

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 1372
ANSWERED ON 09.02.2023

OCEAN THERMAL ENERGY CONVERSION

1372. SHRI RAMALINGAM S

Will the Minister of New and Renewable Energy be pleased to state:

- (a) whether the Government has set up / installed / taken any initiatives to establish new ocean energy capacity unit and if so, the details thereof;
- (b) if not, the reasons therefor along with the further initiatives taken / proposed to be taken in this regard;
- (c) the details of the demonstration project undertaken and approved by the expert committee in this regard;
- (d) the potential of the ocean thermal energy conversion in the country;
- (e) the details of the identified potential areas to establish such capacity unit; and
- (f) the details of the feasibility report and other incidentals thereof?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a) to (c) The Ministry of New and Renewable Energy (MNRE) is implementing the “Renewable Energy Research and Technology Development Programme” for promotion of indigenous technology development for wide spread deployment of new and renewable energy, including ocean energy, in an efficient and cost-effective manner across the country. National Institute of Ocean Technology (NIOT), an autonomous R&D institute under the Ministry of Earth Sciences (MoES) is implementing an Ocean Thermal Energy Conversion (OTEC) desalination plant at Kavaratti in Lakshadweep, powered by about 65 kW power generated from OTEC.

(d) to (f) The exploitable potential of ocean thermal energy conversion has not been assessed in the country, so far.
