

FAQ FOR SMALL HYDRO PROJECTS (S.H.P)

- 1) From which date Small Hydro Policy of Gujarat is in Force?
 - Small Hydro policy was declared on 28/03/2016 and is effective from 28/10/2016
- 2) What is the objective of Small Hydro policy?
 - To promote Renewable & Clean Source of Energy to reduce Carbon emission.
 - To promote Investment, Employment generation and skill development.
 - To encourage R & D and innovation technologies
- 3) What is the operative period of the policy?
 - Operative period of the policy is 35 years from the date of commissioning.
- 4) What are the types of the project?
 - Micro Hydel project of up to 100 kW
 - Mini Hydel project from 101 kw to 2000 kW
 - Small Hydro project from 2MW to 25 MW
- 5) Where to use the electricity generated from S.H.P.?
 - Electricity generated from SHP can be used for Captive use
 - For Third Party sell for RPO purpose
- 6) Who are eligible for setting up Small Hydro project?
 - Any individual, Company or association are eligible.
- 7) What is the first step to install Small Hydro Project?
 - Preparation of detailed Project report based on detail study of past records for availability of water from the river or Canal
- 8) Who will allot site & land for S.H.P?
 - Based on the DPR & feasibility Revenue Department, Narmada, water resources, water supply and kalpsar department may allot the site under Guajarati Infrastructure Act 1999.
- 9) Who is Nodal agency for the state of Gujarat for such projects?
 - Gujarat Energy Development Agency, Gandhinagar, is the Nodal agency for facilitation and implementation of Small Hydro projects in the state of Gujarat.
- 10) What will be the interconnection voltage required for transmission?

| <u>Project Capacity</u> | <u>Interconnection Specification</u> |
|-------------------------|--------------------------------------|
| 6 kW < C < 100 kW | 415 V |
| 100 kW < C < 4 MW | 11 kV |
| C > 4 MW | 66kV and above |

11) What are the metering /Energy recording mechanism?

- Small Hydro projects shall be metered on 15 minutes time block by STU/DISCOM/SLDC/ALDC at receiving end of GETCO
- Small Hydro projects shall provide ABT-Compliant meter at interface point

12) Who will purchase power from S. H.P.?

- Obligated agencies may purchase power from S.H.P. to fulfill their RPO at tariff as determined by GERC
- Distribution Companies may also purchase the power.

13) wheeling is allowed from such projects or not /

- Yes (As per the policy)

14) What are the benefits & Exemption?

- Electricity generated & Consumed for self/Third party within the state shall be exempted from payment of Electricity Duty
- Exemption from demand Cut to the extent of 50% of installed capacity of Small Hydro project.

15) Can S.H.P. be installed under R.E.C. mechanism ?

- YES (Shall be governed as per CERC's REC regulation

16) What are the restrictions in developing Small Hydro projects ?

- Only New Plants & machinery shall be eligible.
- Release of water in Canal shall be controlled by Narmda Water resources, Water supply and kalpsar department.

17) How many capacity of SHP up to 25 MW has been developed?

- Total 21.6 MW of plant has been commissioned by private players.

18) How many capacity of SHP are under implementation stage ?

- Total 88.3 MW of Plant having different capacity at different location of Gujarat State have been installed by SSNNL and all are under implementation stage.