

**PUNJAB STATE ELECTRICITY REGULATORY COMMISSION**

SITE NO. 3, BLOCK B, SECTOR 18-A, MADHYA MARG, CHANDIGARH

**Petition No. 29 of 2024**  
**Date of Order: 11.09.2024**

Petition for the Determination of Additional Surcharge 42 (4) of the Indian Electricity Act-2003 read with Regulation 27 of the Punjab State Electricity Regulatory Commission (Terms and Conditions for Intra-State Open Access) Regulation, 2011 to be made applicable on to the open access consumers availing power from the sources other than PSPCL for the period 01.04.2024 to 30.09.2024.

AND

In the matter of:

Punjab State Power Corporation Limited,  
The Mall, Patiala.

.....Petitioner

Commission:

Sh. Viswajeet Khanna, Chairperson:  
Sh. Paramjeet Singh, Member

PSPCL:

Ms. Harmohan Kaur, CE&ARR/TR  
Sh. Harjeet Singh, ASE/TR  
Sh. Amrinder Singh Virk, Sr.Xen  
Sh. Rajvir Singh, AEE/OA

**ORDER:**

1. Punjab State Power Corporation Limited (PSPCL) has filed the present petition for determination of applicable additional surcharge for the period 01.04.2024 to 30.09.2024, to be levied on the open access consumers receiving supply of electricity from sources other than PSPCL. The submissions made by PSPCL are summarized as under:

- a) PSPCL has submitted detailed data including hourly-

based (Month-wise) data for Total Availability/ Total Scheduled Power/ Total Surrendered Power of the corresponding period of the previous year i.e. 01.04.2023 to 30.09.2023, for the computation of the applicable additional surcharge.

- b) From the detail of the data submitted, it is evident that, PSPCL has adequate generating capacities available to meet the entire power demand of the consumers of PSPCL including the open access consumers during the relevant period. Therefore, in the event of sourcing of power by open access consumers from sources other than PSPCL, part of the available generating capacity is likely to remain stranded during the period from April 2024 to September, 2024.
- c) The Provisions regarding additional surcharge are made in Para 8.5 of the Tariff Policy and Regulation 27 of the PSERC (Terms and Conditions for Intra-State Open Access) Regulation, 2011. The Commission has notified the above Regulations in accordance with the provisions of the Electricity Act, 2003 and the National Tariff Policy, so as to compensate the distribution licensee for its stranded generation capacity arising out of its universal supply obligations. The additional surcharge is payable under the Regulations notwithstanding that only the inter-state transmission system is being used for availing open access and even when the lines of transmission/distribution licensee are not used.
- d) The burden of fixed cost is adversely affecting the

financial interests of PSPCL, which in turn is affecting the consumers in the State buying power from PSPCL. As such, it is necessary that Additional Surcharge as provided under Section 42(4) of the Electricity Act, 2003 and the PSERC Open Access Regulations be determined and made applicable to open access consumers in the State.

2. The additional surcharge for the period 01.04.2024 to 30.09.2024 was to be made public before 01.04.2024. PSPCL failed to file the petition for determination of Additional Surcharge for the period 01.04.2024 to 30.09.2024 in time. As such the Commission, vide Order dated 28.03.2024 in Petition No. 04 of 2024, allowed the continuation, provisionally, of the additional surcharge as determined vide Order dated 6.10.2023 in petition No. 28 of 2023, till the time PSPCL files the said petition and the final Order in the said petition is passed. PSPCL filed the petition on 11.06.2024. The petition was placed before the Commission for admission and after considering the averments made in the petition, the Commission observed that the figures submitted by PSPCL in Annexure- C, D, F and G of the Petition were not matching with the figures mentioned in Annexure- L of the Petition. PSPCL was directed vide Interim Order dated 01.07.2024 to reconcile the various figures submitted in the Petition without any delay.
3. PSPCL vide letter No. 6072 dated 22.07.2024 submitted that figures submitted in the petition have been reconciled and revised. PSPCL calculated the additional surcharge with reconciled figures as Rs. 1.29/kWh for full open access consumers and Rs. 0.89/kWh for partial open access consumers against Rs. 1.55/kWh for full

open access consumers and Rs. 1.15/kWh for partial open access consumers submitted in the original petition.

4. The Commission admitted the petition vide Order dated 26.07.2024. PSPCL was further directed to publish a public notice inviting suggestions/objections from the public/stakeholders as required under Regulation 67 of the PSERC (Conduct of Business) Regulations 2005. The petition was fixed for hearing as well public hearing on 04.09.2024.
5. The public notice was published by PSPCL in the newspapers "The Tribune", "Jag Bani" and "Punjab Kesri" on 31.07.2024 with the last date for submission of objections as 21 days from the date of publication of the notice.
6. The petition was taken up for hearing as well as public hearing on 04.09.2024. However, nobody appeared from the public during the public hearing except representatives of PSPCL. After hearing the representative appearing on behalf of PSPCL, Order was reserved vide interim Order dated 06.09.2024.

## **7. Findings and Decision of the Commission**

The Commission has examined the averments made in the petition and decides as follows:

- 7.1 The Electricity Act-2003, Tariff Policy- 2016 and PSERC Open Access Regulations, 2011 as amended from time to time provide for payment of Additional Surcharge by Open Access consumers receiving supply of electricity from a person other than the distribution licensee of his area of supply, to meet the fixed cost of such distribution licensee arising out of his obligation to supply. The various regulatory provisions related

to additional surcharge are as under:

**Section 42(4) of the Electricity Act, 2003**

*“4) Where the State Commission permits a consumer or class of consumers to receive supply of electricity from a person other than the distribution licensee of his area of supply, such consumer shall be liable to pay an additional surcharge on the charges of wheeling, as may be specified by the State Commission, to meet the fixed cost of such distribution licensee arising out of his obligation to supply.”*

**Clause 8.5.4 of Tariff Policy**

*“The additional surcharge for obligation to supply as per section 42(4) of the Act should become applicable only if it is conclusively demonstrated that the obligation of a licensee, in terms of existing power purchase commitments, has been and continues to be stranded, or there is an unavoidable obligation and incidence to bear fixed costs consequent to such a contract. The fixed costs related to network assets would be recovered through wheeling charges.”*

**Regulation 27 of the PSERC (Terms & Conditions for Intra-state Open Access) Regulations, 2011**

**“27. Additional Surcharge**

*1) An open access consumer, receiving supply of electricity from a person other than the distribution licensee of his area of supply, shall pay to the distribution licensee an additional surcharge on the charges of wheeling, in addition to wheeling charges and cross-subsidy surcharge, to meet out the fixed cost of such distribution licensee arising out of his obligation to supply as provided under sub-section (4) of section 42 of the Act.*

*2) This additional surcharge shall become applicable only if the obligation of the licensee in terms of power*

*purchase commitments has been and continues to be stranded or there is an unavoidable obligation and incidence to bear fixed costs consequent to such a contract. The distribution licensee shall indicate the quantum of such stranded costs and the period over which they would be stranded. The Commission shall scrutinize the statement of calculation of fixed cost submitted by the distribution licensee and obtain objections, if any, and determine the amount of additional surcharge:*

*“Provided that such additional surcharges shall not be levied in case distribution access is provided to a person who has established a captive generation plant for carrying the electricity to the destination of his own use.*

*Provided further that the additional surcharge shall not be applicable for Green Energy Open Access Consumers, if fixed charges are being paid by such a consumer.*

*Provided also that additional surcharge shall not be applicable in case power produced from a non fossil fuel based Waste-to-Energy plant is supplied to the Open Access Consumer.*

*“Provided also that additional surcharge shall not be applicable in case electricity produced from offshore wind projects, which are commissioned upto December, 2032 and supplied to the Open Access Consumers.*

*Provided also that additional surcharge shall not be applicable if green energy is utilized for production of green hydrogen and green ammonia.”*

*Provided that consumers including green energy open access consumers taking open access over and above the sanctioned contract demand as per the provisions of Regulation 31 (2) of the PSERC OA Regulations, 2011 shall be liable to pay Additional Surcharge as payable by Full open access consumers for availing open access beyond the contract demand maintained with the distribution licensee as determined by the Commission under these Regulations.*

*3) The additional surcharge shall be determined by the Commission.*

*4) The consumers availing Open Access exclusively on interstate transmission system shall also pay the additional surcharge as determined under this Regulation.*

*5) The consumers availing Open Access through dedicated lines even without involving licensee's transmission and / or distribution system shall be liable to pay same additional surcharge as determined under this Regulation.”*

**7.2** The Commission has carefully gone through the data submitted by PSPCL. The Commission observes that, in order to meet its obligation to supply PSPCL has installed/contracted adequate generation capacities from various sources and there is an unavoidable obligation and incidence to bear fixed costs consequent to such contracts. Also, from the data submitted by PSPCL it has been demonstrated that the obligation of the licensee, in terms of existing power purchase commitments, has been and continues to be stranded.

**7.3** The fixed costs obligations for the distribution licensee consist of the following:

- The fixed costs payable to the generating companies (including own) for the capacity booked by the distribution licensee to meet its obligation to supply.
- The fixed costs for availing long term access i.e cost payable to the Transmission licensees (Inter-State and Intra-State) for conveyance of energy from the generating stations to the input point of the distribution licensee, and

- The fixed costs of distribution business (wheeling and retail infrastructure) from the input point or receipt of electricity from transmission licensee to place of consumption of electricity at the consumer's place.

**7.4** Since the additional surcharge is leviable and payable on the energy consumption measured at the consumer end, the Commission decides to consider the per unit fixed cost liability of power at the consumer end.

**7.5** The Commission observes that partial open access consumers availing open access up to their sanctioned contract demand are also paying fixed charges for the said demand, as per the tariff schedule, to the licensee. Full open access consumers do not pay any fixed charges. Further, the partial open access consumers, for availing open access over and above their contract demand, do not pay any fixed charges. It is thus prudent to work different rates of additional surcharge for different consumers depending upon whether or not they are paying the fixed charges to the distribution licensee. In the revised calculation sheet for determination of additional surcharge submitted alongwith the letter No. 6072 dated 22.07.2024, PSPCL has worked out the additional surcharge @Rs. 0.89/kWh for partial open access consumers for availing open access up to the contract demand maintained with PSPCL and Rs. 1.29/kWh for full open access consumers without any contract demand and partial open access consumers including green energy open access consumers for availing open access beyond the contract demand maintained with PSPCL in line with the



provisions of the OA Regulations.

**7.6** The Commission observes that the cost of Generation considered by PSPCL is based on the actual data of H1 of FY 2023-24. Hence the Commission is inclined to accept the fixed cost data as submitted by PSPCL in the current petition for working out the fixed cost of generation from central generating stations. With regard to fixed cost of its own generation, including BBMB and distribution, the Commission finds it prudent to consider the fixed cost as approved in the Tariff Order of FY 2023-24, as submitted by PSPCL.

**7.7 Accordingly, the Commission determines Additional Surcharge applicable for the period 01.04.2024 to 30.09.2024 as under:**

Sr. No.	Particulars	Unit	Submitted by PSPCL in the Petition	Worked out by the Commission
A	Total Installed/Contracted Capacity	MW	14705	
B	Average Available Capacity	MW	8722*	
C	Average Scheduled Capacity	MW	7443*	
D	Average Stranded Capacity	MW	1279*	
E	Average Open Access Availed	MW	31	
F	Capacity stranded due to Open Access	MW	31	
G	Fixed Cost for the available power capacity	Rs. Crore	4974.18	
H	Fixed Cost per MW available at consumer end considering availability (B) at consumer end (G/B)	Rs. Crore /MW	0.57	
I	Fixed Cost of Stranded Capacity on account of Open Access (F x H)	Rs. Crore	17.68	
J	Open Access Energy Scheduled	MU	137	
K	<b>Additional Surcharge payable by Full open access consumers and partial open access consumers including Green Energy Open Access Consumers for availing open access beyond the contract demand maintained with the distribution licensee (I/J)</b>	Rs/kWh	1.29	
L	Adjustment of Fixed Charges paid to the distribution licensee by partial open access consumers as consumers of the licensee			
	i) Energy consumed by all consumers having load more than 1MW	MUs	5674	

Sr. No.	Particulars	Unit	Submitted by PSPCL in the Petition	Worked out by the Commission
ii)	Fixed Charges recovered from consumers having load more than 1MW	Rs. Cr.	442.56	
iii)	Fixed Charges per unit (ii/i)	Rs/kWh	0.78	
iv)	Total Fixed Costs =1/2 of Yearly Distribution fixed cost {Table 211 in Tariff order for 2023-24} + G	Rs. Cr.	9776.01	
v)	Proportion of 'Fixed Cost for power purchase' to the 'Total Fixed Costs of the Distribution Licensee' (G/iv)	%	50.88%	
vi)	Part of the Fixed Charges paid by consumers with load contributing towards fixed cost of power (iii*v)	Rs/kWh	0.40	
<b>M</b>	<b>Additional Surcharge payable by partial open access consumers excluding Green Energy Open Access consumers for availing open access up to the contract demand maintained with the distribution license (K-L(vi))</b>	<b>Rs/kWh</b>	<b>0.89</b>	

\*The availability at the consumer end is calculated by deducting inter-state losses @ 3.47% & intra-state losses @ 2.15% from average available capacity

**7.8 This Additional Surcharge shall be leviable on the consumers situated within the area of supply of PSPCL on the actual open access power brought by them from sources other than PSPCL, subject to the condition that the contracted capacity of PSPCL continues to remain stranded during the period. Further, this Order shall have an overriding effect on the Commission's earlier Order dated 28.03.2024 passed in the Petition No. 04 of 2024 issued on Additional Surcharge as applicable in this petition.**

The petition is disposed of accordingly.

**Sd/-  
(Paramjeet Singh)  
Member**

**Sd/-  
(Viswajeet Khanna)  
Chairperson**

Chandigarh

Dated: 11.09.2024