

BIDS FOR SETTING UP OF WIND POWER PROJECTS OF OVER 8000 MW CAPACITY FINALISED

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Ministry of New and Renewable Energy

Bids for setting up of Wind Power Projects of over 8000 MW Capacity Finalised

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The wind power projects in the country are installed on the basis of commercial viability through tariff based competitive bidding process. As on date, the bids for setting up of wind power projects of aggregate 8389.90 MW capacity have been finalised through Solar Energy Corporation of India Ltd. (SECI) and National Thermal Power Corporation Ltd. (NTPC), as detailed in **Annexure-II**. Besides, bids of 500 MW each have been finalised by the states of Tamil Nadu, Gujarat and Maharashtra.

The Government has set a target of installing 60 GW of wind power capacity by 2022, against which 35 GW capacity has already been installed. The state wise installed capacity and energy generation (actual production) of wind power in the country during last three years and current year are given in **Annexure -I**.

The Government is promoting wind power projects in entire country by providing various fiscal and financial incentives such as Accelerated Depreciation benefit; concessional custom duty exemption on certain components of wind electric generators. Besides, Generation Based Incentive (GBI) is being provided to the wind projects commissioned before 31 March 2017.

In addition to fiscal and other incentives as stated above, following steps also have been taken to promote installation of wind capacity in the country:

- Technical support including wind resource assessment and identification of potential sites through the National Institute of Wind Energy, Chennai.
- In order to facilitate inter-state sale of wind power, the inter-state transmission charges and losses have been waived off for wind and solar projects to be commissioned by March, 2022.
- Issued Guidelines for Tariff Based Competitive Bidding Process for procurement of Power from Grid Connected Wind Power Projects. These Guidelines aim to enable the Distribution Licensees to procure wind power at competitive rates in a cost effective manner.

This was informed by Minister of State (I/C) for New and Renewable Energy and Power Shri R. K Singh in a written reply in the Lok Sabha today.

RCJ/RP

Annexure-I

State-wise installed capacity and energy generation of Wind Power

State	2015-16		2016-17		2017-18		2018-19	
	Installed Capacity (MW)	Energy Generation (MU)	Installed Capacity (MW)	Energy Generation (MU)	Installed Capacity (MW)	Energy Generation (MU)	Installed Capacity (MW) (as on 30.11.2018)	Energy Generation (MU) (as on 31.10.2018)
Andhra Pradesh	400.10	2013.04	2187.45	3187.85	348.10	6354.11	107.40	774.50
Gujarat	392.40	6446.58	1392.00	7720.01	272.80	9635.65	239.25	1885.09
Karnataka	230.90	4797.95	882.30	6058.65	857.00	7410.29	63.90	998.60
Kerala	8.40	51.45	8.00	72.59	1.00	98.46	0.00	10.78
Madhya Pradesh	1261.40	1558.43	356.70	3563.17	22.10	4139.84	0.00	1081.38
Maharashtra	207.85	6121.34	117.55	7490.75	12.60	6541.35	4.20	1060.68
Rajasthan	685.50	4583.59	287.70	5562.52	16.00	5665.45	2.00	1123.47
Tamil Nadu	158.80	7273.23	247.57	11935.26	335.64	12358.01	427.80	723.82
Telangana	77.70	0.00	23.10	211.93	0.00	195.29	27.30	29.81
Others	0.00	183.77	0.00	201.61	0.00	267.65	0.00	75.70
Total	3423.05	33029.38	5502.37	46004.34	1865.24	52666.1	871.85	7763.83
Cumulative Capacity	26777.39	--	32279.76	-	34145.00	-	35016.85	-

Annexure-II

SECI Bid	Project Capacity (MW)	Project Locations	Tariff Rs./unit	Present Status
SECI Tranche I	1049.90	Thirunelveli (Tamil Nadu) and Bhuj & Bachau (Gujarat)	3.46	425.9 MW commissioned. Financial closure achieved for 624 MW
SECI Tranche II	1000	Tuticorin (Tamil Nadu) and Bhuj & Bachau (Gujarat)	2.65-2.65	Scheduled commissioning date is 03.05.2019
SECI	2000	Tuticorin (Tamil Nadu)	2.44-2.45	Scheduled

Tranche III		and Bhuj & Bachau (Gujarat)		commissioning date is 23.11.2019
SECI Tranche IV	2000	Pugalur, Thirunelveli, & Palakkad (Tamil Nadu) and Bhuj (Gujarat)	2.51-2.52	Scheduled commissioning date is 28.02.2020
SECI Tranche V	1190	Bhuj (Gujarat) and Hiriyur (Karnataka)	2.76-2.77	Scheduled commissioning date is 22.07.2020
NTPC	1150	Pavagada (Andhra Pradesh), Osmanabad (Maharashtra), Karur & Tirupur (Tamil Nadu), Kutch (Gujarat) and Devangere (Karnataka)	2.77-2.83	Scheduled commissioning date is 13.07.2020
Total	8389.9			

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