

FAQs on Waste to Energy Power Projects

- 1 How much capacity power plant can be supported by solid wastes generated in the State of Gujarat?
 - Gujarat has 8 municipal corporations and 162 municipalities and the solid wastes generated in these urban could support power plants of around 100 MW capacity.
- 2 What is the operative period of Gujarat Waste to Energy Policy-2016?
 - This policy will come into effect from the date of its notification which is 28th march, 2016 and shall remain in operation for a period of 5 years.
- 3 For Which Purpose the developers may set up Power Plants utilizing MSW?
 - The developers may set up Power utilizing Municipal Solid waste For their captive use (Self consumption), for sale of electricity to third party or to obligated entities to meet their Renewable Power Purchase Obligation(RPO) as specified by the Gujarat Electricity Regulatory Commission(GERC)from time to time.
- 4 Who is eligible for Setting up Power Plants utilizing MSW?
 - Any individual, Company or Body Corporate or Association or body of individuals, Urban Local Bodies/Urban Development Authorities Whether incorporated or not, or artificial juridical person will be eligible for setting up Power Plants utilizing Municipal Solid Waste. Only new plant & Machinery shall be eligible for installation under this policy.
- 5 How The Developer of Power projects based on MSW, May select eligible Site & land?
 - The Developer of Power Projects, based on MSW, may select eligible site in proximity to the landfill sites or any other suitable land, in consultation with the concerned Authorities like Urban Development and Urban Housing Department, Gujarat Urban Development Company, Municipal Corporations, Urban Development Authorities, Municipalities etc.
- 6 What will be the availability of Source of MSW?
 - ULBs (Urban Local Body) shall provide MSW to the power plant developer at the power plant site without charging any cost.
- 7 What will be the tariff in MSW to energy Projects?
 - The tariff is as under:

Tariff (Rs/kWh)	Mass Incineration (Rs./kWh)	RDF based Incineration (Rs./kWh)
With Accelerated Depreciation	6.31	6.67
Without Accelerated Depreciation	7.03	7.07

- 8 What is the role of GEDA as a nodal agency?
- The nodal agency will facilitate and assist the Project Developers to undertake the activities like registration of projects; responding to queries etc.
- 9 What are the criteria for the management of Municipal Solid Waste?
- The management and handling of MSW is to be as per the provisions of the MSW Rules, 2000.
- 10 How the grid Connection will be done for the MSW Based Power Plants?
- The Central Electricity Authority (CEA), GOI has published a Gazette Notification No 12/X/STD/CONN/GM/CEA dated October 15, 2013 known as the Central Electricity Authority (Technical Standards for connectivity to the Grid) Amendment Regulations, 2013, specifying various technical requirements for grid connection of renewable energy sources. These regulations and provisions of Grid Code shall be binding to the Power Projects.
- 11 How Inter Connection Voltage will Governed for MSW based Power Plants?
- Interconnection voltages shall be governed as per Gujarat Electricity Grid Code-2013 and GERC's orders, as amended from time to time.
- 12 What are the criteria for the grid connectivity of MSW based power plants?
- The appropriate voltage for injection of power by power projects shall be as per the GERC supply code and amendment thereof.
- 13 What will be the evacuation facilities for MSW based power plants?
- The evacuation facility shall be initially approved by Gujarat Energy Transmission Corporation Limited (GETCO)/Distribution Licensees after carrying out system studies.
- 14 How will be the energy accounting for the power plants based on MSW?
- Electricity generated from power projects based on MSW, shall be metered on 15-minute time block.
- 15 Which type of meters will be provided to MSW based power projects?
- For the purpose of energy accounting, such projects shall provide ABT-compliant meters at interface points.
- 16 In which way the developer may use the power generated from MSW based power plant?
- The project developer may use for self-consumption or sell power to third party or to obligated entities for meeting their RPO.

17 In case for distribution licenses the energy accounting will be done in which way?

- The energy accounting in case of distribution licensees shall be on 15 minutes basis.

18 How the energy accounting will be done in case for captive & third party, if the consumer who does not take renewable attribute for meeting its RPO?

- If the consumer does not take renewable attribute of waste to energy project for meeting its RPO, such energy generated shall be set off against the consumption during the consumer's billing cycle.

19 How the energy accounting will be done in case for captive & third party if the consumer takes renewable attributes for meeting its RPO?

- If the consumer takes renewable attributes of waste to energy project consumed for meeting its RPO, then energy accounting shall be based on 15 minute time block-basis.

20 How the energy accounting will be done in case of captive & third party if registered under REC mechanism?

- If registered under REC mechanism: energy accounting shall be based on 15 minute time block-basis.

21 What will be the concessional benefits for the power plant based on MSW?

- Electricity generated and consumed for self-consumption / sale to third party within the state shall be exempted from payment of electricity duty.

22 Is there any exemption on demand cut?

- Exemption from demand cut to the extent of 50% of installed capacity of the power project based on MSW in case of captive consumption and third party sale within the state.

23 How will the projects Under REC mechanism governed?

- Power projects based on MSW availing open access for captive use/third party sale under REC mechanism shall be governed as per CERC-REC regulations.