

## West Bengal Open Access Regulations (Consolidated) - 2007

### HIGHLIGHTS

<b>Eligibility to seek Open Access (OA)</b>	Licensee, or a generating company, or a captive generating plant, or a consumer, or any person engaged in the business of supplying electricity to the public under the Act or any other law for the time being in force, or any other person, shall be eligible for open access on payment of appropriate charges as determined by the Commission from time to time.			
<b>Electricity Tariff FY 2016-17 (Paise/Unit)</b>	West Bengal State Electricity Distribution Company Ltd			
		<b>Summer</b>	<b>Monsoon</b>	<b>Winter</b>
	Industries (11 kV)	720	719	718
	Industries (33 kV)	717	715	713
	Industries (132 kV)	713	711	709
	Industries (220 kV) (TOD - 0600 to 1700 hrs)	631	629	627
	Industries (440 kV) (TOD - 0600 to 1700 hrs)	611	609	607
	Commercial (11 kV)	694	692	690
	Commercial (33 kV)	691	689	687
	Commercial (132 kV)	688	686	684
	CESC			
	Industries (below 33 kV)	652	649	647
	Industries (33 kV)	629	626	623
	Commercial (below 33 kV)	701	698	695
	Commercial (33 kV)	652	649	646

<b>Connectivity Charges and Procedure</b>	<ul style="list-style-type: none"> <li>• Capacity available shall be determined considering maximum load recorded vis-à-vis safe capacity of such system, load growth potential, capacity already allotted to OA, requirements according to State Grid Code, and evacuation network available.</li> <li>• Applicant shall bear all expenses incurred.</li> <li>• For LTOA: Access for wheeling shall be allowed if the capacity of the distribution system concerned supports such wheeling in accordance with the different technical guidelines on sub-transmission and distribution network declared by the Authority.</li> </ul>
<b>Nodal Agency</b>	<ul style="list-style-type: none"> <li>• Long Term Open Access: STU - if transmission system is used. Else transmission or distribution licensee in whose system the point of drawal is located.</li> <li>• Short Term Open Access: SLDC (State Load Dispatch Centre).</li> </ul>

- Applicability: Open Access for a period of 15 years or more.
- Shall be allowed in accordance with transmission planning criteria mentioned in State Grid Code.
- The applicant shall bear the actual expenditure incurred by the licensee for system strengthening within the limit of cost estimate intimated by the licensee concerned. Actual expenditure shall be subject to the scrutiny of the Commission. Adjustments, if any, will be made accordingly within the ceiling of 105% of the cost estimate.
- Applicant shall apply to nodal agency as per location of injection and drawal points, , as per table below

<b>Location of Open Access Drawal Point</b>	<b>Location of Open Access Source</b>	<b>Source of Supply/Time of Supply</b>	<b>Fees (Rs.)</b>
Within West Bengal and other than Hydro Pumped Storage Plant	Within West Bengal	Co-generation and Renewables	50,000
		Hydro Pumped Storage Plant	10,000
	Outside West Bengal	Power for peak hours	5,000
		Power round the clock	35,000
		Power for normal hours	15,000
		Power for off-peak hours	40,000
Outside West Bengal	Within West Bengal	Renewable and Co-generation	50,000
		Pumped Storage Hydropower Plant	10,000
Power drawal by Pumped Storage Plant within West Bengal	Anywhere	Any type	5,000

- Time frame for processing application: 30 days.
- Surrender of OA capacity: Consumer shall pay full charge for scheduling and system operation, as has been fixed by the Commission from time to time, on full open access capacity allotted to him for the remaining period of the allocation. However, if the unutilized capacity is being used by any other OA customer or any licensee, proportional charges are to be borne by the original OA customer to the extent of under-utilisation.

**Procedure and Charges for Medium Term Open Access (MTOA)**

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<b>Procedure and Charges for Short Term Open Access (STOA)</b>	<ul style="list-style-type: none"> <li>• Applicability: Open Access for a period not exceeding 4 months at a stretch.</li> <li>• No provision for system strengthening, and OA is granted subject to capacity availability.</li> <li>• If Open Access is commencing in the first to fourth month, and such open access is not ending beyond the fourth month, taking the month in which the application is made as the first month.</li> <li>• Applicant shall apply to nodal agency as per the location of injection and drawal points .</li> </ul>			
	Location of Open Access Drawal Point	Location of Open Access Source	Nature of Open Access Source for Supply/Time of Supply	Fee (Rs.)
	Within West Bengal and other than Pumped Storage Hydropower Plant	Within West Bengal	Co-generation and Renewable	5,000
			Pumped Storage Hydropower Plant	2,500
		Outside West Bengal	Power for peak hours	2,500
			Power round the clock	20,000
			Power for normal hours	7,500
			Power for off-peak hours	20,000
	Outside West Bengal	Within West Bengal	Renewable and Co-generation	5,000
			Pumped Storage Hydropower Plant	2,500
Power drawal by Pumped Storage Plant within West Bengal	Anywhere	Any type	1,000	
<p><b>In case of congestion, allotment shall be made by inviting bids from applicants.</b></p> <ul style="list-style-type: none"> <li>• Time Frame: 2 days for STOA of term up to one week, and 3 days if term is more than a week.</li> <li>• Surrender of OA capacity: Consumer shall pay full charge for scheduling and system operation, as has been fixed by the Commission from time to time, on full open access capacity allotted to him for the remaining period of the allocation. However, if the unutilized capacity is being used by any other OA customer or any licensee, proportional charges are to be borne by the original OA customer to the extent of under-utilisation.</li> </ul>				

## OTHER PROVISIONS

<b>Allotment priority</b>	<ol style="list-style-type: none"> <li>1. A distribution licensee, to the extent of its requirement for its consumers within the State and for supplying power to other licensees.</li> <li>2. Power, fully based on cogeneration within the State.</li> <li>3. Power, fully based on wind.</li> <li>4. Power, fully based on hydro.</li> <li>5. Power, fully based on renewable sources other than hydro and wind.</li> <li>6. Power from captive generation based on gas.</li> <li>7. Power from captive generation based on coal.</li> <li>8. Power from captive generation based on oil.</li> <li>9. Other sources, if any, not covered above.</li> </ol> <p>Within category, priority shall be on first-come-first-served basis. Long term open access applicants shall have priority over short term.</p>							
<b>Open Access charges</b>	<p><b>Transmission Charges</b></p> <ul style="list-style-type: none"> <li>• Rs./MW/month for Long Term customers and in Rs./MW/day for Short Term customers on the basis of MW served by the system.</li> <li>• For Long Term Open Access : Rs.1,63,374.36/MW/month.</li> <li>• For Short Term Open Access :Rs. 1361.45/MW/day.</li> <li>• For uncongested STOA.</li> </ul> <table border="1" data-bbox="367 791 2123 938"> <tr> <td data-bbox="367 791 1167 839">Up to 6 hours, in a day, in one block.</td> <td data-bbox="1167 791 2123 839">1/4<sup>th</sup> of transmission charges of relevant short term customer.</td> </tr> <tr> <td data-bbox="367 839 1167 887">More than 6 hours and up to 12 hours a day, in a block.</td> <td data-bbox="1167 839 2123 887">1/2 of transmission charges of relevant short term customer.</td> </tr> <tr> <td data-bbox="367 887 1167 938">More than 12 hours in a day.</td> <td data-bbox="1167 887 2123 938">Equal to transmission charges of relevant short term customer.</td> </tr> </table> <p><b>Wheeling Charges</b></p> <ul style="list-style-type: none"> <li>• Payable on actual energy drawal as per the relevant tariff order.</li> </ul>		Up to 6 hours, in a day, in one block.	1/4 <sup>th</sup> of transmission charges of relevant short term customer.	More than 6 hours and up to 12 hours a day, in a block.	1/2 of transmission charges of relevant short term customer.	More than 12 hours in a day.	Equal to transmission charges of relevant short term customer.
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<b>Scheduling and Metering</b>	<p><b>Scheduling</b></p> <ul style="list-style-type: none"> <li>• A twenty-hour day-ahead schedule shall be submitted by the OA customer for both drawal and injection of active power on 15-minute time block basis to the SLDC, as specified in the Tariff Regulations.</li> <li>• SLDC charges: Re.0.5 /kWh.</li> </ul> <p><b>Metering:</b></p> <ul style="list-style-type: none"> <li>• Connected licensee(s) shall provide the ABT compliant main meters and check meters as per directions of nodal agency, at interconnection points, cost of meters to be borne by OA consumer.</li> </ul>							

<b>Energy losses</b>	<p><b>Transmission Losses</b></p> <ul style="list-style-type: none"> <li>• WBSETCL loss: 3.40%.</li> </ul> <p><b>Distribution Losses</b></p> <ul style="list-style-type: none"> <li>• CESC: Revised distribution loss norm - 14.30%.</li> <li>• WBSEDCL: Distribution loss - 17.50%.</li> </ul>
<b>Imbalance and Reactive Energy charges</b>	<p><b>Imbalance Energy Charges</b></p> <ul style="list-style-type: none"> <li>• Un-scheduled interchange charges for deviation from the schedule shall be paid at such rates as specified in the Tariff Regulations.</li> <li>• Energy accounting will be as per Balancing and Settlement Code, as specified in the Tariff Regulations.</li> </ul> <p><b>Reactive Energy Charges</b></p> <ul style="list-style-type: none"> <li>• If the voltage at the point of drawal is below 97% of the normal voltage, the OA customer shall pay the concerned licensee for drawal of reactive energy at the drawal point at a rate stipulated in the Tariff Order issued by the Commission.</li> <li>• If at the injection point the voltage is higher than 103% of normal voltage, the OA customer shall pay the concerned licensee for injection of reactive energy at the point of injection at a rate stipulated in the Tariff Order issued by the Commission.</li> <li>• Both drawal and injection of reactive energy shall be measured in 15-minute time blocks along with voltage.</li> </ul>
<b>Link</b>	<p><a href="http://www.wberc.net/wberc/regulation/under_2003_Act/index.htm">http://www.wberc.net/wberc/regulation/under_2003_Act/index.htm</a></p>
<b>References</b>	<p>WBERC (Open Access) Regulations, 2007  <a href="http://wberc.net/wberc/regulation/under_2003_Act/regulation35/regulation35.htm">http://wberc.net/wberc/regulation/under_2003_Act/regulation35/regulation35.htm</a>  WBERC (Open Access)(Amendment) Regulations, 2009  <a href="http://www.wberc.net/wberc/regulation/under_2003_Act/index.htm">http://www.wberc.net/wberc/regulation/under_2003_Act/index.htm</a>  WBERC (Balancing and Settlement Code) Regulations, 2008  <a href="http://wberc.net/wberc/regulation/under_2003_Act/regulation40/Regulation_40.pdf">http://wberc.net/wberc/regulation/under_2003_Act/regulation40/Regulation_40.pdf</a>  WBERC (Balancing and Settlement Code) (Amendment) Regulations, 2009  <a href="http://wberc.net/wberc/regulation/under_2003_Act/regulation42/Regulations%20%28Balancing%20and%20Settlement%20Code%29.%202009-Issued.pdf">http://wberc.net/wberc/regulation/under_2003_Act/regulation42/Regulations%20%28Balancing%20and%20Settlement%20Code%29.%202009-Issued.pdf</a></p>