

⚡ Nuclear & Thermal Power Plants in India 2025

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Nuclear Power Plants

Nuclear Power Plant	Location / State	Reactor Type	Capacity (MW)	Key Notes
Kudankulam	Tamil Nadu	VVER	~1000 MW per unit	Highest capacity nuclear plant
Tarapur Atomic Power Station	Maharashtra	BWR + PHWR	~1400 MW	India's first nuclear power station
Kaiga Generating Station	Karnataka	PHWR	~880 MW	Multiple units
Rajasthan Atomic Power Station	Rajasthan	PHWR	~1180 MW	One of the oldest nuclear sites

Thermal Power Plants

Thermal Power Plant	Location / State	Fuel Type	Capacity (MW)	Key Notes
Vindhyachal TPS	Madhya Pradesh	Coal	~4760 MW	India's largest coal plant
Mundra TPS	Gujarat	Coal	~4000 MW	Private sector mega project
Sasan UMPP	Madhya Pradesh	Coal	~3960 MW	Ultra Mega Power Plant
NTPC Sipat	Chhattisgarh	Coal	~2980 MW	Modern high efficiency
Talcher TPS	Odisha	Coal	~3000 MW+	Major eastern India unit