

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 2057**  
ANSWERED ON 14/12/2023

**WIND MILL PROJECTS**

2057. SHRI ANTO ANTONY

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) whether the Government has received a proposal from the Government of Kerala for setting up of wind mill project for power generation at coastal areas in Kerala;
- (b) if so, the details thereof including expected cost of the project and total power generation estimated through this project;
- (c) the response of the Government in this regard;
- (d) whether the Government has any statistics regarding Kerala's total power generation capacity, consumption and the purchase of power outside State;
- (e) if so, the details thereof during the last ten years, year-wise;
- (f) whether the Government is able to provide adequate power supply to the State of Kerala; and
- (g) if so, the details of power supplied during the ten years, year-wise and price per unit thereof?

**ANSWER**

**THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER**

**(SHRI R.K. SINGH)**

(a) to (c) Ministry of New and Renewable Energy has not received any specific proposal from the Government of Kerala for setting up of wind mill project for power generation at coastal areas in Kerala.

(d) & (e) The details of source-wise and year-wise power generation capacity in the State of Kerala during the last ten years (as on 31st March) and the current year 2023-24 (as on 31st October 2023), are given in **Annexure I**. The year-wise details of Total Energy Supplied (consumption) in the State of Kerala and the total energy drawal from the Grid (purchase of power from sources outside the State sector), during the last ten years, are given in **Annexure II**.

(f) & (g) The year-wise details of the actual Power Supply Position in the State of Kerala during the last ten years and the current year 2023-24 (upto October,2023), are given in **Annexure III**. The tariff for the various categories of consumers is decided by the Kerala State Electricity Regulatory Commission (KSERC) from time to time as per the powers vested under the Electricity Act, 2003.

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**Annexure I referred to in reply to part (d) & (e) of the Lok Sabha Unstarred Question No. 2057 for 14.12.2022**

[All figures are in Megawatt (MW)]

As on	Thermal					Nuclear	Renewables		Total Power Generation Capacity in Kerala
	Coal	Lignite	Gas	Diesel	Total		Hydro	Other Renewable Energy (RE) Sources (as per MNRE)	
31.03.2014	931.19	0.00	533.58	256.44	1721.21	95.60	1881.50	198.31	3896.62
31.03.2015	1002.44	0.00	533.58	256.44	1792.46	228.60	1881.50	209.83	4112.39
31.03.2016	1038.69	0.00	533.58	234.60	1806.87	228.60	1881.50	264.53	4181.50
31.03.2017	1723.18	0.00	533.58	159.96	2416.72	362.00	1881.50	357.87	5018.09
31.03.2018	1758.22	0.00	533.58	159.96	2451.76	362.00	1881.50	400.56	5095.82
31.03.2019	1476.42	281.80	533.58	159.96	2451.76	362.00	1856.50	434.21	5104.47
31.03.2020	2058.92	298.00	533.58	159.96	3050.46	362.00	1856.50	447.85	5716.81
31.03.2021	2058.92	314.20	533.58	159.96	3066.66	362.00	1856.50	572.42	5857.58
31.03.2022	2058.92	314.20	533.58	159.96	3066.66	362.00	1856.50	670.70	5955.86
31.03.2023	2059.00	325.33	533.58	159.96	3077.87	362.00	1864.15	1092.95	6396.97
31.10.2023	2059.00	325.33	533.58	159.96	3077.87	362.00	1864.15	1194.20	6498.22

**Annex II referred to in reply to part (d) & (e) of the Lok Sabha Unstarred Question No. 2057 for 14.12.2022**

Year	Total Energy Supplied in the State of Kerala	Total Drawl by Kerala from the Grid forming part of the Total Energy Supplied in the State
	in Million Units (MU)	In Million Units (MU)
2013-14	21,052	11,077
2014-15	22,127	13,137
2015-16	23,194	14,409
2016-17	24,261	19,215
2017-18	24,917	18,508
2018-19	24,898	16,773
2019-20	26,265	20,136
2020-21	25,102	17,564
2021-22	26,570	16,158
2022-23	27,726	18,323

**Annex III referred to in reply to part (f) & (g) of the Lok Sabha Unstarred Question No. 2057 for 14.12.2022**

Year	Energy Requirement in Million Units (MU)	Energy Supplied in Million Units (MU)	Energy not Supplied	
			(MU)	(%)
<b>2013-14</b>	21,577	21,052	525	2.4
<b>2014-15</b>	22,459	22,127	332	1.5
<b>2015-16</b>	23,318	23,194	124	0.5
<b>2016-17</b>	24,296	24,261	35	0.1
<b>2017-18</b>	25,002	24,917	85	0.3
<b>2018-19</b>	25,016	24,898	118	0.5
<b>2019-20</b>	26,315	26,265	50	0.2
<b>2020-21</b>	25,118	25,102	16	0.1
<b>2021-22</b>	26,579	26,570	9	0.0
<b>2022-23</b>	27,747	27,726	21	0.1
<b>2023-24 (upto Oct, 2023)</b>	17,791	17,787	4	0.0