



DB Power Limited

CIN: U40109MP2006PLC019008

Business Office : Village – Badadarha, Post – Kanwali, Dist – Sakti, Chhattisgarh, PIN – 495695
Tel. :- 07762-252569

No. DBPL/ENV/284

Date: 06.10.2025

To,

The Regional Officer
Chhattisgarh Environment Conservation Board
VyaparVihar, Near Pt. Dindayal Upadhyay Garden
Dist: Bilaspur (C.G.)

Sub: Monthly Environment Monitoring – September 2025

Dear Sir,

Please find enclosed herewith the Environment Monitoring Report for Treated Effluent, Stack performance and Ambient Air Quality as required vide Consent To Operate Letter No. 10290 /TS/CECB/2025 Dated 06/02/2025. Details are as below –

S. No.	Monitoring Report	Annexure
1	Stack Emission Monitoring Report	I
2	Ambient Air Quality Monitoring Report	II
3	Ambient Noise Level Monitoring Report	III
4	Work zone Noise Level Monitoring Report	IV
5	Treated Waste Water Analysis Report at STP	V

This is for your information and record please.

Thanking you

Sincerely Yours,

For M/s. DB Power Limited

Head-Environment
Encl -As above



CC: The Superintending Engineer,
Chhattisgarh Environment Conservation Board,
ParyavasBhavan, North Block Sector-19,
Atal Nagar, Raipur (C.G.) 492002

Registered Office:

Block 1A, 5TH Floor, Corporate Block, DB City Park, DB City Area Mills, Opposite M. P. Nagar Zone – I, Bhopal – 462016 (M. P.)
Tel. : +91-755-3988884 Fax: +91-755-267 5190

DB Power Limited			
(2X 600 MW Thermal Power Plant)			
Badadarha, CG			
Stack Emission Monitoring Report for the Month of Sept- 2025			
S. No.	Parameters	FGD_Absorber1 _Stack	ESP of Unit # 2
1	Date	09.09.2025	09.09.2025
2	Unit Load (MW)	600	600
3	Flue Gas Temp. 0C	62	127
4	Flue Gas Velocity m/s	20.1	25.01
5	Volumetric Flow Rate Nm3/hr	2629379	2664614
6	SPM Conc. Mg/Nm3	25	43.6

In charge, Environment Laboratory

DB Power Limited

(2X 600 MW Thermal Power Plant)

Ambient Air Quality Monitoring Report

Time Interval : 24 Hours						Unit of Measurement -			µg/m3		Month : August 2025										
Date	Near NDCT – 1 (AAQMS # 1)					Near Ash Pond (AAQMS # 2)					Near Raw Water Pump House (AAQMS # 3)					Near Coal Yard (AAQMS # 4)					
	CO	NOx	PM 2.5	PM 10	SO ₂	CO	NOx	PM 2.5	PM 10	SO ₂	CO	NOx	PM 2.5	PM 10	SO ₂	CO	NOx	PM 2.5	PM 10	SO ₂	
1-Sep-2025	0.30	13.19		35.37	12.54	0.80	3.48	7.38	35.86	9.72	0.63	5.28	25.30	28.83	21.46	0.29	6.89	21.03	45.37	21.53	
2-Sep-2025	0.34	16.14	5.18	39.86	12.51	0.80	3.49	8.54	44.92	10.14	0.61	5.28	30.17	37.49	21.36	0.32	7.28	29.16	63.81	21.43	
3-Sep-2025	0.29	16.22	14.48	23.73	12.53	0.80	3.49	4.09	45.48	10.30	0.59	5.29	19.73	24.84	21.23	0.30	7.23	18.68	42.67	21.54	
4-Sep-2025	0.17	15.32	12.28	20.15	12.57	0.81	3.51	3.24	36.94	9.72	0.58	5.27	10.80	11.16	21.40	0.32	7.09	9.39	38.84	21.41	
5-Sep-2025	0.28	16.17	11.62	19.03	12.63	0.81	3.51	7.40	46.86	9.62	0.63	5.29	13.08	19.66	21.70	0.28	6.60	12.77	43.90	21.51	
6-Sep-2025	0.35	16.19	15.97	26.18	12.73	0.81	3.50	9.26	37.25	9.90	0.64	5.28	22.50	48.79	21.88	0.34	7.28	20.48	41.00	21.18	
7-Sep-2025	0.29	16.22	20.33	33.34	12.86	0.82	3.52	7.53	29.46	9.70	0.59	5.30	24.21	31.19	21.57	0.28	7.88	22.26	79.74	21.52	
8-Sep-2025	0.26	15.36	34.66	56.88	12.87	0.81	3.52	14.02	67.06	9.39	0.59	5.29	53.55	61.93	21.59	0.33	7.27	41.50	77.96	21.21	
9-Sep-2025	0.22	17.05	41.66	68.33	12.86	0.82	3.53	27.52	41.13	9.53	0.63	5.28	61.33	71.38	21.90	0.31	7.13	49.31	96.09	21.58	
10-Sep-2025	0.33	17.13	38.91	63.75	12.70	0.82	3.52	11.67	36.84	10.23	0.61	5.28	64.96	75.48	21.82	0.32	7.34	52.42	87.99	21.14	
11-Sep-2025	0.25	17.56	24.98	40.96	12.33	0.82	3.53	11.54	42.37	9.82	0.62	5.29	42.33	55.54	21.67	0.30	7.71	28.67	55.39	21.47	
12-Sep-2025	0.28	17.18	22.48	36.87	12.38	0.83	3.56	13.49	33.90	10.22	0.62	5.28	33.04	41.03	21.56	0.33	7.25	28.88	56.70	21.20	
13-Sep-2025	0.23	15.92	32.44	53.13	12.33	0.83	3.55	21.96	58.08	10.52	0.59	5.28	39.31	53.93	21.61	0.30	7.31	30.12	83.82	21.59	
14-Sep-2025	0.24	17.25	19.23	31.50	12.61	0.84	3.56	10.32	46.75	10.25	0.61	5.28	29.61	39.11	21.88	0.35	7.18	23.77	76.76	21.08	
15-Sep-2025	0.21	16.12	16.13	26.44	12.80	0.84	3.57	4.64	38.91	10.41	0.60	5.29	13.65	15.94	21.63	0.29	6.54	12.44	37.85	21.81	
16-Sep-2025	0.25	15.63	10.91	17.87	12.78	0.84	3.57	8.71	39.25	10.51	0.59	5.29	11.30	12.69	21.59	0.32	6.45	10.84	41.44	21.17	
17-Sep-2025	0.19	17.93	10.44	17.10	12.84	0.85	3.58	4.91	54.04	9.98	0.60	5.27	11.40	12.07	21.73	0.29	6.42	8.71	34.81	21.71	
18-Sep-2025	0.22	17.32	17.01	27.86	12.69	0.84	3.57	12.86	105.57	9.93	0.59	5.29	24.12	28.65	21.76	0.32	6.40	11.36	55.83	21.15	
19-Sep-2025	0.29	17.54	21.86	35.84	12.58	0.85	3.57	15.77	72.20	9.68	0.60	5.28	32.43	43.07	21.72	0.30	6.52	27.08	66.03	21.77	
20-Sep-2025	0.25	17.61	24.48	40.14	12.54	0.87	3.59	12.38	59.06	9.71	0.62	5.27	40.70	51.19	21.79	0.32	6.56	34.84	94.91	21.03	
21-Sep-2025	0.22	19.00	16.34	26.79	12.46	0.86	3.60	10.32	76.81	9.74	0.61	5.27	26.77	35.86	21.74	0.31	7.57	18.64	74.13	21.59	
22-Sep-2025	0.30	18.58	17.12	28.07	12.59	0.87	3.60	9.26	97.34	9.86	0.59	5.28	26.36	32.19	21.71	0.32	7.07	26.52	88.22	21.22	
23-Sep-2025	0.33	18.09	23.76	38.96	12.84	0.87	3.59	20.62	75.72	10.10	0.60	5.28	43.70	52.32	21.77	0.33	6.80	22.80	95.63	21.41	
24-Sep-2025	0.26	17.34	18.61	30.51	12.69	0.87	3.60	12.49	59.89	10.03	0.61	5.29	25.00	38.88	21.55	0.32	6.87	22.75	116.99	21.18	
25-Sep-2025	0.35	12.97	26.28	43.12	12.91	0.86	3.59	10.71	72.25	10.45	0.59	5.25	31.75	39.89	22.12	0.33	6.86	23.78	75.85	21.43	
26-Sep-2025	0.29	12.06	15.16	24.85	12.54	0.87	3.61	12.35	59.25	10.48	0.68	5.27	29.33	37.87	22.05	0.31	7.17	48.28	80.38	21.00	
27-Sep-2025	0.29	12.93	16.12	26.33	11.92	0.88	3.62	12.82	48.24	9.21	0.62	5.29	18.98	29.93	22.08	0.32	7.36	38.50	61.60	21.20	
28-Sep-2025	0.38	15.32	16.38	26.86	12.05	0.90	3.67	18.81	49.55	8.78	0.66	5.30	30.36	39.80	22.15	0.31	7.77	45.85	71.42	21.04	
29-Sep-2025	0.30	14.91	10.89	17.85	12.13	0.89	3.67	12.92	47.37	9.15	0.65	5.29	28.89	43.44	22.20	0.35	7.77	56.01	91.85	21.07	
30-Sep-2025	0.28	15.02	18.39	30.15	12.34	0.86	3.60	13.48	76.84	9.72	0.67	5.28	42.89	52.26	22.42	0.30	6.60	45.67	74.28	21.08	
Min.	0.17	12.06	5.18	17.10	11.92	0.80	3.48	3.24	29.46	8.78	0.58	5.25	10.80	11.16	21.23	0.28	6.40	8.71	34.81	21.00	
Max.	0.38	19.00	41.66	68.33	12.91	0.90	3.67	27.52	105.57	10.52	0.68	5.30	64.96	75.48	22.42	0.35	7.88	56.01	116.99	21.81	
Average	0.27	16.14	20.03	34.16	12.56	0.84	3.56	11.93	55.32	9.88	0.61	5.28	30.73	39.16	21.76	0.31	7.08	28.35	68.85	21.35	
National Ambient Air Quality Standard :	Parameters			PM 10	PM 2.5	SO ₂	NOx	CO													
	Annual /24 Hours			60/100	40/60	50/80	40/80	4.0													

DB Power Limited
 (2X 600 MW Thermal Power Plant)
 Badadarha, CG

Ambient Noise Level Monitoring Report for The Month of September 2025						
S.No.	Location	Date of Monitoring	Noise Level in dB(Leq)		CECB Norms	Remark
			Day	Night		
1	AAQM Station No.-I	12.09.2025	65.8	61.3	Day/Night 75/70	-
2	Urja AAQMS - II		60.4	55.9		-
3	Raw Water AAQMS-III		65.8	56.2		-
4	Near Coal Yard (AAQMS-IV)		61.8	59.2		-

Incharge, Environment Laboratory

DB Power Limited

(2X 600 MW Thermal Power Plant)

Badadarha, CG

Work Zone Noise Level Monitoring Report for The Month of August 2025

S.No.	Location	Date of Monitoring	Noise Level in dB(Leq)	CECB Norms	Remark
1	TG - I	16.09.2025	84.0	85.0	-
2	TG - II		83.1		-
3	BFP-I		80.2		-
4	BFP – II		81.6		-
5	Compressor House		82.6		-
6	TAC Building		81.7		-
7	DM Plant		72.7		-
8	MUH – CHP		80.0		-
9	Crusher – CHP		82.9		-
10	Near Silo		68.0		-

Incharge, Environment Laboratory

DB Power Limited

(2X 600 MW Thermal Power Plant)								
Badadarha, CG								
Analysis Report of Treated Waste Water from STPs for The Month of September - 2025								
S.No.	Location of STP Module	Status	Parameters					
			pH	Biochemical oxygen Demond (BOD)	Chemical oxygen Demond (COD)	Oil & Grease	Suspended Solids	Fecal Coliform
	Limit		5.5 – 9.0	30	250	10	100	<1000
1	Ash Silo Area	Operation	7.36	22.4	100	N.D.	25.4	<1.8
2	Store Area		7.18	15.4	70	N.D.	2.6	<1.8
3	DM Plant Area		7.56	16.4	80	N.D.	20.6	<1.8
4	CW Chlorination Area		7.22	14.8	70	N.D.	18.6	<1.8
5	Chemical House		7.14	26.6	130	N.D.	28.4	<1.8
6	HGP Area		7.28	19.6	90	N.D.	27.6	<1.8
7	FOPH		7.32	25.6	130	N.D.	25.8	<1.8
8	Service Building		7.22	22.4	120	N.D.	20.4	<1.8
9	Main Control Room		7.46	15.6	80	N.D.	14.4	<1.8
10	Ash Slurry Pump House		7.35	13.8	70	N.D.	25.6	<1.8
11	TAC Building		7.24	20.4	100	N.D.	28.4	<1.8
12	ESP CR# 1 Area		7.36	23.4	110	N.D.	22.4	<1.8
13	ESP CR#2 Area		7.29	17.6	70	N.D.	28.6	<1.8
14	Bunker MCC Area		7.46	19.4	90	N.D.	25.4	<1.8
15	CHP Area		7.31	26.2	120	N.D.	26.4	<1.8
16	Near Adity Canteen		7.18	18.8	80	N.D.	27.6	<1.8
	Incharge, Environment Laboratory							



DB Power Limited

CIN: U40109MP2006PLC019008

Business Office : Village – Badadarha, Post – Kanwali, Dist – Sakti, Chhattisgarh, PIN – 495695
Tel. :- 07762-252569

No. DBPL/ENV/283

Date: 06.10.2025

To,

The Regional Officer
Chhattisgarh Environment Conservation Board
VyaparVihar, Near Pt. Dindayal Upadhyay Garden
Dist: Bilaspur (C.G.)

Sub: Monthly Online Monitoring Report – Sept 2025

Ref : Letter No. 1984/RO/CECB/2017 Dated 01/02/2017

Dear Sir,

Please find enclosed herewith the Online Emission Monitoring Report for Treated Effluent and Stack Performance, as required vide Letter No. 1984/RO/CECB/2017 dated 01/02/2017.

This is for your information and record please.

Thanking you

Sincerely Yours,

For M/s. DB Power Limited

Head-Environment



Encl -As above

CC: The Superintending Engineer,
Chhattisgarh Environment Conservation Board,
ParyavasBhavan, North Block Sector-19,
Atal Nagar, Raipur (C.G.) 492002

Registered Office:

Block 1A, 5TH Floor, Corporate Block, DB City Park, DB City Area Mills, Opposite M. P. Nagar Zone – I, Bhopal – 462016 (M. P.)
Tel. : +91-755-3988884 Fax: +91-755-267 5190

	DB Power Limited Online Stack Report									
	Analyzer	FGD_Absorber1_Stack			Stack -2			ETP Outlet		
	Parameter	PM	SO2	NOx	PM	SO2	NOx	pH	TSS	Temp.
	Unit	mg/Nm3	mg/Nm3	mg/Nm3	mg/Nm3	mg/Nm3	mg/Nm3	pH	mg/l	Deg C
S no.	Date	Month -September 2025								
1	1-Sep-2025	0.38	51.03	230.60	37.82	1125.55	211.34	7.52	8.95	26.82
2	2-Sep-2025	0.46	90.28	227.99	38.46	1134.92	213.57	7.51	8.99	26.88
3	3-Sep-2025	6.39	67.12	228.12	36.94	1140.14	189.71	7.59	8.98	27.15
4	4-Sep-2025	6.28	81.48	217.76	33.70	1195.48	195.02	7.60	9.04	27.08
5	5-Sep-2025	11.42	65.60	222.68	35.12	1116.80	199.63	7.66	16.52	27.35
6	6-Sep-2025	10.97	78.37	227.34	43.68	1138.35	154.43	7.61	8.86	27.35
7	7-Sep-2025	9.61	64.94	213.98	42.28	1110.53	138.48	7.57	8.84	27.00
8	8-Sep-2025	11.16	76.77	226.05	43.70	1162.16	212.31	7.58	8.90	27.07
9	9-Sep-2025	12.26	72.20	222.91	44.17	1131.59	178.98	7.49	8.88	26.78
10	10-Sep-2025	7.39	63.92	253.58	43.71	1147.06	172.80	7.57	8.89	27.05
11	11-Sep-2025	3.70	73.81	248.15	44.13	1150.89	233.72	7.54	8.99	26.97
12	12-Sep-2025	2.22	82.98	242.69	43.22	1123.35	183.93	7.60	9.00	27.26
13	13-Sep-2025	1.64	91.89	248.17	42.31	1141.35	187.16	7.60	8.90	27.23
14	14-Sep-2025	1.11	75.01	233.65	45.12	1182.64	211.43	7.60	8.86	27.20
15	15-Sep-2025	0.92	91.62	229.00	44.08	1229.75	195.01	7.60	9.02	27.25
16	16-Sep-2025	0.65	87.79	223.01	43.90	1245.75	227.12	7.60	9.02	27.25
17	17-Sep-2025	0.19	78.03	226.34	44.14	1193.94	191.86	7.60	8.92	27.22
18	18-Sep-2025	0.05	97.87	238.47	43.97	1224.37	167.41	7.60	8.91	27.21
19	19-Sep-2025	0.12	102.40	251.75	42.59	1222.12	177.53	7.38	11.60	26.39
20	20-Sep-2025	0.07	89.59	265.15	43.82	1194.59	168.70	7.10	5.40	25.40
21	21-Sep-2025	0.44	69.21	260.87	44.37	1162.28	175.64	7.30	5.40	26.00
22	22-Sep-2025	0.52	66.64	231.22	42.90	1174.27	205.81	7.24	5.45	25.85
23	23-Sep-2025	0.08	67.13	228.73	42.99	1201.47	239.08	7.40	5.41	26.43
24	24-Sep-2025	0.62	75.48	226.62	41.24	1208.77	158.13	7.27	5.58	26.01
25	25-Sep-2025	0.09	55.90	213.05	42.72	1180.63	171.19	7.49	5.39	26.74
26	26-Sep-2025	0.57	57.39	220.34	42.29	1149.25	163.12	7.40	5.36	26.38
27	27-Sep-2025	0.09	55.95	231.96	44.02	1103.59	214.06	7.45	5.38	26.64
28	28-Sep-2025	0.02	74.42	230.96	43.58	1219.50	204.55	7.44	5.35	26.57
29	29-Sep-2025	0.21	68.02	231.33	43.89	1209.69	197.47	7.45	5.35	26.61
30	30-Sep-2025	0.25	49.89	238.76	43.54	1182.34	161.95	7.41	5.39	26.48
	Average	3.0	74.1	233.0	42.3	1170.1	190.0	7.5	8.0	26.8
	Maximum	12.3	102.4	265.1	45.1	1245.8	239.1	7.7	16.5	27.4
	Minimum	0.0	49.9	213.1	33.7	1103.6	138.5	7.1	5.3	25.4
FGD-Unit-2 Not in Operation due to maintenance of Air Blower from 07.07.2025.										



DB Power Limited

CIN: U40109MP2006PLC019008

Business Office : Village – Badadarha, Post – Kanwali, Dist – Sakti, Chhattisgarh, PIN – 495695
Tel :- 07762-252569

No. DBPL/ENV/285

Date: 06.10.2025

To,

The Regional Officer
Chhattisgarh Environment Conservation Board
VyaparVihar, Near Pt. Dindayal Upadhyay Garden
Dist: Bilaspur (C.G.)

Sub: Energy Consumption report of ESP – September 2025

Dear Sir,

Please find enclosed herewith Electric energy Consumed by our Electrostatic precipitator (ESP), the PCE attached to the Boiler during the month of September 2025.

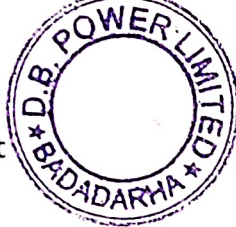
This is for your kind information and record.

Thanking you

Sincerely Yours,

For M/s. DB Power Limited


Head-Environment



Encl -As above

CC: The Superintending Engineer,
Chhattisgarh Environment Conservation Board,
ParyavasBhavan, North Block Sector-19,
Atal Nagar, Raipur (C.G.) 492002

Registered Office:

Block 1A, 5TH Floor, Corporate Block, DB City Park, DB City Area Mills, Opposite M. P. Nagar Zone – I, Bhopal – 462016 (M. P.)
Tel. : +91-755-3988884 Fax: +91-755-267 5190

DB Power Limited
(2X 600 MW Thermal Power Plant)
Badadarha, CG

Energy Consumption Report of Pollution Control Equipments

Month – Sept 2025

S. No.	Name of the equipment APCE / ETP		As per design expected electrical consumption given by vendor / hour	Electrical Consumption for 24 hrs.	Starting reading of the month	End reading of the month	Total electrical consumption MWH	APCE Tripping time during the month (in minutes)	Reasons for tripping
1	ESP of Unit # 1	Transformer - 1 A	-	-	12011	12123	112	-	-
		Transformer - 1 B	-	-	13838	13964	126	-	-
		Transformer - 1 C	-	-	14872	15001	129	-	-
		Transformer - 1 D	-	-	12753	12868	115	-	-
		Transformer - 1 E	-	-	1891	2018	127	-	-
		Transformer - 1 F	-	-	11601	11702	101	-	-
		Transformer - 1 G	-	-	12810	12926	116	-	-
		Transformer - 1 H	-	-	12211	12319	108	-	-
2	ESP of Unit # 2	Transformer - 2 A	-	-	11058	11156	98	-	-
		Transformer - 2 B	-	-	12127	12242	115	-	-
		Transformer - 2 C	-	-	13096	13217	121	-	-
		Transformer - 2 D	-	-	11289	11389	100	-	-
		Transformer - 2 E	-	-	11397	11509	112	-	-
		Transformer - 2 F	-	-	491	603	112	-	-
		Transformer - 2 G	-	-	13934	14075	141	-	-
		Transformer - 2 H	-	-	11346	11473	127	-	-

Signature