

F. No. 12/07/2023-RCM-Part(1)  
Government of India  
Ministry of Power  
(RCM Division)

Shram Shakti Bhawan, New Delhi  
Dated, 09<sup>th</sup> June 2023

**ORDER**

**Subject: Waiver of Inter-State Transmission Charges on transmission of the electricity generated from solar and wind sources of energy under Para 6.4 (6) of the Tariff Policy, 2016- Addendum- regarding.**


In continuation to the Ministry of Power Order Nos. 23/12/2016-R&R dated 23.11.2021, 30.11.2021, 01.12.2022, 06.12.2022 and Order No. 12/07/2023-RCM dated 29.05.2023 on the waiver of Inter-State Transmission (ISTS) Charges on transmission of the electricity generated from solar and wind sources of energy, the para 3.1 (vii) of the Order dated 30.11.2021 shall be substituted as under:

"(vii) for any solar, wind and sources mentioned in para 3.1 (i), (ii) and (iii) of the Order dated 23.11.2021, which is eligible for waiver of inter-state transmission charges and is having its scheduled date of commissioning on or before 30<sup>th</sup> June 2025 is granted extension of time from the commissioning by Ministry of New and Renewable Energy after careful consideration, on account of Force Majeure or for delay on the part of the transmission provider in providing the transmission even after having taken the requisite steps in time; or on account of delays on the part of any Government Agency, and the power plant is commissioned before the extended date; it will get benefit of waiver of inter-state transmission charges on the transmission of electricity generated by such power plant as if the said plant had been commissioned on or before 30<sup>th</sup> June 2025.

Provided that where a Renewable Energy generation capacity which is eligible for ISTS waiver in terms of the extant orders, is granted extension in COD by the competent authority, the commencement and the period of the LTA shall also get extended accordingly, and it will be deemed that the period of ISTS waiver is extended by the said period.

Provided also such extension in Date of Commissioning (CoD) of a project shall be granted for a period of six months at a time and not more than 2 times."

2. This issues with the approval of the approval of the **Hon'ble Minister of Power and New and Renewable Energy**.

A. Suresh 9/6/23

(Suresh Annepu)  
Director (RCM)  
Tel: 011- 2371 7737

To,  
Secretary, CERC, New Delhi

**Copy to:**

1. Secretary, MNRE, New Delhi.
2. Chairperson, Central Electricity Authority, New Delhi.
3. Secretary in charge, Power/Energy Dept., State Governments/UTs.
4. Secretary, State Electricity Regulatory Commissions/Joint Electricity Regulatory Commissions.

**Copy for information to:**

1. PS to Minister for Power and NRE, APS to MoSP.
2. Joint Secretaries/Chief Engineer/Economic Adviser, Ministry of Power.
3. Sr. PPS to Secretary (Power), Sr. PPS to AS (AT), PSO to CE (R&R).

**No. 12/07/2023-RCM**  
**Government of India**  
**Ministry of Power**

Shram Shakti Bhawan, New Delhi,  
Dated, the 29<sup>th</sup> May, 2023

**ORDER**

**Subject: Waiver of Inter-State Transmission Charges on transmission of the electricity generated from solar and wind sources of energy under Para 6.4 (6) of the Tariff Policy, 2016 - Addendum reg.**

In continuation to the Ministry of Power Orders No. 23/12/2016-R&R dated 23.11.2021, 30.11.2021, 01.12.2022 and 06.12.2022 on the waiver of Inter-State Transmission (ISTS) Charges on transmission of the electricity generated from solar and wind sources of energy, the following addendum is being issued.

2. Whereas it is deemed necessary to facilitate the execution of offshore wind energy initiatives, to promote the expansion of Green Hydrogen/Green Ammonia Projects, to promote development of Pump Storage Plants, and to encourage the off take of renewable energy from Energy Storage System Projects, it is duly resolved that:

- a. Offshore wind power projects commissioned on or before 31.12.2032 and established via Power Purchase Agreements (PPAs) or under merchant basis, shall be granted exemption from the payment of Inter-State Transmission (ISTS) Charges for a period of 25 years, starting from the date of commissioning of the project. Further, the offshore wind power projects commissioned after 31.12.2032 shall be levied ISTS charges as per the trajectory specified below:

<b>S. No.</b>	<b>Period of Commissioning of Offshore Wind Power Projects</b>	<b>Applicable ISTS Charges</b>
1	01.01.2033 to 31.12.2033	25% of the applicable ISTS charges
2	01.01.2034 to 31.12.2034	50% of the applicable ISTS charges
3	01.01.2035 to 31.12.2035	75% of the applicable ISTS charges
4	From 01.01.2036	100% of the applicable ISTS charges

- b. Green Hydrogen/Green Ammonia Plants commissioned on or before 31.12.2030, and which utilize renewable energy from Solar, Wind, Large Hydro commissioned after 8<sup>th</sup> March, 2019, or Energy Storage Systems (ESS) (such as Pump Storage Plants or Battery Energy Storage Systems) or any hybrid combination of aforementioned technologies, for the production of Green



Hydrogen or Green Ammonia, shall be granted exemption from the payment of ISTS Charges for a period of 25 years, starting from the date of commissioning of the project. Further, the Green Hydrogen/Green Ammonia Plants commissioned after 31.12.2030 shall be levied ISTS charges as per the trajectory specified below:

S. No.	Period of Commissioning of Green Hydrogen/ Green Ammonia Plants	Applicable ISTS Charges
1	01.01.2031 to 31.12.2031	25% of the applicable ISTS charges
2	01.01.2032 to 31.12.2032	50% of the applicable ISTS charges
3	01.01.2033 to 31.12.2033	75% of the applicable ISTS charges
4	From 01.01.2034	100% of the applicable ISTS charges

- c. Further, in partial modification of clause 3.2 of the order dated 23.11.2021, the waiver of ISTS charges for Hydro PSP project has been made subject to 'award of construction work' instead of 'commissioning' mentioned earlier.
- d. Drawee entities, including Green Hydrogen/Green Ammonia Plants and Discoms, which contract energy (or capacity) from an ESS Project/Scheme, shall be granted exemption from the payment of ISTS Charges if they draw a minimum of 51% of the annual energy contracted with or consumed from ESS as renewable energy.
- e. The waiver shall be allowed only for ISTS charges but not for ISTS losses.
3. Further, if a Renewable Energy Project, which is eligible for ISTS waiver in terms of extant orders, is granted extension in Date of Commercial Operation (COD) by the competent authority, the project would not be deprived from applicable waiver of ISTS charges based on the original COD.
4. This order shall be applied prospectively i.e., from the date of issue of this order.
5. This issues with the approval of **Hon'ble Minister of Power and New and Renewable Energy**.

*A. Suresh* 29/12/2023

(Suresh Annepu)  
Director (RCM)  
Tel: 011- 2371 7737

To,  
Secretary, CERC, New Delhi

**Copy to:**

1. Secretary, MNRE, New Delhi.
2. Chairperson, Central Electricity Authority, New Delhi.
3. Secretary in charge, Power/Energy Dept., State Governments/UTs.
4. Secretary, State Electricity Regulatory Commissions/Joint Electricity Regulatory Commissions.

**Copy for information to:**

1. PS to Minister for Power and NRE, APS to MoSP.
2. Joint Secretaries/Chief Engineer/Economic Adviser, Ministry of Power.
3. Sr. PPS to Secretary (Power), Sr. PPS to AS (AT), PSO to CE (R&R).

No.23/12/2016-R&R  
Government of India  
Ministry of Power  
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Shram Shakti Bhawan, New Delhi,  
Dated, the 6<sup>th</sup> December, 2022

**ORDER**

**Subject: Waiver of inter-state transmission charges on transmission of the electricity generated from solar and wind sources of energy under Para 6.4 (6) of the Tariff Policy, 2016- Addendum regarding.**

In continuation to the Ministry of Power Orders No. 23/12/2016-R&R dated 23.11.2021, dated 30.11.2021 and dated 01.12.2022 regarding the waiver of inter-state transmission charges on transmission of the electricity generated from solar and wind sources of energy, the following para shall be added after para 5.0 of the Order dated 23.11.2021:

5.1 As per section 2 (36) of the Electricity Act, 2003,

*"inter- State transmission system" means*

*(i) any system for the conveyance of electricity by means of main transmission line from the territory of one State to another State;*

*(ii) the conveyance of electricity across the territory of an intervening State as well as conveyance within the State which is incidental to such inter-State transmission of electricity;*

*(iii) the transmission of electricity within the territory of a State on a system built, owned, operated, maintained or controlled by a Central Transmission Utility;*

Thus, an intra-State transmission system which is used for the conveyance of electricity across the territory of an intervening State as well as conveyance within the State which is incidental to such inter-State transmission of electricity, shall be included for sharing of inter- state transmission charges. Any waiver of inter-state transmission charges that applies to Inter-state transmission systems shall also be applicable to such parts of the Intra-state transmission. The transmission charges of such Intra-state transmission system shall be reimbursed by the CTU as is being done for ISTS system. Concerned Regional Power Committee may through studies identify such lines.

2. This issues with the approval of Competent Authority.

(Dr. P.K. Sinha)  
Deputy Secretary to the Govt. of India  
Tel: 011- 2373 6275

To

Secretary, CERC, New Delhi

**Copy to:**

1. Secretary, MNRE, New Delhi.
2. Chairperson, Central Electricity Authority, New Delhi.
3. Secretary in charge, Power/Energy Dept., State Governments/UTs.
4. Secretary, State Electricity Regulatory Commissions/Joint Electricity Regulatory Commissions.

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3. Sr. PPS to Secretary (Power), Sr. PPS to AS (AT), PSO to CE (R&R).



F.No. 23/12/2016- R&R (MoP)  
Government of India  
Ministry of Power  
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Shram Shakti Bhawan, Rafi Marg  
New Delhi, dated the 1<sup>st</sup> December, 2022

**ORDER**

**Subject: Waiver of ISTS charges for transmission of power from Hydro Power Plants.**

This is in continuation to this Ministry's Orders No. 23/12/2016-R&R dated 23.11.2021 and dated 30.11.2021 regarding Waiver of inter-state transmission charges on transmission of the electricity generated from solar and wind sources of energy.

2. Large Hydro Projects (>25 MW) have been declared as Renewable Energy sources vide MoP O.M. no 15/2/2016-H-I(Pt.) dated 08.03.2019. With a view to encourage faster capacity addition of hydro power projects, the following is notified in accordance with sub-rule 12 of rule 5 of the Electricity (Transmission System Planning, Development and Recovery of Inter-State Transmission Charges) Rules, 2021:

(i) No ISTS charges shall be levied for the transmission of power from Hydro Power Projects where construction work is awarded and PPA is signed till 30.06.2025.

(ii) ISTS charges shall be levied for transmission of power from Hydro Power Projects where construction work is awarded and PPA is signed after 30.06.2025 as per the following trajectory:


S. No.	Award of construction work + Signing of PPA	ISTS charges
1.	01.07.25 to 30.06.26	25% of applicable ISTS charges
2.	01.07.26 to 30.06.27	50% of applicable ISTS charges
3.	01.07.27 to 30.06.28	75% of applicable ISTS charges
4.	from 01.07.28	100% of applicable ISTS charges

(iii) The waiver/or concessional charges as shown in table above shall be applicable for a period of 18 years from the date of commissioning of the hydro power plants.

(iv) The waiver shall be allowed for Inter-state transmission charges only and not losses.

(v) The waiver would be made applicable from prospective date. No waiver would be provided to the capacity where PPAs have already been signed.

3. This issues with the approval of Competent Authority.

  
(Debranjana Chattopadhyay)  
Deputy Secretary to the Govt. of India  
Tel. 23715250



To

Secretary, CERC, New Delhi.

Copy to:

1. Secretary, MNRE, New Delhi.
2. Chairperson, Central Electricity Authority, New Delhi.
3. Pr. Secy/Secy/ACS in charge, Power/ Energy Dept., State Governments/ UTs.
4. Secretary, State Electricity Regulatory Commissions/ Joint Electricity Regulatory Commissions.

Copy for information to:

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2. Joint Secretaries/ Chief Engineer/ Economic Adviser, Ministry of Power.
3. Sr. PPS to Secretary (Power), PPS to SS&FA (AU), Sr. PPS to AS (AT), PSO to CE (R&R)

No.23/12/2016-R&R

Government of India

Ministry of Power

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Shram Shakti Bhawan, New Delhi,

Dated, the 30<sup>th</sup> November, 2021

**ORDER**

**Subject: Waiver of inter-state transmission charges on transmission of the electricity generated from solar and wind sources of energy under Para 6.4 (6) of the Tariff Policy, 2016- Addendum regarding.**

In continuation to the Ministry of Power Order No. 23/12/2016-R&R dated 23.11.2021 and in supersession of order dated 26.11.2021 regarding the waiver of inter-state transmission charges on transmission of the electricity generated from solar and wind sources of energy, I am directed to convey that the following para will be added after para 3.1 (vi) of the Order dated 23.11.2021:

(vii) for any solar, wind and sources mentioned in para 3.1 (ii) and (iii) of the Order dated 23.11.2021, which is eligible for waiver of inter-state transmission charges and is having its scheduled date of commissioning on or before 30th June 2025 is granted extension of time from the commissioning by Ministry of New and Renewable Energy after careful consideration, on account of Force Majeure or for delay on the part of the transmission provider in providing the transmission even after having taken the requisite steps in time; or on account of delays on the part of any Government Agency, and the power plant is commissioned before the extended date; it will get benefit of waiver of inter-state transmission charges on the transmission of electricity generated by such power plant as if the said plant had been commissioned on or before 30th June 2025:

Provided also that where a Renewable Energy generation capacity which is eligible for ISTS waiver in terms of the extant orders, is granted extension in COD by the competent authority, the commencement and the

period of the LTA shall also get extended accordingly, and it will be deemed that the period of ISTS waiver is extended by the said period.

2. I am further directed to convey that the following para shall be added after para 3.2 of the Order dated 23.11.2021:

3.3 ISTS charges shall be waived for Solar PV power plants commissioned under SECI Tender for manufacturing linked capacity scheme (RFS No SECI/C&P/RfS/2GW Manufacturing/P-3/R1/062019 dated 25.06.2019) for sale to entities having RPO, irrespective of whether this power is within RPO or not.

3. This issues with the approval of Competent Authority.

  
(Ghanshyam Prasad)

Joint Secretary to the Govt. of India

Tel: 011- 2371 0389

To

Secretary, CERC, New Delhi

**Copy to:**

1. Secretary, MNRE, New Delhi.
2. Chairperson, Central Electricity Authority, New Delhi.
3. Secretary in charge, Power/Energy Dept., State Governments/UTs.
4. Secretary, State Electricity Regulatory Commissions/Joint Electricity Regulatory Commissions.

**Copy for information to:**

1. PS to Minister for Power and NRE, APS to MoSP.
2. Joint Secretaries/Chief Engineer/Economic Adviser, Ministry of Power.
3. Sr. PPS to Secretary (Power), PPS to AS (SKGR), PPS to AS (VKD), Sr. PPS to JS (R&R)



No. 23/12/2016-R&R  
Government of India  
Ministry of Power

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Shram Shakti Bhawan, Rafi Marg.  
New Delhi, 23<sup>rd</sup> November, 2021

ORDER

**Subject: Waiver of inter-state transmission charges on transmission of the electricity generated from solar and wind sources of energy under Para 6.4(6) of the Tariff Policy, 2016.**

- 1.0 In exercise of the powers conferred under section 3(3) of Electricity Act, 2003, the Central Government notified the revised Tariff Policy on 28.01.2016.
- 2.0 In accordance with the Para 6.4(6) of the Tariff Policy 2016, Ministry of Power issued Order No. 23/12/2016-R&R dated 30.09.2016 on waiver of inter-state transmission charges on transmission of the electricity generated from solar and wind sources of energy. This order was amended vide orders dated 14.06.2017, 13.02.2018, 06.11.2019, 05.08.2020, 15.01.2021 and 21.06.2021.
- 3.0 With a view to encourage faster capacity addition based on solar or wind energy sources, in supersession of aforesaid orders and in accordance with para 6.4 (6) of the Tariff Policy, 2016 and sub-rule 12 of rule 5 of the Electricity (Transmission System Planning, Development and Recovery of Inter-State Transmission Charges) Rules, 2021, the following are notified:
  - 3.1 For the solar, wind, Hydro PSP and BESS Projects commissioned upto 30.06.2025, the waiver of inter-state transmission charges shall be applicable for the following:
    - (i) Solar or wind energy generation set up by any person/entity. The power generated from such sources can be self consumed or sold to any entity either through competitive bidding, Power Exchange or through bilateral agreement.
    - (ii) Electricity from solar and/or wind sources used by Hydro Pumped Storage Plant (PSP) and Battery Energy Storage System (BESS) projects and subject to the following conditions:
      - (a) atleast 51% of the annual electricity requirement for pumping of water in the Hydro Pumped Storage Plant is met by use of electricity generated from solar and/or wind power plants.
      - (b) atleast 51% the annual electricity requirement for charging of the Battery Energy Storage System is met by use of electricity generated from solar and/or wind power plants.

- (iii) Electricity generated / supplied from such Hydro PSP and BESS power plants as mentioned in (ii) above.
- (iv) For trading of electricity generated/supplied from solar, wind and sources mentioned in (ii) and (iii) above, in Green Term Ahead Market (GTAM) and Green Day Ahead Market (GDAM) are upto 30.06.2025.
- (v) For Green Hydrogen production plants commissioned upto 30.06.2025, i.e Hydrogen produced using the electricity produced from solar, wind and sources mentioned in (ii) and (iii) above. This waiver shall be applicable for a period of 8 years from the date of commissioning of such hydrogen plant.
- (vi) For the power generated from solar and wind energy as per RE bundling scheme issued by Ministry of Power on 16.11.2021. Provided that the evacuation of this solar and/or wind power is being made from the main substation of the Thermal/Hydro power plant and this does not lead to any additional cost in augmentation of transmission system.

Further, no transmission charges for use of Inter State Transmission System (ISTS) shall be levied, when solar and/or wind power from power plant situated at one Thermal/Hydro Generating Station is supplying to procurers of another Generating Station, of the same Generating Company, located at a different location.

- 3.2 In order to have long term visibility and certainty to the renewable power generation, it is also provided that ISTS charges shall be levied for the solar, wind, Hydro PSP and BESS Projects commissioned after 30.06.2025, gradually as per following trajectory:

S.No.	Period of Commissioning	Inter-State Transmission Charges
1	01.07.2025 to 30.06.2026	25 % of the applicable ISTS charges
2	01.07.2026 to 30.06.2027	50% of the applicable ISTS charges
3	01.07.2027 to 30.06.2028	75% of the applicable ISTS charges
4	From 01.07.2028	100% of the applicable ISTS charges

- 4.0 The waiver shall be applicable, for a period of 25 years for solar, wind and Hydro PSP or for a period of 12 years for BESS or for a period subsequently notified for future projects by the Central Government, from the date of commissioning of the power plant.
- 5.0 It is also clarified that waiver is allowed for Inter-state transmission charges only and not losses. However, it is clarified that waiver of losses shall be applicable for the projects whose bidding was completed upto 15.01.2021.



6.0 This order shall be applied prospectively i.e. from the date of issue of order.

7.0 This issues with the approval of Minister for Power and NRE.



(Ghanshyam Prasad)

Joint Secretary to the Govt. of India

Tel: 2371 0389

To

Secretary, CERC, New Delhi.

Copy to:

1. Secretary, MNRE, New Delhi.
2. Chairperson, Central Electricity Authority, New Delhi.
3. Secretary in charge, Power/Energy Dept., State Governments/UTs.
4. Secretary, State Electricity Regulatory Commissions/Joint Electricity Regulatory Commissions.

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