

Geospatial Energy Map of India by NITI Aayog

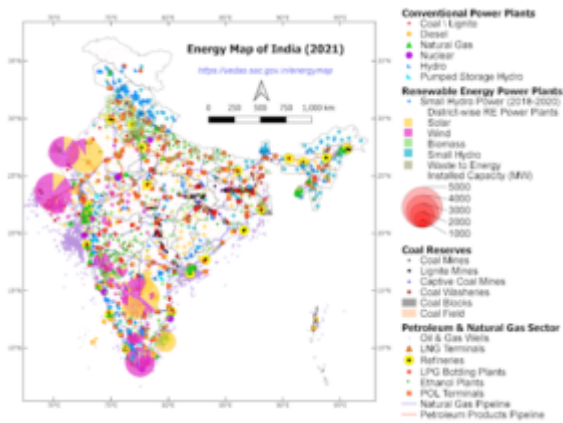
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In news– Recently, NITI Aayog launched Geospatial Energy Map of India in collaboration with ISRO based on a Memorandum of Understanding (MoU) signed on June 07, 2017.

About Geospatial Energy Map of India-

- It was **supported by the Energy Ministries of Government of India.**
- The map attempts to **identify and locate all primary and secondary sources of energy and their transportation/transmission networks** to provide a comprehensive view of energy production and distribution in a country.
- It is a unique effort **aimed at integrating energy data scattered across multiple organizations** and to present it in a consolidated, visually appealing graphical manner.
- It **leverages the latest advancements in web-GIS technology and open-source software** to make it interactive and user friendly.
- The Geospatial Energy Map of India will be **useful in planning and making investment decisions.**
- It will also **aid in disaster management** using available energy assets.

GIS-mapping of energy assets will be **useful for ensuring real-time and integrated planning of the energy sector of India**, given its large geographical distribution and interdependence.



The GIS map provides a **holistic picture of all energy resources of the country** which enables visualisation of energy installations such as **conventional power plants, oil and gas wells, petroleum refineries, coal fields and coal blocks, district-wise data on renewable energy power plants** and renewable energy resource potential, etc through **27 thematic layers**.