

1	2	3
PSPCL	157.41	171.06
RRVUNL	32.50	271.66
TANGEDCO	471.39	803.51
TVNL	423.70	565.92
UPRVUNL	752.48	960.61
WBPDCCL	1,083.71	1,446.17
WBSEB	1.29	1.29
TOTAL	4,686.80	6,960.71
CPSUs		
DVC	789.49	1,553.16
NTPC	2,439.48	3,500.15
KBUNL	2.32	1.62
NLC Tamil Nadu	71.42	0.07
APCPL Aravali	85.44	54.24
NTECL	243.69	295.94
DCC	8.90	0.00
BRBCL	21.66	31.85
TOTAL	3,662.40	5,437.03
Other Pvt. Power	85.99	25.62
TOTAL	8,435.19	12,423.36

Coal production and carbon footprint

2406. DR. AMAR PATNAIK: Will the Minister of COAL be pleased to state:

(a) the details of mining technologies being utilised by coal producers to reduce their carbon footprint;

(b) the details additional forest and green cover created by Coal India Limited during the last three years; and

(c) the details of estimated national demand for coal uptill 2035?

THE MINISTER OF COAL (SHRI PRALHAD JOSHI): (a) Various methods and technologies being utilised by the coal producers to reduce carbon footprint are as follows:-

1. Deployment of Surface Miners in opencast coal mines and continuous miner in underground coal mines.
2. Transportation of coal through railways, belt conveyors and tube conveyors.
3. Draglines deployed in opencast projects.
4. Effective plantation in the mine lease area to arrest the propagation and dispersion of dust.
5. Roads are black-topped and coal carrying trucks are optimally loaded and covered with tarpaulin.
6. Diversifying into coal to chemical business thereby reduce more carbon footprints.

(b) CIL and its subsidiaries have planted 99.6 million saplings in 39842 Ha till February 2020. Details of additional forest and green cover created by Coal India limited during last three years are as below:-

Period	2017-18		2018-19		2019-20	
	No.	Ha.	No.	Ha.	No.	Ha.
CIL	1995166	821.521	1816070	733.428	1976618	812.98

(c) As per Vision 2024 of Ministry of Coal, projection of all India coal demand during next 5 years has been depicted as below:-

(Figs in Million Tonne)

	2019-20	2020-21	2021-22	2022-23	2023-24
All India demand	1000	1052	1111	1172	1273