

Jammu and Kashmir Mini Grid Renewable Energy Generation and Supply Regulations, 2016

HIGHLIGHTS

Mini-Grid Area	Rural areas and areas having inadequate supply of electricity during peak hours and/or compulsory supply hours
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Business Models

• **No Existence of Grid -**

- Mini grid operator (MGO) is allowed to set mini-grid project in rural area.
- MGO can supply entire electricity to consumer at mutually agreed tariff or as determined by the government in case MGO avail grant/subsidy from the government.
- On arrival of grid, the MGO can continue with
 - Supply of electricity to consumer at mutually agreed tariff / government approved tariff, or,
 - MGO can sale part of electricity to consumer and remaining to the DISCOM at state electricity regulatory commission (SERC) approved FiT, or,
 - MGO can opt to sale entire electricity to the DISCOM at FiT.
- The MGO has option to transfer the power distribution network (PDN) to DISCOM at depreciated cost provided the standards of PDN match with DISCOM's system
- DISCOM may allow the MGO to work as a distribution franchisee (DF)
- MGO may migrate to any of the options upon intimating the SERC, DISCOM and SNA

• **Grid pre-exists -**

- MGO is allowed to set mini-grid project in rural area where pre-exist
- MGO can supply entire electricity to consumer at mutually agreed tariff or as determined by the government in case the MGO avail subsidy / grant from government for minimum period of six months.
- MGO may opt for any of the following three options -
 - Continue supplying electricity at mutually agreed tariff
 - MGO can sale part of electricity to consumer and balance to DISCOM at FiT approved by SERC
 - After supplying electricity through either of the options for at least 3 years, MGO can sale entire electricity to the DISCOM at FiT
- The MGO has option to transfer PDN to DISCOM at depreciated cost provided the standards of PDN match with DISCOM's system
- MGO may migrate to any of the options upon intimating the SERC, DISCOM and SNA

Technical Standards for PDN

- The PDN for mini grid projects with installed capacity above 50 kw shall conform either JKPDD or CEA (Measure relating to safety and electric supply) regulations 2010
- PDN standard for projects below 50 kw capacity are relaxed
- PDN designed to carry either DC or ACo 24 V DC up to 1 kwo 72 V DC above 1 to 10 kwo 220 V single phase up to 10 kwo 440 V three phase beyond 10 kw

Technical Standards for Interconnection with Grid	As per CEA (Technical Standards for Connectivity of the Distributed Generation Resources) Regulation 2013
FiT Guidelines	FiT determined by SERC as per JKSERC RE Regulations 2013 act as ceiling tariff
Commercial Framework	<ul style="list-style-type: none"> • Energy accounting and payment settlement for supply to consumer shall be as per mutual understanding between MGO and the consumer • Billing cycle may be monthly or bi-monthly • Energy accounting and settlement for supply to DISCOM shall be as per billing period of DISCOM and shall be reimbursed by DISCOM as per FiT determined by SERC • For DF activity MGO shall raise bill to DISCOM as per distribution franchisee agreement
Roles and Responsibility of Stakeholders	<ul style="list-style-type: none"> • SNA - o Support SERC and furnish information sought from time to timeo Facilitate MGO in migration within applicable supply modelo Administer exit and migration request of MGOo Third verification of PDNo Prepare mini grid plan by identifying priority areas for electrificationo Step in and revive defunct mini grid plantso Maintain project information system • DISCOM - o Enter into PPA, FA with MGOo Take over PDN of MGO at depreciated value • MGO - o MGO to set mini grid project after due intimation of details to SNA, DISCOM and Commission
Grievance Redressal Mechanism	<ul style="list-style-type: none"> • A committee shall resolve dispute arising between MGO and DISCOM. • In case dispute is not resolved in a period of three months the aggrieved party may approach SERC • Grievance of consumer shall be addressed through SERC Ombudsman Regulations
Link	http://www.jkserc.nic.in/rn.html
Reference	http://www.jkserc.nic.in/Mini%20Grid%202016%20Final.pdf