

# Tamil Nadu Intra State Open Access Regulations (Consolidated)

## HIGHLIGHTS

<b>Eligibility to seek Open Access</b>	<ul style="list-style-type: none"> <li>• The licensees, generating companies, captive generating plants and consumers shall be eligible for open access to the intra-state transmission system of the State Transmission Utility, or any transmission licensee, on payment of transmission and other charges.</li> <li>• The licensees, generating stations, captive generating plants and consumers shall be eligible for open access to distribution system of a distribution licensee on payment of the wheeling and other charges as may be determined by the Commission from time to time.</li> <li>• An un-discharged insolvent, or a person having outstanding dues against him for more than two months billing by distribution/transmission licensee at the time of application, shall not be eligible for open access.</li> </ul>	
<b>Electricity Tariff (FY 2016-17) (Rs /kWh)</b>	<b>High Tension Supply</b>	<b>Tariff Approved by TNERC</b>
	Industries, registered factories, textiles, tea estates, IT services, etc.	6.35
	Railway Traction	6.35
	Govt. and govt. aided educational institutions and hostels, government hospitals, public lighting and water supply, actual places of public worship etc., and private educational institutions and hostels.	6.35
	Other categories not covered above	8.00

<b>Connectivity charges and procedure</b>	<b>Intra-state transmission system:</b>	
	<ul style="list-style-type: none"> <li>• Any consumer having contracted demand of 10 MW and above, or a consumer availing supply at 66 kV and above, or a generating station having capacity of 15 MW and above, or a generating station requiring connectivity at 66 kV and above.</li> <li>• Generating stations based on new and renewable energy sources will be provided connectivity at any voltage.</li> <li>• An application for connectivity shall be made to the STU and decision will be intimated in 30 days.</li> <li>• A non-refundable fee as specified below:</li> </ul>	
	<b>Quantum of power to be injected, off take into/ from Intra-state Transmission and/or Distribution System.</b>	<b>Application fee for connectivity for renewable sources (Rs. in Lakhs) (50% of the normal fee)</b>
	Up to 100 MW	1.0
	100 - 500 MW	1.5
	500 - 1000 MW	3.0
More than 1000 MW	4.5	
<b>Distribution System</b>		
<ul style="list-style-type: none"> <li>• Any consumer having contracted demand of less than 10 MW, or a consumer availing supply at 33 kV and below, or a generating station having installed capacity less than 15 MW, or a generating station requiring connectivity at 33 kV and below, to apply to the distribution licensee for connectivity and decision within 30 days.</li> <li>• Non-refundable fee of Rs.50,000 (for renewable and cogeneration).</li> </ul>		
<b>Nodal Agency</b>	- As per table given below-	

<b>Procedure and Charges for Long Term Open Access</b>	<ul style="list-style-type: none"> <li>Applicability: Open Access for a period exceeding 12 years but not exceeding 25 years</li> <li>Applicant shall apply to nodal agency as per the location of injection and drawal point.</li> </ul>			
	<b>Location of Injection and Drawal Point</b>	<b>Nodal Agency</b>	<b>Application Fee</b>	<b>Time Frame for Processing the Application</b>
	Both within the area of the same distribution licensee.	SLDC	Rs.50,000 (above 10 MW), else Rs.25,000.	20 days
	Both within the state but with different licensees.	STU	Rs.1,00,000 (above 10 MW), else Rs.50,000.	120 days where system augmentation is not require, else 150 days where required.
	Injection into intra-state transmission system.			
	Both within the same state, connected to intra-state transmission system.	STU	Rs.2,00,000 (above 10 MW), else Rs.1,00,000.	120 days where system augmentation is not required, else 150 days where required.
Injection point in distribution system within the state, consumer connected to transmission system.				
<ul style="list-style-type: none"> <li>Bank guarantee at the rate of Rs.10,000/- MW.</li> </ul>				

<b>Procedure and Charges for Medium Term Open Access</b>	<ul style="list-style-type: none"> <li>Applicability: open access for a period exceeding three months but not exceeding three years;</li> <li>Applicant shall apply to nodal agency as per the location of injection and drawal point with bank guaranty of Rs. 2000 per MW or part thereof</li> </ul>			
	<b>Location of Injection and Drawal Point</b>	<b>Nodal Agency</b>	<b>Application Fee (For connected to distribution or transmission system)</b>	<b>Time Frame for Processing the Application</b>
	Both within the area of the same distribution licensee.	SLDC	Rs.50,000 (above 10 MW), else Rs.25,000.	20 days
	Both within the state but with different licensees. Injection at intra-state transmission system and consumer connected to at distribution licensee	STU	Rs.1,00,000 (above 10 MW), else Rs.50,000.	40 days
Both connected to intra-state transmission system. Injection point within distribution system in the state.				

<b>Procedure and Charges for Short Term Open Access</b>	<ul style="list-style-type: none"> <li>Applicability: Open access for a period up to one month at a time</li> <li>Applicant shall apply to nodal agency as per the location of injection and drawal point.</li> </ul>			
	<b>Location of Injection and Drawal Points</b>	<b>Nodal Agency</b>	<b>Application fee</b>	<b>Time Frame for Processing the Application</b>
	Both within the area of the same licensee (distribution).	SLDC	Rs.2,000	7 working days if applying for the first time, otherwise 3 days.
	Both connected to intra-state transmission system. Injection point within distribution system in the state.		Rs.5,000	
Both within the same state but with different distribution licensees. Injection point in intra-state transmission system.	SLDC	Rs.5,000	7 working days if applying for the first time, otherwise 3 days.	

## OTHER PROVISIONS

<b>Allotment priority</b>	<ul style="list-style-type: none"> <li>Priority 1: Distribution licensee, irrespective of Open Access term.</li> <li>Priority 2: Other Long-term Open Access applicants.</li> <li>Priority 3: Other Medium-term Open Access applicants.</li> <li>Priority 4: Other Short-term Open Access applicants.</li> </ul>
<b>Open Access charges</b>	<ul style="list-style-type: none"> <li>40% for wind and 30% for solar, of each of the transmission, wheeling and scheduling and system operation charges, as applicable.</li> <li>Bagasse: 60% of charges of conventional power.</li> <li>Biomass: 50% of charges of conventional power.</li> </ul> <p><b>Cross Subsidy Surcharge:</b></p> <ul style="list-style-type: none"> <li>Solar, wind, bagasse, biomass: 50% of conventional for third party open access consumers.</li> </ul>

<b>Scheduling and Metering</b>	<p><b>Scheduling:</b></p> <ul style="list-style-type: none"> <li>• Scheduling of inter-state open access transactions shall be as specified by the Central Commission whereas for intra-state it will be by SLDC.</li> <li>• Charges: RLDC, ULDC and SLDC charges as applicable.</li> <li>• For bagasse: 60% of charges as applicable to conventional power.</li> <li>• For biomass: 50% of charges as applicable to conventional power.</li> </ul> <p><b>Metering:</b></p> <ul style="list-style-type: none"> <li>• Special Energy Meters (ABT compliant interface meters) shall be installed.</li> </ul>
<b>Energy losses</b>	<p><b>Transmission losses:</b></p> <ul style="list-style-type: none"> <li>• Generators will have to bear the actual line losses in kind, as specified in respective orders.</li> <li>• Inter-state: Customer shall bear the loss, as specified by the Central Commission.</li> <li>• Intra-state: Customer shall bear the loss, as specified by SLDC.</li> </ul> <p><b>Distribution Loss:</b></p> <ul style="list-style-type: none"> <li>• Borne by the customer, estimated by the licensee and furnished to the Commission.</li> </ul>
<b>Imbalance and Reactive Energy charges</b>	<ul style="list-style-type: none"> <li>• Deviations between the schedule and the actual injection/drawal in respect of an open access consumer who is not a consumer of the distribution licensee, and the generator, shall come under the purview of the intra-state ABT.</li> <li>• Settled, based on the composite accounts for imbalance transactions issued by SLDC, on a weekly cycle, in accordance with the UI charges specified by the Commission.</li> <li>• Till the implementation of Intra-state ABT, the imbalance charge shall be at the UI rate of CERC. Standby support shall not be available for the open access consumer who is not a consumer of the distribution licensee.</li> </ul> <p><b>Overdrawal:</b></p> <ul style="list-style-type: none"> <li>• Payment for the energy/demand over and above the permitted energy/demand shall have to be made at the excess energy/demand charges as specified by the Commission.</li> </ul> <p><b>Underdrawal:</b></p> <ul style="list-style-type: none"> <li>• The consumer shall pay at the applicable tariff rates of that category of consumer, as determined by the Commission.</li> <li>• For non-availability of distribution system: Customer shall be compensated by the distribution licensee at the average power purchase cost of the distribution licensee.</li> </ul> <p><b>Banking of renewable energy generation:</b></p> <ul style="list-style-type: none"> <li>• Wind: For a period of twelve months in a financial year, the energy generated during one month would be adjusted against consumption of that month and the remaining energy would be treated as banked energy.</li> <li>• One year banking period for wind energy generators under REC scheme. Charges @ 12% in kind. Wind energy generators under REC scheme are allowed to en-cash 75% of the applicable rates notified by the Commission in the orders issued on pooled cost of power purchase.</li> </ul> <p><b>Reactive Energy Charges:</b></p> <ul style="list-style-type: none"> <li>• As per order on Open Access charges issued from time to time and in accordance with provisions stipulated in the Commission's State Grid Code, or Regulations, or Orders in force.</li> <li>• Wind: 25 paise/kVARh for drawal of reactive power up to 10% of the net active energy generated. For drawal above 10% of net active energy generated, charges would be double.</li> </ul>
<b>Link</b>	<a href="http://www.tnerc.gov.in/">http://www.tnerc.gov.in/</a>

**Reference**

<http://www.tnerc.gov.in/regulation/ISOA/2014/ISOA%20-%2011-2%20dated%2013-03-2014.pdf>

Solar:

<http://tnerc.tn.nic.in/orders/Tariff%20Order%202009/2017/Solar/Solar-28-03-2017.pdf>

Wind : <http://www.tnerc.gov.in/orders/Tariff%20Order%202009/2016/Wind/Wind%20-%203%20of%202016.pdf>

Bagasse Cogeneration: <http://www.tnerc.gov.in/orders/Tariff%20Order%202009/2016/Bagasse/Bagasse-%204%20of%202016.pdf>

Biomass: <http://www.tnerc.gov.in/orders/Tariff%20Order%202009/2016/Biomass/Biomass%20-%205%20of%202016.pdf>

Waste to Energy

<http://tnerc.tn.nic.in/orders/Tariff%20Order%202009/2017/MSW/MSW-28-03-2017.pdf>