GOVERNMENT OF INDIA MINISTRY OF COAL

LOK SABHA UNSTARRED QUESTION NO.2430 TO BE ANSWERED ON 26.12.2018

Coal Production

2430. SHRIMATI REKHA VERMA: SHRIMATI VEENA DEVI:

Will the MINISTER OF COAL be pleased to state:

- (a) the year-wise grade, quantum and cost of coal production in various active coal mines in the country during the last five years along with the international price thereof;
- (b) whether the consumer price of coal has increased during the last few years and if so, the reaction of the Government thereto;
- (c) the total earnings of Coal India Limited and its subsidiary companies during the said period;
- (d) the steps taken by the Government to produce high quality and higher quantum of coal to meet the requirement of coal in the country;
- (e) the details of the quantum and quality of coal supplied to thermal power plants run by the National Thermal Power Corporation and private thermal power plants in Karnataka in accordance with Fuel Supply Agreement during the said period; and
- (f) the steps taken by the Government to supply adequate quantity of good quality coal to the said plants in compliance with the Fuel Supply Agreement?

ANSWER

MINISTER OF RAILWAYS ANDCOAL (SHRI PIYUSH GOYAL)

(a): Year-wise, grade-wise raw coal production of Coal India Limited (CIL) and Singareni Coal Companies Limited (SCCL) during the last five years is as under:

CIL:				(in Millio	n Tonnes)
GRADES	2017-18	2016-17	2015-16	2014-15	2013-14
SC-I Blendable				0.004	0.010
SC-II Blendable	0.182	0.110	0.135	0.126	0.125
Blendable	0.182	0.110	0.135	0.130	0.135
SI	0.155	0.023	0.036	0.050	0.061
SII	0.051	1.004	1.051	0.456	0.604
W-I	0.176	0.314	0.415	0.115	0.144
W-II	4.357	3.306	2.360	1.986	1.492
W-III	3.503	9.666	11.843	11.169	11.771
W-IV	24.854	40.232	37.987	36.658	34.456
SLV					0.253
TOTAL COKING	33.276#	54.653	53.828	50.566	48.916

Low production of coking coal in 2017-18 (in comparison to 2016-17) was mainly due to exhaustion of reserves (W-III/W-IV coal) in easier mineable patches at lower depth and blocking of reserves in areas with mining constraints (like surface inhabitation, fire etc.).

CIL:				(in Millio	n Tonnes)
GRADES	2017-18	2016-17	2015-16	2014-15	2013-14
G1	0.182	0.110	0.118	0.216	0.330
G2	0.264	0.309	0.342	0.565	0.419
G3	3.513	5.279	5.188	5.468	5.373
G4	13.676	17.215	17.636	18.092	18.592
G5	13.853	12.200	15.516	13.650	12.291
G6	10.660	14.045	12.987	14.187	14.076
G7	32.653	29.866	29.525	28.360	28.334
G8	35.493	24.798	26.499	24.948	20.992
G9	16.653	30.860	40.325	41.261	45.731
G10	73.396	80.433	67.475	54.399	51.747
G11	142.028	108.378	112.497	104.810	107.686
G12	51.977	89.231	89.362	73.008	46.886
G13	89.787	78.989	65.176	63.947	60.378
G14	41.524	3.708	1.049	0.761	0.662
G15	4.596	0.326			
G16	2.652	3.658	1.229		
G17	1.184	0.083			
Total Non-Coking	534.089	499.487	484.926	443.672	413.506
G.TOTAL	567.365	554.140	538.754	494.238	462.422

SCCL:	SCCL: (in Lac Tonnes)									
Grade	2013-14	2014-15	2015-16	2016-17	2017-18					
G5	7.31	7.40	7.86	9.12	10.94					
G6	0.17									
G7	58.81	70.51	93.86	61.96	32.27					
G8	13.33	14.58	23.84	40.43	52.27					
G9	90.68	102.29	82.35	76.57	82.15					
G10	19.07	15.43	46.42	107.32	89.88					
G11	156.18	158.75	177.25	114.58	154.81					
G12	0.01	3.47	10.22	18.14	3.87					
G13	117.97	121.36	122.72	114.60	119.53					
G14	2.36	0.90	-	26.48	28.48					
G15	24.42	17.84	28.44	29.37	32.98					
G16	6.13	8.13	4.18	8.47	8.92					
G17	3.31	3.65	6.53	3.66	2.70					
LOGRD	4.93	1.06	0.13	2.67	1.32					
Total	504.69	525.36	603.80	613.36	620.10					

The year-wise grade and quantum of coal production from various other active coal mines in the country during the last five years is attached at Annexure A.

Cost of coal production in OC and UG mines of CIL are given below:

(Rs. per tonne)

			(Las. per comme)
Financial Year	OC	UG	Overall
2017-18*	883.78	7922.34	1255.66
2016-17	802.21	6656.23	1130.79
2015-16	760.39	5720.08	1068.93
2014-15	767.23	5611.13	1107.78
2013-14	752.56	5093.73	1088.52

* Note: Increase in overall cost of coal production in FY 2017-18 was due to (a) wage settlement as per National Coal Wage agreement-X and (b) upward revision in ceiling of gratuity from Rs. 10 Lac to Rs. 20 Lac per employee.

Prices of Non-coking coal from Indonesia have been taken as the benchmark for considering international prices of coal as maximum imports in Indian market are being done from Indonesia.

Indonesian Coal Prices (FoB):

(In USD per tonne)

Year	GCV=6500 Kcal, ICI 1	GCV=5800 Kcal, ICI 2	GCV=5000 Kcal, ICI 3	GCV=4200 Kcal, ICI 4	GCV=3400 Kcal, ICI 5
2014	74.69	65.23	53.24	37.28	24.42
2015	62.63	54.46	43.39	30.56	20.99
2016	66.91	56.22	46.51	32.09	22.18
2017	89.94	74.79	61.52	42.77	28.61
2018	99.10	77.94	63.53	44.37	27.20

Source: Indonesian Coal indices assessed by Argus and PT Coalindo (FOB Kalimantan)

(b): After complete decontrol of coal prices w.e.f. 01.01.2000, Coal India Limited (CIL) fixes the prices of coal produced by CIL and its subsidiary companies based on input cost, inflation index, market trend etc. As such Government has no role in fixing the price of coal.

Last two price rationalization exercises of non-coking coal by CIL were carried out in the year 2016 and 2018 is attached as **Annexure B.**

(c): The total earning of CIL and its subsidiary for the last five years is summarized as follows:

(In Rs. Crore)

	Quantity and the same of the s		(III 163. Clote)					
Particulars	2017-18	2016-17	2015-16	2014-15	2013-14			
ECL	11321.52	10,302.25	10426.04	10,912.79	9,600.70			
BCCL	8,191.12	8,589.55	8972.81	8,608.84	9,294.80			
CCL	12,097.11	11,336.74	11297.61	10,072.53	9,183.52			
NCL	13,161.96	11,171.97	10950.01	10,780.85	10,532.00			
WCL	8,780.77	7,263.48	8141.74	7,982.71	7,263.05			
SECL	20,556.20	18,847.29	18220.65	18,079.15	18,594.25			
MCL	15,663.59	15,460.94	14805.21	13,052.73	12,048.36			
CMPDI	1,169.84	945.99	764.35	732.20	652.44			
CIL Standalone	9,935.53	15,294.63	17292.63	14,530.52	16,404.10			
Adjustment*	(10,356.88)	(15,476.63)	(17,132.48)	(14,061.61)	(15,793.82)			
Total	90,520.76	83,736.21	83,738.57	80,690.71	77,779.40			

^{*}Adjustment mainly includes income in the form of dividend and apex charges received from subsidiaries of CIL

(d): High quality coal is an input for specific sectors i.e. non-power sectors which include mainly steel, cement etc. However, the requirement in these sectors is limited.

Moreover, Indian coal, by nature, has high inherent ash & moisture content and is having very poor caking properties. It is usable only when blended with high quality coal of low ash content. Also, availability of high quality coal is limited in the country.

The major chunk of coal production is thermal coal suitable for power generation only. In this regard, the following steps are being taken to ensure quality:

- Emphasis is given in planning stage itself for introducing selective mining especially in opencast mines with a view to improve quality of coal produced. Coal companies have consistently enhanced its production by deploying surface miners in various open cast mines for selective mining, wherever geological conditions permit.
- > Coal companies are insisting on improved blasting technique through selective blasting in opencast mines for improving quality of coal produced.
- ➤ Coal companies are emphasizing on development of more and more underground mines with mass production technologies by introducing Continuous Miner and Longwall technology with a view to produce good quality coal.
- In order to ensure quality of dispatched coal, system of independent third party sampling for power sector has been adopted and regrading of coal mines has also been taken up. The improved coal supply to power plants has resulted in reduction in specific coal consumption from 0.714 kg/Kwh in 2010-11 to 0.642 kg/Kwh in 2017-18.
- ➤ Coal companies have also ensured to supply 100 % crushed & sized coal to its power consumers in order to maintain the quality of coal.
- > To supply high quality of coal to wide spectrum of consumers, Coal companies are insisting on enhancing washed thermal coal to meet the MOEF&CC requirement.

Coal companies have taken the following steps to produce higher quantum of coal:

- Action is being taken to implement on-going project in time bound manner to achieve targeted production as per schedule. Further the implementation of ongoing project is also expedited through regular meeting at highest levels of MoEF&CC, MoRly., State Government and other regulatory bodies.
- High capacity mines are being planned with deployment of high capacity/ high productivity equipment in OC & UG mines. Several high capacity mines have been planned such as Gevra (70 Mty), Magadh (51 Mty), Siarmal (40 Mty), Kusmunda (50 Mty) etc. Coal Companies have also introduced state of the art technology to improve its work efficiency.
- Increase in the production from existing mines is being achieved through capacity expansion and modernization wherever feasible.
- In order to maintain the planned growth in production and evacuation, Coal Companies have undertaken investment in Railway & road infrastructure projects in growing coalfields of the country and for its associated loading and transportation activities.
- Exploration capacity is being increased through induction of modern non-invasive methods and outsourcing.
- Efforts are being made by all coal companies for obtaining EC (Environment Clearance) & FC (Forest Clearance) and possessing required non-forest land within the scheduled time frame so that project may start production as per schedule.
- To increase productivity of mines, mass production technology is being used. New mines are also planned on mass production technology where ever feasible. Such methods include mining with Continuous Miners and Powered Support Long wall (PSLW) in UG mining. For OC mines, State-of-the-Art HEMMs like 42 cum shovel with 240 T Rear Dumper, Surface miners, draglines, Operator Independent Truck Dispatch System (OITDS), In-pit crushing & conveying are being introduced to improve its coal production and operational efficiency.

- Other environmentally friendly coal transport technologies like Rapid loading systems (RLS)/ Silos, high angel Conveyor and Pipe conveyor are proposed for coal transportation which will reduce the operational cost of the mines.
- Coal Companies are also introducing Enterprise Resource Planning (ERP) and other IT-enabled applications to manage, monitor and optimize its human, physical and financial resources which in turn shall boost the operating efficiency of coal mines.
- Due to the above mentioned concerted efforts, CIL's coal production has increased from 462.41 MT in 2013-14 to 567.36 MT in 2017 18 (four years), an absolute increase of 105 MT as compared to increase of coal production of 31.15 MT between 2009 10 and 2013 14 (four years).

(e): The total coal supplied to National Thermal Power Corporation (NTPC) Limited and its joint ventures for the last 5 years and current year (till Nov.'18) from CIL sources against Contracted Quantity is as under:

Year	Annual Contracted Quantity (in Million tonnes)	Total Dispatch (in Million tonnes)	Mat%	
2013-14	147.36	141.99	96%	
2014-15	161.58	144.52	89%	
2015-16	163.31	147.54	90%	
2016-17	163.19	155.22	95%	
2017-18	175.34	162.46	93%	
2018-19 (till Nov.) (prov.)	115.85	107.66	93%	

Coal India Limited has no Fuel Supply Agreement with any of the private Thermal Power Plants situated in state of Karnataka.

Mostly Non-Coking Coal/ thermal grade of coal is supplied to National Thermal Power Corporation, as per FSA.

Further, the annual grades of mines/seams/sidings are finalized by CCO (Coal Controller's Organisation) based on analysis report from academic institutions and assessment of grades of coal supplied to NTPC is done by CSIR-CIMFR, third party agency engaged for collection, preparation and analysis of coal supply to power utilities under FSA.

(f): The steps taken by the Government to supply adequate quantity of good quality coal to the said plants in compliance with the Fuel Supply Agreement have been stated earlier at Para-(d) of the reply.

(Million Tonnes)

Name of the	Grade-wise Production of coal (Financial Years)										
Company	Grade	2013-14	2013-14 2014-15		2016-17	2017-18					
JKML	G-17	0.019	0.013	0.013	0.01	0.014					
	G-4	0.054	0.066								
DVC	G-12	0.042									
	WASH-IV			0.403	0.152	0.047					
	WASH-III	0.056	0.092	0.075	0.085	0.093					
	WASH-IV	0.4858	0.328	0.483	0.456	0.322					
	G-4	0.015		0.029	0.104	0.195					
IISCO	G-5	0.024	0.015								
	G-6		0.191	0.126	0.096	0.183					
	G-12	0.042									
	UNG			0.014	0.026						
JSMDCL	G-12		0.415	0.190	0.297	0.351					
	WASH-II	0.300	0.241	0.134	0.115	0.270					
	WASH-III	0.910	0.909	1.049	1.046	0.396					
	WASH-IV	5.695	4.877	5.042	5.155	5.558					
	SLV			0.000	3.133	3,330					
TISEO	G-1	0.067									
TISED	G-6		0.002								
1	G-8		0.007								
	G-12	90.80	0.007	0.003							
NTPC	G-9	The state of the s			0.228	2.679					
ICML/CESC	G-11	2.708	3.449	1.877	1.742	1.878					
	G-13			0.170	0.088	0.003					
GMR	G-14			0.390	0.063	0.267					
	G-6					0.8					
	G-7					0.537					
	G-8				0.556						
	G-9					0					
HIL	G-10			0.045	0.135	0.018					
	G-11			0.023	0.465	0.532					
	G-12		1.506		0.444	0.527					
	G-13	1.827		0.001	0,400						
	G-14	0.651	0.742								
BALCO	G-9			0.120	0.180						
SIL	G-8	0.148	0.196	0.165	0.153	0.270					
	WASH-IV	0.044	0.024			0.184					
SAIL	G-12	0.025	0.001								
	UNG					0.001					
SPL	G-10	1.695	7.987	10.693	6.891	9.077					
31. E	G-11		1.428	6.329	10.106	8.926					
RRVUNL	G-11		3.443	6.21	8.267	8.329					
MINVOIVE	G-12	1.197									
	G-11			2.800	2.800	2.800					
JPVL	G-7					0.063					
RCCPL	G-8	THE REPORT OF THE RESIDENCE OF THE RESID			0.025						

(Million Tonnes)

Name of the	Grade-wise Production of coal (Financial Years)										
Company	Grade	2013-14	2014-15	2015-16	2016-17	2017-18					
TUSAL	G-11	0.317	0.198								
TUML	G-12					0.175					
	G-4	2.330	0.21		NON-PRODUCIN	IG.					
WBPDCL	G-6	0.276	6.011	1	VOIV NOBOCII						
5.10 F. 17.1	G-6	0.456	0.3	NON-PRODUCING							
DVC EMTA	G-7	1.063	0.701		VOIV-I NOBOCII						
APMDTCL			NON-PI	RODUCING							
	G-4	0.537	0.657		NON-PRODUCIN	VG					
WBMDTCL .	G-5	0.189	0.384	NONTRODUCING							
	G-6	2.058	1.202								
SCCO DANIENA	G-7		1.716	NON-PRODUCING							
PSEB-PANEM	G-8	2.94	0.515								
	G-9	0.881									
KECML	G-8	2.502	2.478		NON-PRODUCI	VG					
	G-11		1.500	NON-PRODUCING							
MPSMCL	UNG	0.005		THOM-PROBLEMS							
	G-12	0.861	1.374								
JSPL	G-15	1.416	2.022		NON-PRODUCI	NG					
	G-17	3.722	2.593								
MIEL	G-7	0.497									
	G-8		0.500	NON-PRODUCING NON-PRODUCING							
	G-12	0.422	0.500								
	G-6	0.068									
DIA	G-7	0.062	0.012								
BLA	G-8	0.082	0.158								
	G-10	0.088	0.13								
PIL	G-9	1.000	1.000		NON-PRODUCI	NG					
	G-9	0.323	0.075								
JNL	G-10		0.361		NON-PRODUCE	NG					
3140	G-11	0.123									
	G-14		0.267								
	G-12	1.523	1.331								
JPL	G-14	2.223	3.103		NON-PRODUC	ING					
	G-16	2.480	1.814		NON PROPILE	INIC					
UML	G-6	0.762	0.79		NON-PRODUC	ING					
	WASH-III	0.127	0.164		NON BRODUE	INIC					
ESCL	WASH-IV	0.283	0.245		NON-PRODUC	ING					
	UNG	0.051	0.024								
	G-12	0.162	0.649		NON DOOD IO	INIC					
SEML	G-14	0.784	0.358		NON-PRODUC	IIVG					
	G-17	0.219	0.182		NON BROOKS	INC					
BSIL	G-13	0.317	0.031		NON-PRODUC	IING					
SOVA	G-8	0.276	0.261		NON-PRODUC	ING					
	G-9 G-1	0.139 5.732	2.524	3.712	2.308	1.529					

Table I below gives the grade wise % increase/ decrease in Non-coking coal prices applicable w.e.f. 09.01.2018 vis-à-vis prices in previous price rationalization.

PITHEAD RUN OF MINE NOTIFIED PRICE (Table I)

		1		-	(1001									
		F	or ECL,SE	CL,CCL,B	CCL,NCL,I	VICL & NE	С	For WCL						
		(inc	Power Utilities (including IPPs), Fertilizer & Defence sector			Sectors other than Power Utilities (including IPPs), Fertilizer & Defence		Power Utilities (including IPPs), Fertilizer & Defence sector			Sectors other than Power Utilities (including IPPs), Fertilizer & Defence			
		W.e.f 09.01	W.e.f 30.05	% Incre ase /Decr ease	W.e.f 09.01 .18	W.e.f 30.05	% Incre ase /Decr ease	W.e.f 09.01 .18	W.e.f .30.0 5.16	% Incre ase /Decr ease	W.e.f 09.01 .18	W.e.f 30.05	% Increa se /Decre ase	
	(Kcal/Kg)	(Rs./ Te)	(Rs./ Te)		(Rs. /Te)	(Rs./ Te)		(Rs./ Te)	(Rs./ Te)		(Rs./T e)	(Rs./T e)		
G1	Exceeding 7000	**	*		**	*		**	*	The line	**	*		
G2	Exceeding 6700 and not exceeding 7000	3288	3450	-5%	3288	3450	-5%	3288	3450	-5%	3288	3450	-5%	
G3	Exceeding 6400 and not exceeding 6700	3144	3210	-2%	3144	3210	-2%	3144	3210	-2%	3144	3210	-2%	
G4	Exceeding 6100 and not exceeding 6400	3000	3000	0%	3000	3000	0%	3000	3000	0%	3000	3000	0%	
G5	Exceeding 5800 and not exceeding 6100	2737	2750	-0.5%	2737	2750	-0.5%	2737	2750	-0.5%	2737	2750	-0.5%	
G6	Exceeding 5500 and not exceeding 5800	2317	1900	22%	2524	2280	11%	2524	2280	11%	2580	2740	-6%	
G7	Exceeding 5200 and not exceeding 5500	1926	1600	20%	2311	1920	20%	2311	1920	20%	2423	2300	5%	
G8	Exceeding 4900 and not exceeding 5200	1465	1420	3%	1757	1700	3%	1757	1700	3%	2109	2040	3%	
G9	Exceeding 4600 and not exceeding 4900	1140	1100	4%	1368	1320	4%	1368	1320	4%	1642	1580	4%	
G10	Exceeding 4300 and not exceeding 4600	1024	980	4%	1228	1180	4%	1228	1180	4%	1474	1420	4%	
G11	Exceeding 4000 and not exceeding 4300	955	810	18%	1145	970	18%	1145	970	18%	1374	1160	18%	
G12	Exceeding 3700 and not exceeding 4000	886	760	17%	1063	910	17%	1063	910	17%	1275	1090	17%	
G13	Exceeding 3400 and not exceeding 3700	817	720	13%	980	860	14%	980	860	14%	1176	1030	14%	
G14	Exceeding 3100 and not exceeding 3400	748	650	15%	897	780	15%	897	780	15%	1076	940	14%	
G15	Exceeding 2800 and not exceeding 3100	590	600	-2%	708	720	-2%	708	720	-2%	850	870	-2%	
G16	Exceeding 2500 and not exceeding 2800	504	530	-5%	604	640	-6%	604	640	-6%	725	770	-6%	
G17	Exceeding 2200 and not exceeding 2500	447	470	-5%	536	570	-6%	536	560	-4%	643	680	-5%	

^{**} For GCV exceeding 7000 Kcal/Kg, the price shall be increased by Rs. 100/- per tonne over and above the price applicable for GCV band exceeding 6700 but not exceeding 7000 Kcal/Kg, for increase in GCV by every 100 Kcal/Kg or part thereof (G2).

^{*} For GCV exceeding 7000 Kcal/Kg, the price shall be increased by Rs. 150/- per tonne over and above the price applicable for GCV band exceeding 6700 but not exceeding 7000 Kcal/Kg, for increase in GCV by every 100 Kcal/Kg or part thereof (G2).

An additional amount of Rs. 390.00 per tonne to be charged over and above the notified price in respect of the coal produced from Rajmahal mine of Eastern coalfields Limited (vide notification dated 31st March 2014)

Table II below gives the grade wise % increase/ decrease in Non-coking coal prices applicable w.e.f. 30.05.2016 vis-à-vis prices in previous price rationalization.

PITHEAD RUN OF MINE NOTIFIED PRICE (Table II)

For ECL, SECL, CCL, BCCL, NCL, MCL & NEC For WCL **Power Utilities Power Utilities** Sectors other than (including IPPs), **Power Utilities** (including IPPs), Sectors other than Power Fertilizer & Defence Utilities (including IPPs), Fertilizer & Defence (including IPPs), Fertilizer & Defence sector Fertilizer & Defence sector W.e.f W.e.f W.e.f W.e.f W.e.f %Inc. W.e.f W.e.f W.e.f % % 30.05 27.05 Inc. / 30.05. 27.05. Inc./ 30.05 27.05 1 30.05 27.05 %Inc./ Dec. .16 .13 .16 .13 Dec. 16 13 Dec. .16 .13 Dec. (Rs./ (Rs./ (Rs./ (Rs./ (Rs./ (Rs./ (Rs./ (Rs./ (Kcal/Kg) Te) Te) Te) Te) Te) Te) Te) Te) * * * G1 Exceeding 7000 3450 4870 -29% 3450 4870 -29% 3450 4870 -29% G2 Exceeding 6700 and not exceeding 7000 3450 4870 -29% G3 Exceeding 6400 and not exceeding 6700 3210 3890 -17% 3210 3890 -17% 3210 3890 -17% 3210 3890 -17% G4 Exceeding 6100 and not exceeding 6400 3000 3490 -14% 3000 3490 -14% 3000 3490 -14% 3000 3490 -14% G5 Exceeding 5800 and not exceeding 6100 2750 2800 -2% 2750 2800 -2% 2750 2800 -2% 2750 2800 -2% 2280 2280 1920 19% 2740 2590 G6 Exceeding 5500 and not exceeding 5800 1900 1600 19% 2150 6% 6% Exceeding 5200 and not exceeding 5500 1600 1400 14% 1920 1860 3% 1920 1680 14% 2300 2270 1% G7 G8 Exceeding 4900 and not exceeding 5200 1420 1250 14% 1700 1690 1% 1700 1510 13% 2040 2030 0% G9 Exceeding 4600 and not exceeding 4900 1100 970 13% 1320 1310 1% 1320 1170 13% 1580 1570 1% G10 Exceeding 4300 and not exceeding 4600 980 860 14% 1180 1160 2% 1180 1030 15% 1420 1390 2% G11 Exceeding 4000 and not exceeding 4300 810 700 16% 970 950 2% 970 840 15% 1160 1150 1% G12 Exceeding 3700 and not exceeding 4000 760 660 15% 910 890 2% 910 800 14% 1090 1070 2% G13 Exceeding 3400 and not exceeding 3700 720 610 18% 860 820 5% 860 730 18% 1030 980 5% G14 Exceeding 3100 and not exceeding 3400 650 550 18% 780 740 5% 780 670 16% 940 890 6% G15 Exceeding 2800 and not exceeding 3100 600 510 18% 720 680 6% 720 610 18% 870 820 6% G16 Exceeding 2500 and not exceeding 2800 530 450 18% 640 610 5% 640 550 16% 770 730 5% G17 Exceeding 2200 and not exceeding 2500 470 400 18% 570 6% 480 17% 680 540 560 640 6%

An additional amount of Rs. 450.00 per tonne (in place of Rs. 390.00 per tonne) to be charged over and above the notified price in respect of the coal produced from Rajmahal mine of Eastern coalfields Limited.

^{*} For GCV exceeding 7000 Kcal/Kg, the price shall be increased by Rs. 150/- per tonne over and above the price applicable for GCV band exceeding 6700 but not exceeding 7000 Kcal/Kg, for increase in GCV by every 100 Kcal/Kg or part thereof.