

**GOVERNMENT OF INDIA
MINISTRY OF COAL
RAJYA SABHA
UNSTARRED QUESTION NO. 682
TO BE ANSWERED ON 29.07.2024**

Maintenance of database for monitoring quality of coal

682 # Shri Tejveer Singh:

Will the Minister of Coal be pleased to state:

- (a) whether Government maintains a centralized database for monitoring quality of coal distributed to the States;
- (b) if so, whether the parameters of coal quality such as calorific value, ash content, or sulphur content are monitored in this database; and
- (c) the measures adopted by Government to ensure accuracy and reliability of the data recorded in this database?

**ANSWER
MINISTER OF COAL AND MINES
(SHRI G. KISHAN REDDY)**

(a) & (b): The quality-wise and quantity-wise coal despatched to the coal consumers by Coal India Limited (CIL) and Singareni Collieries Company Limited (SCCL) is at Annexure-A & Annexure-B respectively. The parameters of coal quality such total moisture (in %), moisture (in %), ash content (in %), Gross Calorific Value, Grade / Size are maintained by CIL and SCCL.

(c): The following measures are taken with respect to quality:

- i. The Independent Third Party Sampling Agencies (TPSAs) have been empaneled by Power Finance Corporation Ltd and CIL for the coal consumers.
- ii. The coal consumers have the option to choose the TPSAs from the empaneled list, which are conducting Third Party Sampling Activities at the loading end.
- iii. The final results are accepted based on the results submitted by TPSAs after analysis of coal. Accordingly, the data is being maintained in centralized database, which are also reconciled by the end use consumers for final settlement.
- iv. In cases where the consumers do not opt for independent Third Party Sampling, the declared grade of coal from the despatch point is taken. The grade declaration is done by Coal Controller Organization (CCO).

State-wise Grade wise Despatch of CIL

Annexure A

		Figures in MT
State	GRADE	2023-24
ANDHRA PRADESH	G03	0.05
	G04	0.39
	G05	0.29
	G06	0.05
	G07	0.09
	G08	0.05
	G09	0.00
	G10	0.77
	G11	1.02
	G12	19.77
	G13	6.87
	G14	7.85
	G15	0.99
	SC2	0.00
	WC1	0.06
	WCC	0.19
	WCP	0.00
ANDHRA PRADESH Total		38.43
ASSAM	G01	0.02
	G02	0.00
	G03	0.07
	G04	0.47
	G05	0.38
	G06	0.04
	G07	0.00
	G08	0.01
	G09	0.02
	G10	0.00
	G11	0.04
	G12	0.06
	G13	0.01
	G16	0.00
	W04	0.07
	W05	0.08
ASSAM Total		1.28
BIHAR	DSP	0.02
	G01	0.00
	G02	0.03
	G03	0.10
	G04	1.57
	G05	0.99
	G06	0.49
	G07	1.01
	G08	1.50

	G09	0.90
	G10	1.89
	G11	5.00
	G12	1.22
	G13	8.71
	G14	1.37
	G15	0.19
	REJ	0.00
	SLY	0.00
	ST2	0.00
	W02	0.00
	W03	0.20
	W04	1.87
	W05	1.11
	W06	0.02
	WCC	2.94
	WCP	0.31
BIHAR Total		31.43
CHHATTISGARH	BP6	0.03
	BPR	0.01
	G03	0.07
	G04	0.04
	G05	0.56
	G06	1.49
	G07	1.19
	G08	1.66
	G09	0.90
	G10	3.16
	G11	71.04
	G12	5.55
	G13	13.15
	G14	12.44
	G15	7.29
	SC2	0.04
	W02	0.00
	W03	0.00
	W04	0.02
	W05	0.03
	WCC	0.36
	WCP	0.02
CHHATTISGARH Total		119.05
GUJARAT	DSP	0.17
	G03	0.78
	G04	0.07
	G05	0.00
	G06	0.57
	G07	0.29
	G08	0.63

	G09	0.70
	G10	1.92
	G11	12.65
	G12	0.06
	G13	0.31
	G14	0.01
	SC2	0.00
GUJARAT Total		18.15
HARYANA	DSP	0.02
	G03	0.07
	G04	0.53
	G05	0.59
	G06	0.15
	G07	0.59
	G08	1.16
	G09	1.50
	G10	2.46
	G11	3.52
	G12	2.27
	G13	0.89
	G14	0.09
	SLY	0.00
	W03	0.20
	W04	3.24
	W05	2.70
	W06	0.00
	WCP	0.00
HARYANA Total		19.97
JHARKHAND	BP6	0.00
	G01	0.00
	G03	0.25
	G04	0.86
	G05	0.58
	G06	0.34
	G07	0.75
	G08	1.68
	G09	1.26
	G10	0.76
	G11	6.62
	G12	1.99
	G13	0.30
	G14	0.19
	G15	0.07
	G16	0.23
	G17	0.00
	OTH	0.00
	REJ	0.75
	SLY	0.21

	ST2	0.03
	W01	0.03
	W02	0.60
	W03	1.47
	W04	8.75
	W05	5.58
	W06	0.19
	WCC	0.94
	WCP	1.16
	JHARKHAND Total	35.58
KARNATAKA	G06	0.00
	G07	0.00
	G08	0.00
	G09	0.05
	G10	2.19
	G11	1.38
	G12	3.22
	G13	2.18
	G14	0.29
	REJ	0.00
	ST2	0.00
	W03	0.00
	W04	0.00
	WCC	0.04
	KARNATAKA Total	9.36
MADHYA PRADESH	BP6	0.00
	DSP	0.60
	G03	0.02
	G04	0.10
	G05	0.42
	G06	1.00
	G07	2.52
	G08	7.38
	G09	5.54
	G10	28.27
	G11	19.49
	G12	1.66
	G13	1.60
	G14	0.58
	G15	0.26
	G16	0.00
	OTH	0.01
	REJ	0.00
	SC2	0.14
	W02	0.00
	W03	0.00
	W04	0.16

	W05	0.18
	WCC	0.00
MADHYA PRADESH Total		69.93
MAHARASHTRA	BP6	0.06
	BPR	0.00
	G03	0.00
	G04	0.00
	G05	0.01
	G06	0.40
	G07	0.15
	G08	0.40
	G09	2.54
	G10	15.92
	G11	55.86
	G12	6.32
	G13	8.88
	G14	2.73
	G15	0.48
	G16	0.00
	REJ	0.01
	SLY	0.00
	W02	0.00
	W03	0.00
	W04	0.00
	WC1	0.03
	WCC	0.00
MAHARASHTRA Total		93.79
ODISHA	G01	0.00
	G02	0.00
	G03	0.01
	G04	0.13
	G05	0.26
	G06	0.24
	G07	0.36
	G08	0.37
	G09	0.57
	G10	1.10
	G11	3.20
	G12	29.79
	G13	25.48
	G14	19.60
	G15	0.77
	G16	0.00
	OTH	0.00
	REJ	0.02
	SC2	0.01

	ST2	0.00
	W01	0.00
	W02	0.04
	W03	0.01
	W04	0.01
	W05	0.02
	WC1	0.00
	WCC	0.27
	WCP	0.65
	ODISHA Total	82.93
PUNJAB	DSP	0.00
	G01	0.01
	G02	0.00
	G03	0.06
	G04	0.03
	G05	0.02
	G06	0.00
	G07	1.02
	G08	0.98
	G09	0.62
	G10	1.63
	G11	6.98
	G12	2.09
	G13	2.04
	G14	1.87
	W03	0.02
	W04	0.75
	W05	0.48
	W06	0.00
	WCP	0.00
	PUNJAB Total	18.60
RAJASTHAN	DSP	0.67
	G03	0.37
	G04	0.09
	G05	0.04
	G06	0.47
	G07	1.14
	G08	2.99
	G09	2.26
	G10	7.52
	G11	11.71
	G12	0.08
	G13	1.72
	G14	0.11
	G15	0.17
	SC2	0.03
	W04	0.17
	W05	0.85

	WCP	0.00
RAJASTHAN Total		30.42
TAMIL NADU	G03	0.00
	G04	0.00
	G05	0.00
	G06	0.00
	G09	0.06
	G10	0.25
	G11	1.98
	G12	8.99
	G13	8.40
	G14	5.15
	G15	0.46
	W04	0.04
	W05	0.02
	W06	0.01
TAMIL NADU Total		25.36
TELANGANA	G05	0.00
	G07	0.00
	G08	0.00
	G09	0.00
	G10	0.11
	G11	0.05
	G12	0.25
	G13	0.13
	G14	0.14
TELANGANA Total		0.68
UTTAR PRADESH	BP6	0.04
	DSP	0.25
	G01	0.00
	G02	0.03
	G03	0.23
	G04	1.85
	G05	1.32
	G06	0.90
	G07	4.54
	G08	19.85
	G09	8.89
	G10	37.21
	G11	14.36
	G12	7.37
	G13	2.37
	G14	0.48
	G15	0.07
	G16	0.02
	REJ	0.04
	SC2	0.00

	SLY	0.01
	ST2	0.00
	W01	0.00
	W02	0.01
	W03	0.32
	W04	4.48
	W05	2.82
	W06	0.05
	WCC	0.67
	WCP	0.60
UTTAR PRADESH Total		108.79
WEST BENGAL	G01	0.00
	G02	0.00
	G03	0.65
	G04	11.52
	G05	2.04
	G06	1.03
	G07	2.21
	G08	2.07
	G09	0.19
	G10	0.83
	G11	3.41
	G12	3.19
	G13	4.73
	G14	1.65
	G15	0.22
	G16	0.01
	OTH	0.01
	REJ	0.12
	SLY	0.03
	ST2	0.00
	W01	0.01
	W02	0.03
	W03	0.02
	W04	8.13
	W05	5.87
	W06	0.02
	WCC	0.57
	WCP	1.20
WEST BENGAL Total		49.75

State-wise Grade wise Despatch of SCCL

Annexure- B
Figure in Lakh Tonnes

State	Grade of Coal	2023-24
Andhra Pradesh	G10	2.06
	G11	9.09
	G12	1.49
	G13	15.64
	G14	0.40
	G15	35.48
	G16	
	G17	
	G5	1.85
	G6	1.47
	G7	4.65
	G8	8.14
	G9	1.71
	LOGRD	0.48
	WG-FIN	
	WG-G9	
	WG-R	
	WG-SL	
	Total	82.46
Chattisgarh	G10	0.20
	G11	0.45
	G12	
	G13	0.04
	G15	
	G17	
	G7	
	G8	0.12
	G9	
	WG-G9	
	WG-R	
	Total	0.81
Haryana	G10	
	G11	0.04
	G13	
	G8	
	G9	
	Total	0.04
Jharkhand	G10	0.04
	G11	0.08
	G13	
	Total	0.12
Karnataka	G10	12.32

	G11	45.66
	G12	0.28
	G13	31.04
	G14	0.40
	G15	22.25
	G17	
	G5	0.03
	G6	0.43
	G7	3.87
	G8	18.17
	G9	2.10
	LOGRD	
	WG-G9	
	WG-R	
	Total	136.56
Kerala	G11	0.08
	G5	
	G8	0.32
	Total	0.41
Madhya Pradesh	G10	0.40
	G11	0.61
	G13	0.49
	G15	0.08
	G7	
	G8	0.04
	G9	
	Total	1.63
Maharashtra	G10	9.89
	G11	20.80
	G12	0.53
	G13	8.16
	G14	0.16
	G15	6.11
	G16	
	G17	
	G5	0.11
	G6	0.04
	G7	1.42
	G8	2.10
	G9	0.25
	LOGRD	0.36
	WG-FIN	
	WG-G9	
	WG-R	
	WG-SL	
	Total	49.93

Odisha	G10	
	G11	0.20
	G13	
	G15	
	G7	
	G8	0.20
	G9	
	WG-G9	
	Total	0.40
Tamil Nadu	G10	0.12
	G11	2.65
	G12	1.67
	G13	10.49
	G14	
	G15	5.98
	G16	
	G17	
	G5	
	G6	0.40
	G7	1.63
	G8	4.50
	G9	0.57
	WG-G9	
	WG-R	
	Total	28.02
Telangana	G10	122.89
	G11	70.44
	G12	2.69
	G13	82.77
	G14	2.84
	G15	14.64
	G16	
	G17	
	G5	6.08
	G6	5.53
	G7	25.19
	G8	37.74
	G9	26.27
	LOGRD	0.51
	WG-FIN	
	WG-G9	
	WG-R	
	WG-SL	
	Total	397.59
West Bengal	G10	
	G11	0.41

	G7	0.04
	G8	0.16
	Total	0.61

Note:

LOGRD: Low Grade coal

WG-FIN: Washery Fines

WG-G9: Washery coal Grade-9

WG-R: Washery Rejects

WG-SL: Washery Slurry