

*Module No. 7: Other Renewable Energy Technologies*  
*No. of weeks / credits 2*

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## **Week 1**

- **Geothermal Energy**

  - ***Introduction Resources:***

    - Volcano-related Heat Sources
    - Sedimentary Basins
    - Technologies for Utilization of Geothermal Resources

- **Wave power**

  - Wave Energy Technology

- **Ocean Thermal Energy Conversion**

  - History
  - Closed-cycle Development.

## **Week 2**

- **Tidal Power**

  - Introduction
  - The Nature of the Resource
  - Power Generation
  - Technical Factors
  - Environmental Factors
  - Integration
  - Economic Factors
  - Tidal Energy Potential
  - Tidal Barrages: Conclusions, Tidal Streams, Tidal Current Turbines: The Next Stage, Tidal Current Assessment