

GOVERNMENT OF INDIA  
MINISTRY OF COAL  
LOK SABHA  
UNSTARRED QUESTION No. 142  
TO BE ANSWERED ON 02/02/2017

Production of Coal

142. SHRI SHARAD TRIPATHI:

Will the Minister of COAL be pleased to state:

- (a) the number of underground and open pit mines operating under Coal India Limited (CIL) along with the annual production of coal from such mines during each of the last three years and the current year, company and State-wise;
- (b) whether the number of underground coal mines has been declining over the years;
- (c) if so, the details thereof along with the reasons therefor;
- (d) whether any blueprint has been prepared to increase the production of coal from underground mines; and
- (e) if so, the details thereof?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) FOR COAL, POWER, NEW & RENEWABLE ENERGY AND MINES

(SHRI PIYUSH GOYAL)

(a): Company-wise working coal mines (underground and opencast and mixed) operated by Coal India Limited (CIL) during the last three years and current year (as on 1.4.2016) is given below.

Com.	As on 01.04.2013			As on 01.04.2014			As on 01.04.2015			As on 01.04.2016		
	UG	OC	Mixed	UG	OC	Mixed	UG	OC	Mixed	UG	OC	Mixed
<b>ECL</b>	87	17	1	80	19	5	75	20	9	60	18	8
<b>BCCL</b>	40	19	20	19	14	20	15	19	17	13	18	17
<b>CCL</b>	25	42	0	22	45	0	22	45	1	21	42	2
<b>NCL</b>	0	10	0	0	10	0	0	10	0	0	10	0
<b>WCL</b>	42	39	1	41	38	0	41	41	0	39	45	2
<b>SECL</b>	64	23	1	64	21	1	63	21	1	63	22	1
<b>MCL</b>	11	16	0	10	16	0	10	16	0	10	18	0
<b>NEC</b>	1	3	0	1	3	0	1	3	0	1	3	0
<b>CIL</b>	<b>270</b>	<b>169</b>	<b>23</b>	<b>237</b>	<b>166</b>	<b>26</b>	<b>227</b>	<b>175</b>	<b>28</b>	<b>207</b>	<b>176</b>	<b>30</b>

The Company and State-wise annual production of coal in opencast and underground mines during the last three years and the current years is given below:

(in million tonnes)

Comp.	2013-14			2014-15			2015-16			2016-17 upto DEC'16 (Prov.)		
	UG	OC	TOTAL	UG	OC	TOTAL	UG	OC	TOTAL	UG	OC	TOTAL
ECL	6.871	29.183	36.054	7.292	32.716	40.008	7.329	32.880	40.209	5.771	22.8	28.571
BCCL	2.704	29.910	32.614	2.029	32.485	34.514	1.807	34.054	35.861	1.273	24.503	25.776
CCL	0.956	49.066	50.022	0.841	54.811	55.652	0.848	60.476	61.324	0.555	40.286	40.841
NCL	0.000	68.639	68.639	0.000	72.484	72.484	0.000	80.224	80.224	0	59.197	59.197
WCL	7.730	31.999	39.729	7.565	33.582	41.147	7.180	37.635	44.815	3.92	22.833	26.753
SECL	16.416	107.845	124.261	16.036	112.239	128.275	15.507	122.427	137.934	10.214	87.283	97.497
MCL	1.433	109.006	110.439	1.276	120.103	121.379	1.112	136.789	137.901	0.753	98.126	98.879
NEC	0.003	0.661	0.664	0.003	0.776	0.779	0.003	0.483	0.486	0.002	0.253	0.255
CIL	36.113	426.309	462.422	35.042	459.196	494.238	33.786	504.968	538.754	22.488	355.281	377.769

(in million tonnes)

State	2013-14			2014-15			2015-16			2016-17 upto DEC'16 (Prov.)		
	UG	OC	Total	UG	OC	Total	UG	OC	Total	UG	OC	Total
W BENGAL	6.375	14.055	20.43	6.732	14.920	21.652	6.787	16.931	23.718	0.345	14.294	14.639
JHARKHAND	4.156	94.104	98.26	3.429	105.092	108.521	3.197	110.478	113.675	7.254	73.295	80.549
CHATTISGARH	9.038	101.105	110.143	8.504	106.688	115.192	8.165	116.041	124.206	5.106	84.404	89.51
ODISHA	1.433	109.006	110.439	1.276	120.103	121.379	1.112	136.789	137.901	0.753	98.126	98.879
M.P	11.981	61.609	73.59	12.240	64.163	76.403	11.738	76.154	87.892	7.774	51.685	59.459
MAHARASTRA	3.127	31.048	34.175	2.857	32.497	35.354	2.784	35.403	38.187	1.254	21.918	23.172
U.P	0.000	14.721	14.721	0.000	14.957	14.957	0.000	12.689	12.689	0	11.306	11.306
ASSAM	0.003	0.661	0.664	0.003	0.776	0.779	0.003	0.483	0.486	0.002	0.253	0.255
CIL	36.113	426.309	462.422	35.042	459.196	494.238	33.786	504.968	538.754	22.488	355.281	377.769

(b)&(c): Number of underground mines are decreasing due to conversion of underground mines to opencast mines by deploying high capacity Heavy Earth Moving Machineries (HEMM) equipment, exhaustion of reserve in existing mines, safety reasons and economic non-viability.

(d)&(e): To enhance underground coal production, an exercise has been carried out by CIL for achieving a coal production level of 52.00 MT from underground mines by 2019-20. The following steps have been taken by CIL to enhance underground production (i) Gradual conversion of manual underground mines into semi mechanized mines by using technology like Load Haul Dump (LHD) / Side Discharge Loader (SDL) with Universal Drilling Machine (UDM). (ii) Mass Production Technology i.e. use of Continuous Miner and Long Wall Technology where ever geo mining condition permits.

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