

BERC (Banking of Power from Fossil Fuel and Renewable Energy based Captive Generating Plant) Regulations, 2018

HIGHLIGHTS

Control Period	3rd April 2018 onwards.
Eligibility Conditions	<ul style="list-style-type: none"> • Fossil fuel and renewable energy based captive power plants supplying power to the grid with intention of drawing power from grid as per requirement. • Minimum capacity of captive generating plant should be 1 MW or 1 MWp.
General Principles	<ul style="list-style-type: none"> • Willing and eligible generators shall be allowed to avail the banking facility on non-discriminatory basis. • Banking of power up to 100% of surplus energy shall be allowed. • Renewable energy based generators shall be exempted from day ahead scheduling. • Withdrawal of banked power is allowed only during the year in which the power has been banked. • Settlement on month to month basis. • Unutilized banked power in a financial year shall be treated as sold to the licensee.
Capacity Target for Distribution Licensee	Cumulative capacity should not exceed 80% of the rated capacity of the connected transformer.
Metering Arrangement	<ul style="list-style-type: none"> • As per the provisions of CEA (Installation and Operation of Meters) Regulations, 2006. • Bi-directional availability based tariff compliant special energy meters (SEM). • Mandatory installation of check meters. • Meters shall be tested, installed and sealed by the licensee as per appropriate regulations. • Cost of testing and installing meters shall be borne by the generator.

OTHER PROVISIONS

Commercial Settlement	<ul style="list-style-type: none"> • Excess energy export over import shall be carried forward to the next billing period for adjustment against energy consumed in subsequent billing periods within the settlement period. • Excess energy import over export shall be billed by the licensee after taking cognizance of banking charges and energy credit balance remaining from previous billing periods. • Net energy withdrawn during the billing period shall be charged at average cost of supply by the licensee. • Unutilized banked power in a financial year shall be paid at average power purchase cost.
Interconnection with the Grid	<ul style="list-style-type: none"> • Conforming to: <ul style="list-style-type: none"> - CEA (Technical Standards for Connectivity of the Distributed Generation Resources) Regulations, 2013, as amended from time to time. - CEA (Measures Related to Safety and Electric Supply) Regulations, 2010, as amended from time to time. • Rooftop grid-connected solar systems with or without battery backup may be installed for captive use. In case of installation with battery backup: <ul style="list-style-type: none"> - The inverter should have separate backup wiring. - Manual isolation switch should be present.
Open Access	Non-discriminatory open access for withdrawal of banked power in a distant consumption unit.
Charges	<ul style="list-style-type: none"> • 2% of banked energy. • No charge on unutilized banked power.
Penalty	In case of failure to provide non-discriminatory banking of power facility, penalty shall be imposed as per provisions of the Act.
Links	https://berc.co.in/rules-regulations/regulations/individual-regulation
References	https://berc.co.in/rules-regulations/regulations/individual-regulation/1464-banking-of-power-from-fossil-fuel-and-renewable-energy-based-captive-generating-plant-regulations-2018