

Telangana Open Access Regulations (Consolidated)

HIGHLIGHTS

Eligibility to seek Open Access	If contracted capacity greater than 1 MW.		
Electricity Tariff FY 2016-17	HT (I) Industrial	(Rs/Unit)	
	11 kV	6.65	
	33 kV	6.15	
	132 kV and above	5.65	
	Ferro Alloy Units		
	11 kV	5.90	
	33 kV	5.50	
	132 kV and above	5.00	
	HT (II) Others		
	11 kV	7.80	
	33 kV	7.00	
	132 kV and above	6.80	
	HT (VIII) RESCO	1.00	
	Connectivity charges and procedure	Licensee can recover, within a reasonable time, the costs, the capital investment and a reasonable rate of return on the capital investment in respect of the augmentation. Licensee may require the open access user to make a capital contribution towards such network augmentation.	
	Nodal Agency	<ul style="list-style-type: none"> • Long-term open access transactions (2 years or more): State Transmission Utility (STU). • Short-term open access transactions (other than LTOA, and no more than 1 year): State Load Dispatch Centre (SLDC). 	

<p>Procedure and Charges for Long Term Open Access</p>	<ul style="list-style-type: none"> • Any user of the transmission and/or distribution system(s) entering into an open access agreement with the concerned licensee(s) for a period of two years or more. • Application to STU with non-refundable processing fee of Rs.10,000. • Time frame for processing the application is 30 days, and 45 days if system strengthening is required. • The applicant shall fully reimburse the nodal agency for actual expenditure incurred in carrying out such system studies to identify the scope of works involved in system strengthening. 	
<p>Procedure and Charges for Medium Term Open Access</p>	<p>-NA-</p>	
<p>Procedure and Charges for Short Term Open Access</p>	<ul style="list-style-type: none"> • Any user, other than a long term user, of the transmission and/or distribution system(s), entering into an open access agreement with the concerned licensee(s) shall be treated as Short Term Open Access user. Open access shall not be allowed at a time, for a period of more than one year. • Application to SLDC with non-refundable processing fee of Rs.1,000. • Time frame: 	
	<p>Open Access Duration</p>	<p>Maximum Processing Time</p>
	<p>Up to one day</p>	<p>12 hours</p>
	<p>Up to one week</p>	<p>2 days</p>
	<p>Up to one month</p>	<p>7 days</p>
	<p>Up to one year</p>	<p>30 days</p>
<p>In case of applicants for STOA, with transactions requiring to be accommodated through congested corridors of the network, the nodal agency shall invite bids with floor price equal to the uncongested price for the short-term user.</p>		

OTHER PROVISIONS

**Allotment
priority**

- Priority 1: - Highest Priority - Distribution licensee (irrespective of whether open access sought is for Long-term, Medium-term or Short-term).
- Priority 2:-Other Long-term Open Access applicants.
- Priority 3:-Other Short-term Open Access applicants, subject to capacity availability.

If the existing consumer is availing of open access which is within the contracted demand of the licensee (Open access demand + actual demand availed from licensee is within the CMD), the licensee shall not charge wheeling and transmission charges for such open access availed.

- **Transmission and Wheeling Charges:** No transmission charge for non-conventional energy generators using wind, solar and micro hydel.

Cross Subsidy Surcharge (Rs./Unit) FY 2016-17

**Open Access
charges**

	Telangana State Southern Power Distribution Company Ltd (TSSPDCL)	Telangana State Northern Power Distribution Company Ltd (TSNPDCL)
HT I - 11 kV	1.65	1.66
HT I Industry 33 kV	1.48	1.44
HT I Industry 132 kV and above	1.35	1.34

Scheduling:

- Scheduling and system operation charges shall be payable by all open access users under scheduling by SLDC.
- The scheduled consumers sourcing power from such solar power projects shall be entitled to avail reduction in contracted demand with DISCOM for a period of five years from the date of commissioning of such projects. The reduction in contracted demand shall be computed based on the average solar power consumption during hourly time-block period(s) in a billing month.

Scheduling and Metering

- To arrive at the net scheduled capacity (kW) at exit point, the loss component shall be deducted from the capacity injected in kW at the entry point. For the purpose of settlement, 1 kVA capacity at the exit point shall be treated as being equal to 1 kW, and 1 kVAh energy at the exit point shall be treated as being equal to 1 kWh.

Metering:

- Users shall provide special energy meters capable of measuring active energy, reactive energy, average frequency and demand integration in each 15-minute time block, with a built-in calendar and clock, and conforming to BIS/CBIP Technical Report/IEC standards, at all entry and exit points. This shall, however, be subject to the regulations to be made by the Central Electricity Authority under section 55 of the Act.

Transmission Losses:

	Transmission Loss (kind)	Transmission charges (Rs./kW/month)
2016-17	4.01%	91.36
2017-18	3.98%	95.37
2018-19	3.95%	94.44

Wheeling Losses:**Energy Losses**

	TSSPDCL - FY 2016-17 (FY 2017-18)		TSNPDCL - FY 2016-17 (FY 2017-18)	
	33 kV	11 kV	33 kV	11 kV
Supply	3.99%	8.31%	4.00%	8.06% (8.03%)
Drawal 33 kV	(3.99%)	(8.21%)	(4.00%)	
Drawal 11 kV	8.31%	8.31%	8.06%	8.06% (8.03%)
	(8.21%)	(8.21%)	(8.03%)	

Imbalance and Reactive Energy Charges

Imbalance Energy (Underdrawal):

- User surrenders whole or part capacity: 50% of current application fee as compensatory charges to the licensee if all the capacity is surrendered, reduced/cancelled, and is fully re-allotted to other applicants within the notice period.
- **If capacity could not be re-allotted:**
 - For LTOA - One time exit fee of 25% of transmission and/or wheeling charges and scheduling and system operational charges as applicable.
 - For STOA - User shall bear full charges as applicable.

Reactive Energy charges:

- Load more than 4 MW: Charges in accordance with provisions stipulated in the Intra-state ABT Order.
- Load less than 4 MW: Charges on power factor basis.
- For consumers with billing in kVAh, no power factor charges will be applied.

Banking of Renewable Energy (Wind/Solar/Mini-hydel):

- Banking of 100% of energy shall be permitted for all captive and open access/scheduled consumers during all 12 months of the year. The banking year shall be from April to March.
- Banking charges shall be adjusted, in kind, @ 2% of the energy delivered at the point of drawal.
- Banked units cannot be consumed/redeemed in the peak months (i.e., from 1st April to 30th June and 1st February to the 31st March, of the banking year under consideration) and during peak hours (6 pm to 10 pm).
- Energy injected into the grid from date of synchronization to open access approval date will be considered as deemed energy banked.
- The unutilized banked energy shall be considered as deemed purchase by DISCOM(s) at the average pooled power purchase cost, as determined by TSERC for the year.
- For sale to DISCOMs, the energy injected into the grid from the date of synchronization to Commercial Operation Date (COD) will be purchased by the DISCOMs at 50% of the first year tariff of the project, as per the provisions of the PPA with DISCOMs.

Link

<http://www.tserc.gov.in/draft.php>

Andhra Pradesh Electricity Regulatory Commission (Terms and Condition for Open Access) Regulations, 2005:

http://www.tserc.gov.in/file_upload/uploads/Regulations/Final/2%20of%202005.pdf

Draft (Interim Balancing and Settlement Code for Open Access Transactions)

Third Amendment Regulation, 2016:

http://www.tserc.gov.in/file_upload/uploads/Regulations/Draft/2016/Third%20Amendment_%20IBS%20Reg%20No%202%20of%202006.pdf

Reference

Wheeling Tariff Schedule for FY 14-15 to FY 18-19:

http://www.tserc.gov.in/file_upload/uploads/Tariff%20Orders/Tariff%20Schedule/Wheeling%20charges%20FY%202015-16.pdf

Tariff Schedule FY 16-17: http://www.tserc.gov.in/file_upload/uploads/Tariff%20Orders/Tariff%20Schedule/RTS2016-17.pdf

http://www.tserc.gov.in/file_upload/uploads/Tariff%20Orders/Current%20Year%20Orders/Retail%20Supply%20Tariff%20Order_2016-17.pdf

Transmission Tariff Order FY 16-17 :

http://www.tserc.gov.in/file_upload/uploads/Tariff%20Orders/Current%20Year%20Orders/transmissiontarifforderfor3rdcontrolperiod.pdf