framework) Regulations, 2010.^A~~

- (A) 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

^{F7} Provided also that for CPPs commissioned before 1.04.2016, RPO shall be at the level as mandated by the Commission for the year 2015-16. For CPPs commissioned from 1.04.2016 onwards, the RPO level as mandated by the Commission or Ministry of Power, whichever is higher, for the year of commissioning of the CPP shall be applicable.

Provided also that in case of any augmentation in the capacity, the RPO for augmented capacity shall be the RPO applicable for the year in which the CPP has been augmented.

⁵Omitted and inserted table of sub-Regulation (2) of Regulation 4, vide Second Amendment (B), 2014.

⁶Omitted and inserted table of sub-Regulation (2) of Regulation 4, vide First Amendment (A), 2011.

⁷ Inserted provisos after table (A) of sub-Regulation (2) of Regulation 4, vide Sixth Amendment (F), 2020.

Provided also that in case, for meeting the RPO obligation, CPP has surplus power than its consumption requirement, such a CPP may sell its surplus power to the DISCOMs under the prevailing arrangements, if any, or in the power exchange.]^F

^D 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%] ^D

^E S. No.	Year	Obligation expressed as percentage of energy consumption (%) excluding consumption met from hydro sources of power		
		Non-Solar	Solar	Total
1.	2018-19 (Revised)	8.60 %	4.75 %	13.35 %
2.	2019-20	9.00 %	6.00 %	15.00 %
3.	2020-21	9.40 %	7.25 %	16.65 %
4.	2021-22	9.80 %	8.50 %	18.30 %
5.	2022-23	10.10 %	9.50 %	19.60 %
6.	2023-24	10.50 %	10.50 %	21.00 %

Provided that on achievement of Solar RPO Compliance to the extent of 80% 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 80% and above, remaining shortfall if any can be met by excess solar energy purchased beyond specified Solar RPO for that particular year.]^F

(B) CPP & OA Consumers with capacity of 1MW and 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] ^B

⁸Inserted a new table after table (A) of sub-Regulation (2) of Regulation 4, vide Fourth Amendment (D), 2017.

⁹Inserted a new table and proviso below the table (A) of sub-Regulation (2) of Regulation 4, vide Fifth Amendment (E), 2019.

^F[¹⁰ Provided also that for CPPs commissioned before 1.04.2016, RPO shall be at the level as mandated by the Commission for the year 2015-16. For CPPs commissioned from 1.04.2016 onwards, the RPO level as mandated by the Commission or Ministry of Power, whichever is higher, for the year of commissioning of the CPP shall be applicable.

Provided also that in case of any augmentation in the capacity, the RPO for augmented capacity shall be the RPO applicable for the year in which the CPP has been augmented.

Provided also that incase, for meeting the RPO obligation, CPP has surplus power than its consumption requirement, such a CPP may sell its surplus power to the DISCOMs under the prevailing arrangements, if any, or in the power exchange]^F

^E [¹¹ S. No.	Year	Obligation expressed as percentage of energy consumption(%) excluding consumption met from hydro sources of power
1.	2018-19 (Revised)	13.35 %
2.	2019-20	15.00 %
3.	2020-21	16.65 %
4.	2021-22	18.30 %
5.	2022-23	19.60 %
6.	2023-24	21.00 %] ^F

^C[¹² **Note:** For the purpose of conversion of contract demand in MVA to capacity in MW, unity power factor shall be considered.]^C

^E[¹³ (3) The RE Obligation for a distribution licensee including deemed licensee shall be governed by the Rajasthan Electricity Regulatory Commission (Power purchase & procurement process of distribution licensee) Regulations, 2004.

The RE Obligation for a distribution licensee including deemed licensee for FY 2018-19 and onwards shall be as under:

S. No.	Year	Obligation expressed as percentage of energy consumption (%) excluding consumption met from hydro sources of power			
		Non-solar		Solar	Total
		Wind	Biomass		
1.	2018-19 (Revised)	8.00%	0.60%	4.75%	13.35%
2.	2019-20	8.30%	0.70%	6.00%	15.00%

¹⁰ Inserted provisos after table (B) of sub-Regulation (2) of Regulation 4, vide Sixth Amendment (F), 2020.

¹¹ Inserted a new table after table (B) of sub-Regulation (2) of Regulation 4, vide Fifth Amendment (E), 2019.

¹² Inserted a Note below the existing tables of sub-Regulation (2) of Regulation 4, vide Third Amendment (C), 2015.

¹³ Omitted and inserted sub-Regulation (3) of Regulation 4, vide Fifth Amendment (E), 2019.

3.	2020-21	8.60%	0.80%	7.25%	16.65%
4.	2021-22	8.90%	0.90%	8.50%	18.30%
5.	2022-23	9.10%	1.00%	9.50%	19.60%
6.	2023-24	9.40%	1.10%	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 80% 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 80% and above, remaining shortfall if any can be met by excess solar energy purchased beyond specified Solar RPO for that particular year.]^E

5. Payment of Renewable Energy surcharge for short fall in Obligation:

- (1) Any short fall to meet the RE obligation shall be subject to payment of RE surcharge by the distribution licensee, open access consumer and Captive Power Plant. The payment of renewable energy surcharge shall be made to State Transmission Utility (STU).
- (2) The surcharge collected by STU will be credited to a fund to be utilized for creation of transmission system infrastructure of Renewable Energy power plants.
- (3) RE surcharge will be as notified by the Commission from time to time. For the year 2007-08 the RE surcharge shall be Rs. 3.59/kwh and shall continue until revised.

Secretary