



भारत सरकार  
नवीन और नवीकरणीय ऊर्जा मंत्रालय  
GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY

Tarun Kapoor, IAS  
Joint Secretary

No.11/1/2016/EFM

16<sup>th</sup> January, 2016

Sir,

Sub.: **Renewable Energy provisions in the revised Tariff Policy- Long term growth trajectory of Renewable Purchase Obligations (RPOs) – reg.**

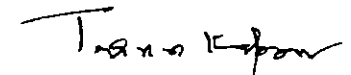
At the outset I convey our sincere thanks for provisions supporting Renewable Energy in the revised Tariff Policy.

2. I am writing this letter to seek your kind attention towards **Para 6.4 (i) of the revised Tariff Policy** notified vide resolution No. 23/2/2005-R&R (Vol-IX) and published in the Gazette of India on 28 January 2016. It inter-alia states that "Long term growth trajectory of Renewable Purchase Obligations (RPOs) will be prescribed by the Ministry of Power in consultation with MNRE.", and "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."

3. In view of the mandate of the Tariff Policy, the Ministry of Power is requested to issue the long-term RPO trajectory so as to reach 17 percent in the of total energy mix by the year 2022 including minimum 8% from solar at a uniform rate.

With regards,

Yours sincerely,

  
(Tarun Kapoor)

**Shri Pradeep Kumar Pujari**  
Secretary,  
Ministry of Power  
Shram Shakti Bhawan  
Rafi Marg  
New Delhi-110001



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Joint Secretary

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D.O.No.11/1/2016-EFM

16<sup>th</sup> February 2016

**Sub: Solar Renewable Purchase Obligations (Solar RPO) -  
regarding**

Dear

Please refer to the revised Tariff Policy published in the Gazette of India on 28th January 2016. It inter-alia states that "Long term growth trajectory of Renewable Purchase Obligations (RPOs) will be prescribed by the Ministry of Power in consultation with MNRE." , and "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."

2. I am enclosing tentative calculations for all the States and Union Territories to indicate the installed capacity requirement in mega-watts (MW) in order to fulfill the 8% Solar Renewable Purchase Obligations in 2022 and also meet the 1 lakh MW target fixed by Government of India. This has been calculated after deducting the hydro power consumption. The calculation is based on certain assumptions on capacity utilization factor (CUF) including rooftop solar and growth in the total energy consumption. This may further change depending on the actual growth in the total consumption of energy in the respective States. However as setting up of capacity takes time and solar power is now available at very competitive price, we request all the States to impress upon the distribution companies to procure solar power immediately in order to achieve the solar RPO well in advance for each year. The RPO fixed for solar may be considered as the minimum to be achieved. 1 lakh MW is the target which India has announced to the world and, therefore, we

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must achieve more than the announced target which can only happen with higher achievements coming from all the States.

With regards,

Yours sincerely,

Sd/-  
**(Tarun Kapoor)**

To

Principal Secretary / Secretary (Power) of all States / UTs

Principal Secretary / Secretary (Renewable Energy) of all States / UTs

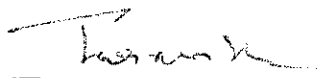
Copy to: Secretary, State Regulatory Commissions of all States / Joint Regulatory Commission and Secretariat of Forum of Regulators (FoR) – with a request that solar RPOs may be fixed in accordance with the Tariff Policy published in the Gazette of India on 28<sup>th</sup> January 2016.

Heads, State Nodal Agencies of MNRE.

Sd/-  
**(Tarun Kapoor)**  
**Joint Secretary, MNRE**

Copy also to: **Smt. Jyoti Arora**, Joint Secretary, Ministry of Power, Shram Shakti Bhawan, New Delhi

**Shri Santosh Vaidya**, Director, PMO, South Block, New Delhi

  
**(Tarun Kapoor)**  
**Joint Secretary, MNRE**

D.O.No. 11/1/2016-L/P/1  
Date: 16<sup>th</sup> Feb 2016

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STATE-WISE SOLAR RPO REQUIREMENT AS ON 2021-22

State	Solar RPO Required (2021-22)	Solar RPO Required (2021-22)
	(%)	(MW)
Andhra Pradesh	8%	5357
Arunachal Pradesh	8%	42
Assam	8%	801
Bihar	8%	2969
Chhattisgarh	8%	2171
Delhi	8%	1870
Goa	8%	369
Gujarat	8%	9403
Haryana	8%	4030
Himachal Pradesh	8%	521
Jammu & Kashmir	8%	1319
Jharkhand	8%	500
Karnataka	8%	5961
Kerala	8%	1429
Madhya Pradesh	8%	5636
Maharashtra	8%	12611
Manipur	8%	118
Mizoram	8%	76
Meghalaya	8%	182
Nagaland	8%	60
Odisha	8%	2200
Punjab	8%	3917
Rajasthan	8%	6556
Sikkim	8%	5
Tamil Nadu	8%	8903
Telangana	8%	4457
Tripura	8%	123
Uttarakhand	8%	561
Uttar Pradesh	8%	13248
West Bengal	8%	4603
Chandigarh	8%	50
Daman & Diu	8%	189
Dadar & Nagar Haveli	8%	502
Puducherry	8%	229
Total		100000