Chhattisgarh Open Access Regulations (Consolidated) - 2011

HIGHLIGHTS

Eligibility to seek Open Access (OA)	Intra-state users or an applicant seeking open access for 1 MW and above, on payment of such charges as may be determined by the Commission from time to time.	
Electricity Tariff FY 2016-17 (Rs./kVAh)		**Energy charge(Rs/kVAh)**
	HV 1 – Railway traction	5.00
	HV 2 – Mines	6.70 (for 11kV);6.40 (for 33kV);6.15(for 132kV); 6.00 for 220 kV).
	HV3 – Other industrial and general purpose non-industrial	6.90 (for 11kV; load factor 6.70 (for11 kV, Load Factor >15%) 6.50 (for 33kV; load factor 6.35 (for33kV, Load Factor >15%) 6.00 (for 132 kV) 5.90 (for 220 kV)
	HV4 – Steel industry	6.90 (for 11kV; load factor 6.10 (for11 kV, Load Factor >15%) 6.50 (for 33kV; load factor 6.00 (for33kV, Load Factor >15%) 5.75 (for 132 kV) 5.60 (for 220 kV)
	HV5 – Low factor industries	5.50
	HV 10 – IT industries	4.5

<table>
<tr><td rowspan="15">Connectivity Charges and Procedure</td><td colspan="6">• The voltage level for injection of power by a generating station/captive generating plant into the intra-state transmission system and distribution system with reference to quantum of injected power shall be as specified in the State Grid Code.
• The voltage level for drawal of power by a consumer from the intra-state transmission system and distribution system (i.e. sum of quantum of open access power and contract demand with licensee) shall be as specified in the Supply Code.
• For Licensee: Detailed separate procedure will be provided.</td></tr>
<tr><td>Licensee System where connectivity is required</td><td>Nodal Agency</td><td>Applicant</td><td>Max. quantum of power transacted</td><td>Application fee (Rs. lakhs)</td><td>Time Frame</td></tr>
<tr><td rowspan="6">STU</td><td rowspan="6">STU</td><td rowspan="4">Generating company or captive generating plant.</td><td>1 MW – 50MW</td><td>2</td><td rowspan="10">30 days – informing feasibility.

Issue of demand note of estimated charges and notice of feasibility – Further 60 days (Max 90 days total from receipt of application)</td></tr>
<tr><td>50 MW- 250 MW</td><td>4</td></tr>
<tr><td>250MW – 1000 MW</td><td>6</td></tr>
<tr><td>1000 MW+</td><td>9</td></tr>
<tr><td rowspan="2">Bulk consumer, captive user</td><td>1 MW – 50 MW</td><td>2</td></tr>
<tr><td>50MW+</td><td>4</td></tr>
<tr><td rowspan="5">Transmission Licensee other than STU.</td><td rowspan="5">Transmission Licensee</td><td rowspan="3">Generating company or captive generating plant.</td><td>1 MW- 50 MW</td><td>2</td></tr>
<tr><td>50 MW- 250 MW</td><td>4</td></tr>
<tr><td>250 MW +</td><td>6</td></tr>
<tr><td rowspan="2">Bulk consumer, captive user</td><td>1 MW- 50MW</td><td>2</td></tr>
<tr><td>50 MW +</td><td>4</td></tr>
<tr><td rowspan="2">Distribution Licensee</td><td rowspan="2">Distribution Licensee</td><td>Generating company or captive generating plant</td><td>15 MW and below</td><td>2</td><td rowspan="2">As per the provision in SupplyCode for HT connection.</td></tr>
<tr><td>Bulk consumer, captive user</td><td>1 MW- 9 MW</td><td>2</td></tr>
<tr><td>Nodal Agency</td><td colspan="6">-As per the table below -</td></tr>
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<table>
<tr><td rowspan="10">Procedure and Charges for Long-Term Open Access (LTOA)</td><td colspan="3">• Applicability: Open access for a period exceeding 12 years but not more than 25 years.
• The exact source of supply or destination of off-take, as the case may be, shall have to be firmed up and accordingly notified to the nodal agency at least 3 years prior to the intended date of availing long-term open access.
• Open Letter of Credit (LC) for 105% of estimated applicable average monthly billing for charges mentioned in Regulation 30, in favour of nodal agency.
• Time Frame: 90 days (except for inter-state open access which will be as per CERC regulations).
• Consent from distribution/transmission licensee is required wherever involved, and Application fee for consent from transmission/distribution licensee– Rs.2 lakhs.
• Bank guarantee of Rs.10,000per MW of the total power to be transmitted.
• Applicant shall apply to the nodal agency as per location of drawal and injection point as given in the table below;</td></tr>
<tr><td>Location of Drawal and Injection point</td><td>Nodal Agency</td><td>Application Fee (Rs. lakhs)</td></tr>
<tr><td>Both in STU area</td><td>STU</td><td>2</td></tr>
<tr><td>Both in intra-state transmission licensee area(with no STU involvement).</td><td>Transmission Licensee</td><td>2</td></tr>
<tr><td>Located in STU network and intra-state transmission licensee (other than STU) network or vice versa.</td><td>STU</td><td>4</td></tr>
<tr><td>At intra-state transmission system and distribution licensee’s system and vice versa.</td><td>STU</td><td>4</td></tr>
<tr><td>Both within the same distribution licensee area No involvement of state transmission network.</td><td>Concerned distribution licensee</td><td>2</td></tr>
<tr><td>Both within the same distribution licensee area but with involvement of state transmission network in conveyance of electricity.</td><td>STU</td><td>4</td></tr>
<tr><td>Both within the same state but with different distribution licensees.</td><td>STU</td><td>4</td></tr>
<tr><td colspan="3">Relinquishment of OA rights: No charges for notice of minimum 1 year; If notice is less than 1 year, customer shall pay an amount equal to 66% of the estimated transmission charges (net present value) and/or wheeling charges (net present value).</td></tr>
</table>

<table>
<tr><td rowspan="10">Procedure and Charges for Medium-Term Open Access (MTOA)</td><td colspan="4">• Applicability: Open access for a period exceeding 1 year but not exceeding 7 years.
• Medium-term open access shall be granted if the resultant power flow can be accommodated in the existing intra-state transmission system and/or distribution system. No augmentation shall be carried out to the system only for the purpose of granting MTOA.
• The start date of the medium-term open access shall not be earlier than 5 months and not later than 1 year from the last day of the month in which application has been made.
• After signing of the Medium-Term Open Access Agreement (MTOA), the applicant shall submit a Bank Guarantee (BG) to nodal agency equivalent to estimated applicable charges of two months, within 30 days from the grant of MTOA.
• Consent from distribution/transmission licensee is required wherever involved. Application fee @Rs.1 lakh.
• Applicant shall apply to the nodal agency as per location of drawal and injection point as given in the table below</td></tr>
<tr><td>Location of Drawal and Injection point</td><td>Nodal Agency</td><td>Application Fee (Rs. Lakhs)</td><td>Time Frame</td></tr>
<tr><td>Both in STU.</td><td>STU</td><td>1</td><td>30 days</td></tr>
<tr><td>Both in Intra-state transmission licensee area (with no STU involvement).</td><td>Transmission Licensee</td><td>1</td><td></td></tr>
<tr><td>Located in STU network and intra-state transmission licensee (other than STU) network or vice versa.</td><td>STU</td><td>2</td><td>40 days</td></tr>
<tr><td>At intra-state transmission system and distribution licensee’s system and vice versa.</td><td>STU</td><td>2</td><td>30 days</td></tr>
<tr><td>Both within the same distribution licensee area. No involvement of state transmission network.</td><td>Concerned distribution licensee</td><td>1</td><td>30 days</td></tr>
<tr><td>Both within the same distribution licensee area but with involvement of state transmission network in conveyance of electricity.</td><td>STU</td><td>2</td><td>30 days</td></tr>
<tr><td>Both within the same state but with different distribution licensees area.</td><td>STU</td><td>2</td><td>30 days</td></tr>
<tr><td colspan="4">• Exit Options: A medium-term open access customer may relinquish rights, fully or partly, by giving at least 90 days prior notice to the nodal agency. Customer shall pay applicable transmission charges and/or wheeling charges and other applicable charges for the period of relinquishment, or 90 days, whichever is less.</td></tr>
</table>

<table>
<tr><td rowspan="10">Procedure and Charges for Short Term Open Access</td><td colspan="4">• Applicability: Open access for a period of up to one month at a time.
• The short-term open access customer shall be eligible for surplus capacity available on the transmission or distribution system.
• The start date of the short-term open access shall not be earlier than 30 days and not later than 60 days from the date application has been made.
• Consent from distribution/transmission licensee is required wherever involved. Application fee @ Rs.2,500.
• Applicant shall apply to the nodal agency as per location of drawal and injection point as given in the table below</td></tr>
<tr><td>Location of Drawal and Injection point</td><td>Nodal Agency</td><td>Application Fee (Rs.)</td><td>Time Frame</td></tr>
<tr><td>Both in STU.</td><td>SLDC</td><td>2500</td><td rowspan="7">10 working days in case STOA applied for the first time.

7 working days on subsequent STOA applications.

2 working days for informing deficiency or defect in application.</td></tr>
<tr><td>Both in intra-state transmission licensee area (with no STU involvement).</td><td>Transmission licensee</td><td>2500</td></tr>
<tr><td>Located in STU network and intra-state trans- mission licensee (other than STU) network or vice versa.</td><td>SLDC</td><td>5000</td></tr>
<tr><td>At intra-state transmission system and distribution licensee’s system and vice versa.</td><td>SLDC</td><td>5000</td></tr>
<tr><td>Both within the same distribution licensee area and no involvement of state transmission network</td><td>Concern distribution Licensee</td><td>2500</td></tr>
<tr><td>Both within the same distribution licensee area with involvement of state transmission network in conveyance of electricity.</td><td>SLDC</td><td>5000</td></tr>
<tr><td>Both within the same state but different distribution licensees.</td><td>SLDC</td><td>5000</td></tr>
<tr><td colspan="4">Day-ahead Transactions: Day-ahead transactions shall be permitted in case there is availability of surplus capacity in the licensee’s system, which has been expressly surrendered whole or part thereof or not in use for more than three days in the past. Nodal agency shall check for congestion and convey grant of approval or otherwise. All other provisions of application for short-term open access shall apply.</td></tr>
</table>

OTHER PROVISIONS

Allotment priority	• Priority 1:(Highest Priority): A distribution licensee irrespective of term of OA. • Priority 2: Long-Term Open Access applicant. • Priority 3: Medium-Term Open Access applicant. • Priority 4: Short-Term Open Access applicant. • Applicants in the same category shall be treated on ‘first come first served’ basis. The application received in a calendar month shall be construed to have arrived concurrently. • In MTOA, longer period gets priority over shorter.
Open access charges	• Monthly billing cycle. **Transmission and Wheeling Charges** • For renewable energy transactions, transmission and wheeling charges (in cash) will be NIL. (Tariff Order FY 17-18). **Cross Subsidy Surcharge** • The cross subsidy surcharge shall be 50% of the surcharge determined for that year (for consumers procuring power through renewable energy). • For 220 kV/132 kV consumers –Rs. 1.68 per kWh (50% payable by RE). • For 33 kV/11 KV consumers - Rs.1.26 per kWh (50% payable by RE) (Tariff Order FY 17-18). **Additional Surcharge** • No additional charges for renewable energy (Tariff Order FY 16-17).
Scheduling and Metering	**Scheduling** • For long-term and medium-term open access customers, provisions of the State Grid Code. • Scheduling of all types of inter-state open access transactions shall be as specified by the Central Commission. • SLDC or operating charges for renewable energy will be NIL (Tariff Order FY 17-18). **Metering** • Interface meters (main meter) shall be installed and maintained by the State Transmission Utility or transmission licensee or distribution licensee, for and at the cost of the intra-state requester(or connected user) seeking connectivity at STU, or transmission licensee or distribution licensee system, as the case may be.
Energy losses	• Customer shall bear energy loss of the transmission system and/or distribution system as approved by the Commission. • The energy losses in the transmission and distribution systems shall be compensated by additional injection at the injection point and shall be calculated on the basis of the energy scheduled for transaction at the point(s) of injection. **Transmission and Wheeling Losses** • Total transmission charges or wheeling charges or combination thereof, in kind (energy losses), for long-term/medium-term/short-term open access customers for renewable energy shall be 6% (Tariff order 17-18)

<table>
<tr><td>Imbalance and Reactive energy charges</td><td>
Imbalance energy charges

• In the event of actual generation of renewable generator being less than the scheduled generation, the deviation charges for shortfall in generation should be payable by generators to the state DSM pool.
<table>
<tr><th>Absolute error in time block (15 min)</th><th>Deviation Charges Payable to State DSM Pool</th></tr>
<tr><td><15%</td><td>At fixed rate for shortfall of energy (APPC rate at state level).</td></tr>
<tr><td>15 - 25%</td><td>At fixed rate till 15% + 110% of fixed rate beyond 15% upto 25%.</td></tr>
<tr><td>25 – 35%</td><td>As above, upto 25% +120% of fixed rate beyond 25% upto 35%.</td></tr>
<tr><td>> 35%</td><td>As above, upto 35% +130% of fixed rate on balance energy beyond 35%.</td></tr>
</table>
In the event of the actual generation of renewable generator being more than the scheduled generation, the deviation charges for excess generation shall be payable to the RE generators from the state DSM pool.
<table>
<tr><th>Absolute error in time block (15 min)</th><th>Deviation Charges Payable to RE Generators</th></tr>
<tr><td><15%</td><td>At fixed rate for excess of energy (APPC rate at state level).</td></tr>
<tr><td>15 - 25%</td><td>At fixed rate till 15% + 90% of fixed rate beyond 15% upto 25%.</td></tr>
<tr><td>25 – 35%</td><td>As above, up to 25% +80% of fixed rate beyond 25% up to 35%.</td></tr>
<tr><td>> 35%</td><td>As above, up to 35% +70% of fixed rate on balance energy beyond 35%.</td></tr>
</table>
Reactive energy charges

Reactive energy charges shall be levied at the rate of 27 paisa/kVArh (Tariff Order FY 17-18).
</td></tr>
<tr><td>Link</td><td>http://www.cserc.gov.in/regulation_final.htm</td></tr>
<tr><td>References</td><td>
Open access Regulations 2011:

http://www.cserc.gov.in/pdf/35-CSERC%20_CONNECTIVITY%20AND%20INTRA-STATE%20OPEN%20ACCESS_%20Regulation,2011.pdf

Amendment 1: 2012:

http://www.cserc.gov.in/pdf/44-CSERC%20_Connectivity%20and%20Intra-State%20Open%20Access_%20First%20Amendment-%20Regulations,%202012.pdf

Settlement and balancing Regulations 2016:

http://www.cserc.gov.in/pdf/74-CSERC%20(Intra-state%20Availability%20Based%20Tariff%20and%20Deviation%20Settlement%20Mechanism)%20Regulations,%202016.pdf

Tariff Order 2017-18:
http://cserc.gov.in/admin/upload_news/050817_110643.pdf
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