

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION NO. 2059
TO BE ANSWERED ON 30.07.2021

Pollution from Coal-based Power Plants

2059: SHRIMATI RAKSHA NIKHIL KHADSE:
SHRI MANOJ KOTAK:

Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to State:

- (a) the details of coal-based power plants given environmental clearance during the last five years;
- (b) the details of coal-based power plants which have been shut down during the last five years due to environmental issues in the country;
- (c) whether a number of old polluting coal-based power plants are still operational in the country and if so, the details thereof; and
- (d) whether the Government has identified and ordered to shutdown such polluting plants and if so, the detail thereof?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(SHRI ASHWINI KUMAR CHOUBEY)

(a) The Ministry has granted total 26 Environmental Clearances (EC) under the provisions of the EIA Notification, 2006, as amended to the coal based power plants during the last five years. The list of EC granted during the said period is at **Annexure-I**.

(b) As per information compiled by the Central Electricity Authority (CEA), 126 coal based thermal power plant units have been shut down during March 2016 to June 2021 due to various reasons viz. techno-economic and commercial considerations including compliance of emission norms. The list of these coal based thermal power plant units including dates of retirement are enclosed at **Annexure-II**.

(c) & (d) The CEA in November, 2019 has identified 81 coal based old and inefficient thermal power plant units for tentative retirement after examining on case to case basis. Out of these 81 units, 34 units have been retired up to June, 2021. MoEF&CC vide notification G.S.R. 243 (E) dated 31.03.2021 has prescribed specific time-line with conditions for compliance of emission norms. The notification also provides for retirement/shut down of units which are non-compliant of emission norms, along with levy of environmental compensation in case of delay in compliance of emission norms.

Annexure-I referred in reply to part (a) of the LS US Q No. 2059 asked by ShrimatiRaksha Nikhil Khadse, Shri Manoj Kotak, Hon'ble MP

List of coal-based power plants given Environmental Clearance (EC) during the last five years

S. No.	Details of Projects	Date of Issue of EC
1	Environment Clearance for 2x800 MW Uppur Supercritical Thermal Power Plant and CRZ clearance for the foreshore facilities (cooling water intake and outfall structures) at Villages Uppur, Valamavoor&Thiruppalaikudi, Tehsil Tiruvadanai, District amanatahapuram, Tamil Nadu by M/s Tamil Nadu Generation & Distribution Corporation Ltd. (TANGEDCO).	18.05.16
2	Expansion of Obra TPP by addition of 2x660 MW at Obra, Tehsil Robertsganj, District Sonebhadra, Uttar Pradesh by M/s Uttar Pradesh RajyaVidyutUtpadan Nigam Ltd. UPRVUNL)	21.06.16
3	Addition of 6 MW Turbine to existing 2x18 MW Captive Power Plant (CPP) of Alathiyur Cement Plant at Village Alathiyur, Taluk Sendurai, District Ariyalur, Tamil Nadu by M/s. The Ramco Cements Ltd.	04.07.16
4	2x660 MW Coal Based Thermal Power Project near village Malwan, District Etah, Uttar Pradesh by M/s JawaharpurVidyutUtpadan Nigam Ltd (JVUNL)	26.10.16
5	2x660 MW Coal Based Super Critical Buxar Thermal Power Project (BTPP) at near Village Chausa, District Buxar, Bihar by M/s SJVN Thermal Put. Ltd	28.02.17
6	Manuguru thermal power project (4x270 mw) at Manuguru Mandal, Khammam district, Telangana statex270 MW (1080 MW) Coal based Bhadradi Thermal Power Station (BTPS) at Villages Ramanujavaram, Eddulabayyaram&Seetharampuram, MandalsManuguru&Pinapaka, District BhadradiKhotagudem (Erstwhile Khammam dist.), Telangana by M/s Telangana State Power Generation Corporation (TSGENCO) Ltd.	15.03.17
7	2x660 Coal based Khurja Super Thermal Power Project at Villages DushharaKherli, Jahanpur, Naiphal and Rukanpur in Khurja Taluk, BulandshaharDistt. Uttar Pradesh by M/s THDC India Limited	30.03.17
8	5x800 MW Super Critical Coal based Yadadri Thermal Power Station at Veerlapalem Village, Dameracheral Mandal, Nalgonda District, Telangana State by M/s Telangana State Power Generation Corporation (TSGENCO) Ltd. - reg. Environmental Clearance.	29.06.17
9	1x660 MW Coal Based Supercritical Panki Extension Power Project at Panki, Distt. Kanpur, Uttar Pradesh by M/s Uttar Pradesh	29.06.17

	RajyaVidyutUtpadan Nigam Limited.	
10	Sub: 3x800 MW (Phase-I) Patraru Super Thermal Power Project at Patraru, District Ramgarh, Jharkhand by M/s PatraruVidyutUtpadan Nigam Ltd. (PVUNL)	07.07.17
11	Expansion by addition of 2x800 MW (Phase-II) Imported Coal based Super Critical Thermal Power Project at Village Yelluru, Taluk Udupi, Distt. Udupi in Karnataka by M/s Udupi Power Corporation Limited (UPCL)	01.08.17
12	2x800 MW Imported coal based Godda Thermal Power Project at Village Motia, Patwa, Gangta and Nayabad of Godda Block and Sondiha, Petbi, Gayghat, Ranganiya and Mali villages of Poraiyahaat Block, Distt. Godda, Jharkhand by M/s Adani Power (Jharkhand) Limited	31.08.17
13	Proposed 200 MW (1x135 MW and 1x65 MW) Coal based Thermal Power Project at Pedaveedu Village, Mattampalli Mandal, Nalgonda District, Telangana State by the M/s M.G Power Projects Limited	24.04.18
14	Proposed expansion of 2x660 MW Super Critical Lignite based Thermal Power Project at VillgesMudanai, Kunakurichi, Uthangal, Tehsil Vridhachalam, District Cuddalore, Tamilnadu by M/s NLC India Ltd.	29.10.18
15	2x660 MW (Stage-III, Expansion) Coal based Ultra Super Critical Talcher Thermal Power Project, Near Talcher Town, Tehsil Talcher Sa dar, Angul District, Odisha by M/s NTPC Ltd	12.09.18
16	Modernization & Expansion in Power Plant from 125.3 MW to 141 MW at existing Shriram Nagar Industrial Area, Tehsil · Ladpura, District - Kota, Rajasthan by M/s DCM Shriram Ltd.	03.01.19
17	3x800 MW Coal based Super-Critical Thermal Power Project (Greenfield) at Village AnnupurnaKhamar, Taluk Kamakhyanagar, Dhenkenal District, Odisha by M/s. Odisha Thermal Power Corporation Ltd	10.12.19
18	1x660 MW Ennore Supercritical Thermal Power Project (Expansion), Village Ernavur, District Ennore, Tamil Nadu by M/s Tamil Nadu Generation and Distribution orporation Ltd (TANGEDCO)	11.12.19
19	Expansion from 2x600 MW to 2000 MW) at Pegadapalli Village, Jaipur Mandal, Mancheria District, Telangana by M/s Singareni Collieries Company Ltd	18.12.19
20	Expansion by addition of 2x660 MW Stage-V (Unit-7 & 8) Coal based Thermal Power Plant at Village Thukrana, in Suratgarh Tehsil, in Sri Ganganagar Dist., Rajasthan by M/s Rajasthan RajyaVidyutUtpadan Nigam Ltd. reg. amendment in EC	14.01.20
21	Expansion of cogeneration power plant from 6 MW to 18 MW at Sy. Nos. 250, 259, 260, 262, 471, 263 and 473, Village & Taluk Gokak, District Belagavi, Karnataka by M/s. Roquette India Private Limited. (erstwhile	24.02.20

	M/s RoquetteRiddhi Siddhi Pvt. Ltd	
22	Proposed 1x660 MW Coal based Supercritical Sagardighi Thermal Power Project (Expansion, Phase-III, Unit-5), Village Manigram, Chandpara, Kanchanpara, Harirampur, District Murshidabad, West Bengal by M/s The West Bengal Power Development Corporation Ltd.-	24.03.20
23	2x800 MW (Stage-III) Coal based Singrauli Super-critical Thermal Power Project at Village Shaktinagar, Tehsil Dudhi, District Sonbhadra, Uttar Pradesh by M/S NTPC Limited.	13.07.20
24	1x800 MW Coal Based Supercritical Thermal Power Plant and Decommissioning of 2x120 MW Units at Ukai Thermal Power Plant at Vill. Vagda, Tehsil -Fort Songadh, District-Tapi, Gujarat by M/s Gujarat State Electricity Corporation Limited (GSECL)	13.10.20
25	3x800 MW NLC Talabira Thermal Power Project (NTTPP) at Kumbhari and Tareikela Villages in District Jharsuguda and Thelkolo Village in District Sambalpur, Odisha by M/s NLC India Ltd.	02.02.21
26	14.5 MW Coal based Captive Co-generation Power Plant within the existing facility at Village Puthukkadu, Kokkarakondi, Pirivu, Puthupeerkadavu, Taluk Sathyamangalam, District Erode, Tamil Nadu by M/s Sri Andal Paper Mill Pvt. Ltd.	15.02.21

Annexure-II referred in reply to part (b) of the LS US Q No. 2059 asked by ShrimatiRaksha Nikhil Khadse, Shri Manoj Kotak, Hon'ble MP

List of Units Retired from 01.04.2016 to till date

Sl. No.	Name of Station/Plant	State	No of Units	Unit No.	Retired on
1	NEW COSSIPORETPS	West Bengal	4	1,2,3,4	04.04.2016
2	PANIPAT TPS	Haryana	4	1,2,3,4	12.04.2016
3	Koradi TPS	Maharashtra	4	1,2,3,4	02.08.2016
4	CHANDRAPUR(MAH) STPS	Maharashtra	2	1,2	21.10.2016
5	PARLI TPS	Maharashtra	1	3	21.10.2016
6	DURGAPUR TPS	West Bengal	1	3	21.10.2016
7	PATRATU TPS	Jharkhand	5	1,2,3,5,8	21.12.2016
8	SANTALDIH TPS	West Bengal	4	1,2,3,4	21.12.2016
9	GANDHI NAGAR TPS	Gujarat	2	1,2	12.01.2017
10	ENNORE TPS	Tamil Nadu	1	5	12.01.2017
11	CHANDRAPURA(DVC) TPS	Jharkhand	1	1	17.01.2017
12	TROMBAY TPS	Maharashtra	1	4	08.02.2017
13	DPL TPS	West Bengal	3	3,4,5	20.02.2017
14	ENNORE TPS	Tamil Nadu	4	1,2,3,4	31.03.2017
15	KORADI TPS	Maharashtra	1	5	24.04.2017
16	CHANDRAPUR(ASSAM)	Assam	2	1,2	18.08.2017
17	UKAI TPS	Gujarat	2	1,2	18.08.2017
18	SIKKA REP. TPS	Gujarat	2	1,2	18.08.2017
19	HARDUAGANJ TPS	Uttar Pradesh	1	5	18.08.2017
20	OBRA TPS	Uttar Pradesh	2	1,2	18.08.2017
21	BHUSAWAL TPS	Maharashtra	1	2	31.08.2017
22	CHINAKURI TPS	West Bengal	3	1,2,3	31.08.2017
23	DISHERGARH TPS	West Bengal	4	1,3,4,5	31.08.2017
24	SEEBPORE TPS	West Bengal	4	1,2,3,4	31.08.2017
25	CHANDRAPURA(DVC) TPS	Jharkhand	1	2	04.09.2017
26	BOKARO 'B' TPS	Jharkhand	2	1,2	04.09.2017
27	PATRATU TPS	Jharkhand	5	4,6,7,9&10	23.11.2017
28	PANKI TPS	Uttar Pradesh	2	3,4	16.03.2018
29	OBRA TPS	Uttar Pradesh	1	8	03.04.2018
30	BANDEL TPS	West Bengal	2	3,4	20.04.2018
31	BHATINDA TPS	Punjab	4	1,2,3,4	31.08.2018
32	ROPAR TPS	Punjab	2	1,2	31.08.2018
33	BADARPUR TPS	Delhi	5	1,2,3,4,5	30.10.2018
34	NEYVELI TPS-I	Tamil Nadu	1	7	06.02.2019
35	KOTHAGUDEM TPS	Telangana	3	3,6,8	19.03.2019

36	KORBA-II	Chhattisgarh	4	1,2,3,4	13.08.2019
37	TROMBAY TPS	Maharashtra	1	6	12.09.2019
38	SABARMATI (C STATION)	Gujarat	2	15,16	13.09.2019
39	RAJGHAT TPS	Delhi	2	1,2	23.09.2019
40	PARLI TPS	Maharashtra	2	4,5	23.01.2020
41	D.P.L. TPS	West Bengal	1	6	28.01.2020
42	KOTHAGUDEM TPS	Telangana	1	2	03.03.2020
43	CHANDRAPURA(DVC) TPS	Jharkhand	1	3	19.03.2020
44	KOTHAGUDEM TPS	Telangana	1	5	30.03.2020
45	KOTHAGUDEM TPS	Telangana	3	1,4,7	31.03.2020
46	NEYVELI TPS-I	Tamil Nadu	2	1,9	31.03.2020
47	PANIPAT TPS	Haryana	1	5	31.03.2020
48	NEYVELI TPS-I	Tamil Nadu	3	2,4,8	08.07.2020
49	NEYVELI TPS-I	Tamil Nadu	1	3	30.07.2020
50	NEYVELI TPS-I	Tamil Nadu	1	5	28.09.2020
51	NEYVELI TPS-I	Tamil Nadu	1	6	30.09.2020
52	KORBA-III	Chhattisgarh	2	1,2	01.01.2021
53	KUTCH LIG. TPS	Gujarat	2	1,2	22.01.2021
54	BOKARO 'B' TPS	Jharkhand	1	3	01.04.2021
55	TALCHER (OLD) TPS	Odisha	6	1,2,3,4,5,6	01.04.2021
56	AMARKANTAK TPS	Madhya Pradesh	1	3	04.03.2016
	Total		126		