



MTPS/UMPP/ENV/MoEF/5990

Date- 10/05/2024

To  
The Director,  
Western Regional Office,  
Ministry of Environment & Forest,  
Integrated Regional Office  
Aranya Bhavan  
Opp St. Xeviers School,  
Near Ch 3 circle, sector 10 A,  
Gandhinagar

**Sub** : Submission of Half yearly Compliance report for 4150 MW Mundra Ultra Mega Thermal Power Project at village Tunda, near Mundra, district Kutch by M/s The Tata Power Company Limited.

**Ref.** : 1) Environment clearance granted to us vide letter dated 2<sup>nd</sup> March, 2007 bearing No. J-13011/41/2006-IA.II (T) and  
2) Corrigendum dated 5<sup>th</sup> April, 2007 bearing no. J-13011/41/2006-IA.II (T).  
3) Corrigendum dated 26<sup>th</sup> April, 2011 bearing no. J-13011/41/2006-IA.II (T).

Dear Sir,

Please find enclosed herewith half yearly compliance report for the period October 2023 – March 2024 of the stipulated conditions in CRZ Clearance and its subsequent corrigendum for M/s The Tata Power Company Limited (Formerly Known as Coastal Gujarat Power Limited).

Thank you,  
Yours Faithfully,  
For **The Tata Power Company Limited**

  
K.R. Bairwa  
Chief-O&M Services

**Copy to:**

1. The Director, Ministry of Environment & Forest, Indira Paryavaran Bhawan, Jor Baugh Road , Aliganj, New Delhi-110003
2. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-office complex, East Arjun Nagar, Delhi-110032
3. The Chairman, Gujarat Pollution Control Board, Parvayaran Bhawan, Sector 10A, Gandhinagar-382010(Gujarat.)
4. The Zonal Officer ,Central Pollution Control Board, Parivesh Bhavan,Opp VMC Ward Office 10,Vadodra-390023(Gujarat)

**TATA POWER**

The Tata Power Company Limited

Mundra Thermal Power Station - Ultra Mega Power Plant, formerly a Unit of Coastal Gujarat Power Limited,

Plant Address: Tunda Vandh Road, Tunda Village, Mundra, Kutch 370435, Telephone: 91 2838 661213

Regd. Office: Mombay House, 24, Homi Mody Street, Mumbai-400 001 ( Maharashtra)

Website: www.tatapower.com; Email: tatapower@tatapower.com; CIN: L28920MH1919LC000567

THE TATA POWER COMPANY LIMITED, MUNDRA

Status of Conditions stipulated in CRZ Clearance of MTPS, Mundra

Ref.:

1. CRZ clearance vide letter No.11-11/2007-IA-III, dated 25<sup>th</sup> April ,2007
2. Amendment in CRZ Clearance vide Letter No.11-11/207-IA-III dated 09/03/2010

CRZ clearance vide letter No.11-11/2007-IA-III, dated 25<sup>th</sup> April ,2007 from MoEF &CC

Specific condition

1.	Continuous monitoring of the temperature at the discharge should be provided.	Online temperature monitoring sensor is installed on outfall channel. Monitoring data is displayed online that is linked with CPCB.
2.	Area for mangrove afforestation and the cost earmarked for the afforestation measures should be provided	MTPS has developed mangroves on 1000 Ha at Kantiyajal Bharuch in association with Gujarat Ecology Commission.
3.	It shall be ensured that no fly ash /slurry from the fly ash pond would be disposed off in the CRZ area or through the outfall channel.	Complied, No fly ash or slurry from the fly ash pond is disposed off in the CRZ area or through the outfall channel.
4.	The fishing activities and movement of fishermen on the coast should not be affected. Appropriate measurement such as bridge or walkways over the channel should be provided.	<p>The movement of fishermen or their activities is not effected by MTPS.</p> <p>To ensure access of fishing communities to the intertidal areas and fishing site, following measures have been taken by MTPS</p> <ol style="list-style-type: none"> <li>1. Alternate road has been provided which is connecting Tragadi village to Tragadi Bunder including construction of bridge over the outfall channel</li> <li>2. Approach road has been provided up to Tragadi bunder so as to access the fishing site</li> <li>3. Boat has been provided to cross the outfall channel and reach the fishing site.</li> </ol>
5.	No objection certificate from the Gujarat Pollution Control Board should be obtain before starting the project.	NOC has been obtained by GPCB vide Letter No. PC/CCA-KUTCH-347/21029 dated 5/4/07 and has been amended in 17/7/07
6.	The effluent discharge weir, shall be designed to ensure that the tidal water does not find its way into the precooling channel. Further, it shall be ensured that the hot water discharge is uniformly spread over the radial region in front and mixing of warm water with the ambient receiving water is maximum	Complied, as per the NIO design it has been ensured that no the tidal water will proceed precooling channel. Further it is ensured that the hot water discharge is uniformly spread over the radial region in front and, mixing.



THE TATA POWER COMPANY LIMITED, MUNDRA

7.	Necessary precaution shall be taken to have uniform flow in the precooling channel in order to achieve better heat dissipation. For this purpose desilting operation be carried out periodically.	During FY 24 no desilting operation carried. All necessary percussions are being taken.
8.	Tree/mangrove plantation in the vicinity of project site and particularly in the vicinity of pre cooling channel should be undertaken as it would enhance the rate of dissipation to atmosphere.	MTPS has done plantation in the vicinity of the channel, additionally MTPS has developed mangroves on 1000 Ha at Kantiyajal Bharuch in association with Gujarat Ecology Commission.
9.	Effective steps shall be taken to ensure that there are no adverse effects on the shoreline wing during construction and operation of the channel.	Complied, all Effective steps has been taken to ensure that there are no adverse effects on the shoreline wing during construction and operation of the channel, like Construction of Diaphragm wall and protection with geo membrane and stone pitching at the beginning of outer discharge channel (Dredged channel) to avoid shore line erosion.
10.	Mangrove in the area will not be destroyed in any manner.	No mangrove has been destroyed in any manner. The area of outfall channel was devoid of mangroves as
		Confirmed by NIO during their Marine Impact Assessment.
11.	Mangrove plantation should be taken up along the channel.	MTPS has done plantation in the vicinity of the channel, additionally MTPS has developed mangroves on 1000 Ha at Kantiyajal Bharuch in association with Gujarat Ecology Commission.
12.	Bunds may be designed and constructed to ensure minimum obstruction to the tidal flow.	Complied, Bunds have designed and constructed to ensure minimum obstruction to the tidal flow
13.	The water quality should be monitored, and stipulated values be maintained all time by taking suitable measures	Water quality at outfall channel is regularly monitored to ensure that the discharged cooling water quality meets the stipulated values. The monitoring data is linked to CPCB.
14.	The intake and outfall systems should not cause any hardship to the local fishermen and should not interfere with the breeding and spawning grounds of fish and other marine fauna.	Complied, all necessary precautions has been taken for easy movement of fisherman and not interfering with the breeding and spawning grounds of fish and other marine fauna. Moreover, MTPS is implementing Sagarbandhu Program for the integrated development of the fishermen community which is appreciated by all the stakeholders The temperature of outfall is well within prescribed norms.
15.	The channel should be constructed in such a manner that no percolation takes place to the ground water	The concrete channel constructed is lined with impervious material to ensure no percolation out cooling water takes place to the ground water.
16.	No landfill sites shall be located in Coastal Regulation Zone areas. The sediment removed from the channel	Complied, dredging spoil is disposed off outside the CRZ Area.



THE TATA POWER COMPANY LIMITED, MUNDRA

	shall be disposed of in the identified landfill sites approved by Gujarat State Pollution Control Board.	
17.	It shall be ensured that the cooling water before discharged shall confirm to the standards laid down by GPCB & CPCB.	Water quality at outfall channel is regularly monitored to ensure that the discharged cooling water quality meets the stipulated values.
18.	The project affected people, if any should be properly compensated and rehabilitated.	Noted But to state that there is no project affected person as such. The land had been acquired by PFC through willing seller and willing buyer concept and adequately compensated more than the prevailing market rate at the time of acquisition of the land by PFC ( GOI)





THE TATA POWER COMPANY LIMITED, MUNDRA

CRZ clearance vide letter No.11-11/2007-IA-III, dated 25 <sup>th</sup> April, 2007 from MoEF &CC		
General Conditions		
1.	Construction of the proposed structure should be undertaken meticulously confirming to the local and central rules and regulation including Coastal Regulating Zone Notification 1991 and its amendments. All the construction designs relating to the proposed construction activities must have approvals of the concerned State Government Departments/Agencies.	Complied, Construction has been completed adhering to Coastal Regulating Zone Notification 1991 and its amendments.
2.	A well-equipped laboratory with suitable instruments to monitor the quality of air and water shall be set up so as to ensure that the quality of ambient air and water conforms to the prescribed standards. The laboratory will also be equipped with qualified manpower including a marine biologist so that the marine water quality is regularly monitored in order to ensure that the marine life quality is regularly monitored in order to ensure that the marine life is not adversely affected as a result of implementation of the said project. The sedimentation pollution in the proposed channel shall be studied regularly has necessary mechanics taken for removal of such sediments. The quality of ambient air and water shall be monitored periodically to all the seasons and the results should be properly maintained for the inspection of the concerned pollution control agencies. The periodic monitoring reports at least once in 6 months must be sent to this Ministry (regional office at Gandhinagar) and State Pollution Control Board.	Complying, MTPS has engaged 3 <sup>rd</sup> party M/s Noida Testing Laboratories a MoEF, NABL approved lab. Following activities are being done by the agency:- Ambient Air Quality Monitoring, Trade Effluent Quality analysis, STP Treated Effluent Quality Monitoring, Condenser Cooling Water Monitoring Report, Sea Water Quality Monitoring, Ground Water Quality Monitoring, Marine Monitoring and Ecological Survey, Stack Emission Monitoring & Soil Quality Monitoring Report.
3.	The project authorities should take appropriate community development and welfare measures for the villagers in the vicinity of the project site, including drinking water facilities. A separate fund should be allocate for this purpose.	Complied, MTPS is implementing comprehensive Community development program in the vicinity with active involvement of the partner NGOs. All the program address the various strategic needs of the community through very scientific and systematic manner which includes Livelihood, Basic needs and Social Capital and infrastructure which includes Livelihood generation, Women Empowerment, Water management, provision of RO units in the community and all the schools, Health, Education, Drinking water, sanitation etc. on sustainable manner.

THE TATA POWER COMPANY LIMITED, MUNDRA

4.	The quarrying material required for construction purpose shall be obtained only from the approved quarries areas. Adequate safeguard measures shall be taken to ensure that the overburden and rocks active quarry site does not find their way into water bodies	Complied, adequate safeguard measures have been taken to ensure that the overburden and rocks active quarry site does not find their way into water bodies.
5.	For employing unskilled, semi-skilled and skilled workers for the project, preference shall be given to local people.	Complying with, MTPS has provided job opportunity to the local on the eligibility basis.
6.	The recommendation made in Environment Management Plan and Disaster Management Plan, as complied in the Environment Impact Assessment and Risk Analysis Reports of the project shall be effectively implemented.	Complying with the recommendation made in Environment Management Plan and Disaster Management Plan.
7.	A separate Environment Management Cell with suitably staff to carry out various environment related functions should be set up under the charge of a senior executive of the company.	Complying with, MTPS has Environment Management Cell with qualified staff.
8.	The funds earmarked for environment protection measures, should be maintained in a separate account and there should be no diversion of these funds for any other purpose. A year wise expenditure on environment safeguard should be reported to this ministry.	Complied. Expenditure on environment safeguard for 2012-13 has been submitted to MoEF vide letter No. MTPS/UMPP/ENV/ MoEF/3495 dated April 20, 2013.
9.	Full support should be extended to the officers of this Ministry's Regional Office at Bhopal and the officers of the Central and State Pollution Control Boards by the project proponents during their inspection for monitoring purpose, by furnishing full details their inspection for monitoring purposes, by furnishing full details and action plans including the action taken reports in respect of mitigating measures and other environmental protection activities.	Noted
10.	This ministry reserves the right to revoke this clearance, if any of the conditions stipulated are not complied with to the satisfaction of the Ministry.	Noted
11.	The ministry or any other competent authority may stipulates any other additional condition subsequently or defined necessary, for environmental protection, which shall be complied with.	Noted



THE TATA POWER COMPANY LIMITED, MUNDRA

12.	The project proponent should advertise at least in two local newspapers widely circulated in the region around the project, One of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen at Website of the Ministry of Environment & Forests at www. nic.in	Complied. The advertisement has been published in "Kutch Mitra and The Times of India" dated 08/06/2007.
13.	The project should inform the Regional office as well as the Ministry the date of Financial Closures and final approve of the project by the concerned authorities and the date of start of Land development work.	Financial Closures and final approve of the project has already been informed.

Amendment in CRZ Clearance vide Letter No.11-11/207-IA-III dated 09/03/2010		
Conditions stipulated in Amendment to CRZ Clearance		
1.	All other conditions shall remain same as stipulated earlier in the Clearance letter dated 25.04.2007 and shall be effectively implemented.	Noted
2.	All the conditions stipulated by Govt. of Gujarat vide letter No. env-10-2006-184-E, Dated 14.09.2009 shall be strictly complied with.	Noted
3.	Regular monitoring for thermal dispersion shall be carried out and report shall be submitted to the Ministry.	Complying, regular monitoring for temperature is done and data linked with CPCB
4.	Post operation monitoring shall be carried out to study the proto model conformity and the results shall be submitted to the Ministry	Complied
5.	All the roads within and outside the complex shall be all weather road.	Complied, all the roads within and outside the complex are weather road.
6.	The ambient temperature of the disposal shall reach within 500m distance from the disposal point.	Complied
7.	A copy of the clearance letter shall be sent by the proponent to be concerned Panchayat, zilla Parishad/ municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestion/ Representation, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Clearance letter are available on company's website <a href="http://www.tatapower.com">www.tatapower.com</a>



THE TATA POWER COMPANY LIMITED, MUNDRA

8.	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely, SPM, RSPM, SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	The status of compliance of the stipulated EC conditions, including results of monitored data has been uploaded on company's website and is also submitted to MoEF, CPCB and GPCB.  As mentioned, SPM, RSPM, SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) are displayed at the Main gate of MTPS in public domain.
9.	The project proponent shall also submit 6 monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by email) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Half yearly reports on the status EC of compliance is submitted to Regional Office of MoEF, CPCB and GPCB.
10.	The environmental statement for each financial year ending 31st March in Form - V as in mandated to be submitted by the project proponent to the concerned State Pollution control Board as prescribed under the Environment (Protection) Rules 1986 as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional offices of MoEF by e-mail.	Complying with, the environmental statement for each financial year ending 31st March in Form - V is available on our website and sent to MoEF by e-mail.



THE TATA POWER COMPANY LIMITED, MUNDRA

Annexure 1

Ambient Noise Monitoring

Month-October			
Location	Date	Leq Day	Leq Night
Unit		dB(A)	dB(A)
Main Gate	01-10-2023	51.3	50.7
Intake Channel	02-10-2023	62.4	59.2
MTPS Hostel	03-10-2023	56.2	48
Near STP	05-10-2023	60.4	60.2
Month-November			
Location	Date	Leq Day	Leq Night
Unit		dB(A)	dB(A)
Main Gate	02-11-2023	56.8	54.2
Intake Channel	03-11-2023	64.2	58.6
MTPS Hostel	04-11-2023	55.2	48.7
Near STP	05-11-2023	69.5	61.2
Month-December			
Location	Date	Leq Day	Leq Night
Unit		dB(A)	dB(A)
Main Gate	01-12-2023	55.8	53.2
Intake Channel	02-12-2023	65.2	59.6
MTPS Hostel	03-12-2023	56.2	47.7
Near STP	04-12-2023	68.5	62.2



THE TATA POWER COMPANY LIMITED, MUNDRA

Month-January			
Location	Date	Leq Day	Leq Night
Unit		dB(A)	dB(A)
Main Gate	01-01-2024	55.4	51.9
Intake Channel	02-01-2024	64.1	61
MTPS Hostel	04-01-2024	54.8	51.3
Near STP	05-01-2024	64.2	62.3
Month-February			
Location	Date	Leq Day	Leq Night
Unit		dB(A)	dB(A)
Main Gate	01-02-2024	57.3	50.2
Intake Channel	02-02-2024	65.4	60
MTPS Hostel	03-02-2024	53.5	52.3
Near STP	04-02-2024	65.2	63.3
Month-March			
Location	Date	Leq Day	Leq Night
Unit		dB(A)	dB(A)
Main Gate	01-03-2024	56.5	49.2
Intake Channel	02-03-2024	66.3	58
MTPS Hostel	03-03-2024	55.5	50.3
Near STP	05-03-2024	53.2	40.2



THE TATA POWER COMPANY LIMITED, MUNDRA

Annexure 2

Ambient Air Quality Monitoring

Location	MTPS Main Gate											
Date of Sampling	PM <sub>10</sub>	PM <sub>2.5</sub>	NO <sub>x</sub>	SO <sub>2</sub>	O <sub>3</sub>	NH <sub>3</sub>	CO	C <sub>6</sub> H <sub>6</sub>	BaP	Pb	As	Ni
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	ng/m <sup>3</sup>
20-09-2023	51.4	22.5	18.7	12.6	2.6	4.0	BDL	BDL	BDL	BDL	BDL	BDL
22-09-2023	85.5	34.7	16.7	11.0	3.0	5.0	BDL	BDL	BDL	BDL	BDL	BDL
24-09-2023	54.9	26.0	14.1	10.0	3.1	5.2	BDL	BDL	BDL	BDL	BDL	BDL
26-09-2023	46.7	19.3	15.2	12.9	3.5	4.4	BDL	BDL	BDL	BDL	BDL	BDL
28-09-2023	62.4	28.1	14.5	11.6	2.7	5.2	BDL	BDL	BDL	BDL	BDL	BDL
30-09-2023	42.6	19.0	17.9	10.4	2.3	3.8	BDL	BDL	BDL	BDL	BDL	BDL
02-10-2023	53.5	24.2	14.9	7.9	2.1	3.5	BDL	BDL	BDL	BDL	BDL	BDL
04-10-2023	50.1	21.5	13.0	9.2	2.2	4.6	BDL	BDL	BDL	BDL	BDL	BDL
06-10-2023	46.4	20.2	10.8	8.8	2.8	4.2	BDL	BDL	BDL	BDL	BDL	BDL
08-10-2023	44.6	17.9	17.2	11.8	2.1	4.3	BDL	BDL	BDL	BDL	BDL	BDL
10-10-2023	60.3	27.1	16.2	12.8	2.4	5.0	BDL	BDL	BDL	BDL	BDL	BDL
12-10-2023	88.5	37.7	15.7	11.9	2.8	4.3	BDL	BDL	BDL	BDL	BDL	BDL
14-10-2023	61.4	26.0	16.1	10.0	2.3	5.3	BDL	BDL	BDL	BDL	BDL	BDL
16-10-2023	81.6	33.8	14.2	11.0	2.7	5.5	BDL	BDL	BDL	BDL	BDL	BDL
18-10-2023	64.0	25.8	15.6	11.8	2.5	5.0	BDL	BDL	BDL	BDL	BDL	BDL
20-10-2023	44.7	28.1	16.3	11.9	2.9	4.1	BDL	BDL	BDL	BDL	BDL	BDL
22-10-2023	91.5	23.4	17.9	10.1	2.8	4.6	BDL	BDL	BDL	BDL	BDL	BDL
24-10-2023	51.4	29.2	16.2	8.7	2.7	4.4	BDL	BDL	BDL	BDL	BDL	BDL
26-10-2023	62.9	25.1	17.9	10.3	2.8	3.5	BDL	BDL	BDL	BDL	BDL	BDL
28-10-2023	55.0	34.3	13.7	9.3	3.0	5.3	BDL	BDL	BDL	BDL	BDL	BDL
30-10-2023	66.3	35.7	15.9	11.7	2.6	4.3	BDL	BDL	BDL	BDL	BDL	BDL
01-11-2023	62.2	37.2	18.3	11.2	2.8	4.1	BDL	BDL	BDL	BDL	BDL	BDL
03-11-2023	71.9	31.2	17.5	9.8	2.5	4.3	BDL	BDL	BDL	BDL	BDL	BDL
05-11-2023	59.7	40.8	18.8	8.8	2.2	4.9	BDL	BDL	BDL	BDL	BDL	BDL
07-11-2023	82.6	41.2	14.2	12.4	2.4	3.9	BDL	BDL	BDL	BDL	BDL	BDL



THE TATA POWER COMPANY LIMITED, MUNDRA

09-11-2023	68.7	37.2	16.3	8.1	2.9	5.1	BDL	BDL	BDL	BDL	BDL	BDL
11-11-2023	77.4	27.8	18.1	9.7	2.8	4.8	BDL	BDL	BDL	BDL	BDL	BDL
13-11-2023	64.5	34.2	19.8	9.0	2.3	4.1	BDL	BDL	BDL	BDL	BDL	BDL
15-11-2023	79.5	41.2	15.4	12.7	2.7	4.5	BDL	BDL	BDL	BDL	BDL	BDL
17-11-2023	83.7	37.2	14.3	11.2	2.3	4.2	BDL	BDL	BDL	BDL	BDL	BDL
19-11-2023	86.4	31.2	13.5	9.8	2.6	4.6	BDL	BDL	BDL	BDL	BDL	BDL
21-11-2023	64.2	36.2	18.2	11.6	2.6	4.3	BDL	BDL	BDL	BDL	BDL	BDL
23-11-2023	69.9	32.2	18.5	8.8	2.2	4.2	BDL	BDL	BDL	BDL	BDL	BDL
25-11-2023	58.7	41.8	17.8	9.2	2.5	4.7	BDL	BDL	BDL	BDL	BDL	BDL
27-11-2023	83.6	39.2	14.6	13.4	2.7	3.8	BDL	BDL	BDL	BDL	BDL	BDL
29-11-2023	68.7	35.2	15.9	8.5	2.6	5.4	BDL	BDL	BDL	BDL	BDL	BDL
01-12-2023	73.4	26.8	18.6	10.7	2.7	4.7	BDL	BDL	BDL	BDL	BDL	BDL
03-12-2023	65.5	35.2	19.4	9.0	2.5	4.9	BDL	BDL	BDL	BDL	BDL	BDL
05-12-2023	78.5	40.2	14.4	11.7	2.7	4.5	BDL	BDL	BDL	BDL	BDL	BDL
07-12-2023	82.7	38.2	14.8	12.2	2.2	4.4	BDL	BDL	BDL	BDL	BDL	BDL
09-12-2023	85.4	31.2	13.8	9.7	2.7	4.2	BDL	BDL	BDL	BDL	BDL	BDL
11-12-2023	82.2	35.2	13.3	10.2	2.8	4.6	BDL	BDL	BDL	BDL	BDL	BDL
13-12-2023	75.9	40.2	16.5	9.5	2.6	4.6	BDL	BDL	BDL	BDL	BDL	BDL
15-12-2023	69.4	34.2	17.3	12.2	2.3	4.2	BDL	BDL	BDL	BDL	BDL	BDL
17-12-2023	72.4	33.2	18.5	9.6	2.6	4.6	BDL	BDL	BDL	BDL	BDL	BDL
19-12-2023	65.2	36.8	14.6	10.4	2.7	4.5	BDL	BDL	BDL	BDL	BDL	BDL
21-12-2023	63.2	38.1	18.0	10.2	2.3	4.1	BDL	BDL	BDL	BDL	BDL	BDL
23-12-2023	70.9	32.2	17.3	9.8	2.4	4.4	BDL	BDL	BDL	BDL	BDL	BDL
25-12-2023	58.7	38.8	17.8	8.5	2.0	4.2	BDL	BDL	BDL	BDL	BDL	BDL
27-12-2023	83.1	40.2	15.2	12.8	2.7	3.8	BDL	BDL	BDL	BDL	BDL	BDL
29-12-2023	69.7	38.2	16.7	8.7	2.7	5.0	BDL	BDL	BDL	BDL	BDL	BDL
31-12-2023	76.4	27.7	18.6	9.8	2.8	4.5	BDL	BDL	BDL	BDL	BDL	BDL
02-01-2024	65.5	33.2	19.4	9.5	2.3	4.3	BDL	BDL	BDL	BDL	BDL	BDL
04-01-2024	78.5	39.2	16.4	12.4	2.5	4.6	BDL	BDL	BDL	BDL	BDL	BDL
06-01-2024	83.4	31.2	15.3	11.7	2.3	4.8	BDL	BDL	BDL	BDL	BDL	BDL
08-01-2024	85.4	30.2	14.5	9.9	2.6	4.6	BDL	BDL	BDL	BDL	BDL	BDL
10-01-2024	82.5	33.2	17.2	11.3	2.7	4.3	BDL	BDL	BDL	BDL	BDL	BDL





THE TATA POWER COMPANY LIMITED, MUNDRA

12-01-2024	84.7	28.2	15.8	10.8	2.4	4.6	BDL	BDL	BDL	BDL	BDL	BDL
14-01-2024	85.6	38.2	16.7	12.4	2.3	4.4	BDL	BDL	BDL	BDL	BDL	BDL
16-01-2024	82.1	34.2	14.8	11.8	2.6	4.2	BDL	BDL	BDL	BDL	BDL	BDL
18-01-2024	76.3	32.4	13.2	12.1	2.1	4.7	BDL	BDL	BDL	BDL	BDL	BDL
20-01-2024	64.5	37.3	18.2	10.8	2.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL
22-01-2024	72.9	33.2	17.8	10.2	2.2	4.3	BDL	BDL	BDL	BDL	BDL	BDL
24-01-2024	57.7	36.8	17.2	8.0	2.4	4.1	BDL	BDL	BDL	BDL	BDL	BDL
26-01-2024	84.1	41.2	15.7	12.5	2.6	3.9	BDL	BDL	BDL	BDL	BDL	BDL
28-01-2024	68.7	38.0	16.9	8.5	2.5	4.9	BDL	BDL	BDL	BDL	BDL	BDL
30-01-2024	77.4	26.7	18.3	9.6	2.7	4.3	BDL	BDL	BDL	BDL	BDL	BDL
01-02-2024	66.5	32.2	19.6	9.3	2.2	4.0	BDL	BDL	BDL	BDL	BDL	BDL
03-02-2024	79.5	40.2	16.9	12.2	2.3	4.3	BDL	BDL	BDL	BDL	BDL	BDL
05-02-2024	82.2	30.2	15.6	11.9	2.5	4.6	BDL	BDL	BDL	BDL	BDL	BDL
07-02-2024	84.2	31.2	14.8	9.9	2.5	4.3	BDL	BDL	BDL	BDL	BDL	BDL
09-02-2024	82.5	32.2	17.4	10.9	2.9	4.4	BDL	BDL	BDL	BDL	BDL	BDL
11-02-2024	85.3	28.8	15.5	10.9	2.5	4.5	BDL	BDL	BDL	BDL	BDL	BDL
13-02-2024	83.6	37.2	16.5	12.2	2.2	4.2	BDL	BDL	BDL	BDL	BDL	BDL
15-02-2024	82.6	34.7	14.5	11.3	2.5	4.2	BDL	BDL	BDL	BDL	BDL	BDL
17-02-2024	80.3	38.4	16.2	12.3	2.1	4.4	BDL	BDL	BDL	BDL	BDL	BDL
19-02-2024	83.9	33.7	15.5	10.3	2.3	4.0	BDL	BDL	BDL	BDL	BDL	BDL
21-02-2024	60.5	35.3	18.0	9.8	2.3	4.1	BDL	BDL	BDL	BDL	BDL	BDL
23-02-2024	72.9	34.2	17.2	10.0	2.4	4.4	BDL	BDL	BDL	BDL	BDL	BDL
25-02-2024	59.2	33.8	16.2	8.0	2.0	4.2	BDL	BDL	BDL	BDL	BDL	BDL
27-02-2024	55.2	30.2	15.2	11.5	2.7	3.8	BDL	BDL	BDL	BDL	BDL	BDL
29-02-2024	70.3	39.0	16.1	8.2	2.7	5.0	BDL	BDL	BDL	BDL	BDL	BDL
02-03-2024	75.4	28.7	18.1	9.2	2.8	4.5	BDL	BDL	BDL	BDL	BDL	BDL
04-03-2024	65.5	33.1	19.2	10.3	2.3	4.3	BDL	BDL	BDL	BDL	BDL	BDL
06-03-2024	70.5	33.2	16.2	12	2.5	4.6	BDL	BDL	BDL	BDL	BDL	BDL
08-03-2024	65.2	30.2	16.6	10.9	2.3	4.8	BDL	BDL	BDL	BDL	BDL	BDL
10-03-2024	70.2	32.2	13.8	8.9	2.6	4.6	BDL	BDL	BDL	BDL	BDL	BDL
12-03-2024	73.7	34.5	16.4	10.4	2.7	4.3	BDL	BDL	BDL	BDL	BDL	BDL
14-03-2024	77.3	29.8	14.5	9.9	2.4	4.6	BDL	BDL	BDL	BDL	BDL	BDL

THE TATA POWER COMPANY LIMITED, MUNDRA

16-03-2024	66.6	32.5	15.1	12.6	2.3	4.4	BDL	BDL	BDL	BDL	BDL	BDL
18-03-2024	64.6	35.7	16.5	11.3	2.6	4.2	BDL	BDL	BDL	BDL	BDL	BDL

Location	Field Hostel											
	PM <sub>10</sub>	PM <sub>2.5</sub>	NO <sub>x</sub>	SO <sub>2</sub>	O <sub>3</sub>	NH <sub>3</sub>	CO	C <sub>6</sub> H <sub>6</sub>	BaP	Pb	As	Ni
Date of Sampling	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	ng/m <sup>3</sup>
20-09-2023	52.4	23.9	17.2	10.3	2.4	4.1	BDL	BDL	BDL	BDL	BDL	BDL
22-09-2023	44.7	19.6	16.9	11.7	3.5	5.7	BDL	BDL	BDL	BDL	BDL	BDL
24-09-2023	41.6	20.4	15.6	9.2	2.2	4.6	BDL	BDL	BDL	BDL	BDL	BDL
26-09-2023	68.0	28.5	14.2	13.0	3.4	5.8	BDL	BDL	BDL	BDL	BDL	BDL
28-09-2023	40.3	17.2	13.9	11.9	3.2	5.2	BDL	BDL	BDL	BDL	BDL	BDL
30-09-2023	49.6	20.5	16.7	12.7	2.8	4.4	BDL	BDL	BDL	BDL	BDL	BDL
02-10-2023	86.2	37.9	18.3	7.9	2.0	4.7	BDL	BDL	BDL	BDL	BDL	BDL
04-10-2023	58.9	26.7	16.1	11.0	2.7	4.5	BDL	BDL	BDL	BDL	BDL	BDL
06-10-2023	52.0	20.1	11.9	12.2	2.4	4.8	BDL	BDL	BDL	BDL	BDL	BDL
08-10-2023	39.1	22.6	19.3	10.0	2.9	5.5	BDL	BDL	BDL	BDL	BDL	BDL
10-10-2023	62.7	28.1	14.3	12.7	2.4	4.9	BDL	BDL	BDL	BDL	BDL	BDL
12-10-2023	53.9	21.5	17.4	10.4	2.7	4.3	BDL	BDL	BDL	BDL	BDL	BDL
14-10-2023	82.7	37.7	15.9	12.7	3.0	5.0	BDL	BDL	BDL	BDL	BDL	BDL
16-10-2023	57.3	25.8	17.3	11.8	3.2	4.4	BDL	BDL	BDL	BDL	BDL	BDL
18-10-2023	49.0	20.9	14.5	9.5	2.6	4.2	BDL	BDL	BDL	BDL	BDL	BDL
20-10-2023	62.5	24.0	15.2	12.8	2.8	4.2	BDL	BDL	BDL	BDL	BDL	BDL
22-10-2023	53.0	31.6	17.8	11.0	3.2	5.3	BDL	BDL	BDL	BDL	BDL	BDL
24-10-2023	71.2	24.3	14.5	7.9	2.9	4.4	BDL	BDL	BDL	BDL	BDL	BDL
26-10-2023	56.3	26.7	14.0	10.3	2.7	4.6	BDL	BDL	BDL	BDL	BDL	BDL
28-10-2023	79.1	31.5	13.2	12.8	3.0	5.0	BDL	BDL	BDL	BDL	BDL	BDL
30-10-2023	86.9	27.0	13.5	7.3	3.3	5.1	BDL	BDL	BDL	BDL	BDL	BDL
01-11-2023	77.3	40.8	12.4	11.4	2.1	4.0	BDL	BDL	BDL	BDL	BDL	BDL



THE TATA POWER COMPANY LIMITED, MUNDRA

03-11-2023	65.8	34.8	15.6	10.0	2.3	4.5	BDL	BDL	BDL	BDL	BDL	BDL
05-11-2023	83.4	44.4	14.7	9.0	2.0	4.3	BDL	BDL	BDL	BDL	BDL	BDL
07-11-2023	70.1	44.8	16.9	12.6	2.7	4.7	BDL	BDL	BDL	BDL	BDL	BDL
09-11-2023	59.4	40.8	15.8	8.3	2.9	4.9	BDL	BDL	BDL	BDL	BDL	BDL
11-11-2023	66.3	31.4	16.5	9.9	2.3	5.2	BDL	BDL	BDL	BDL	BDL	BDL
13-11-2023	72.8	37.8	16.9	9.2	2.8	5.4	BDL	BDL	BDL	BDL	BDL	BDL
15-11-2023	65.2	44.8	18.2	12.9	2.6	5.0	BDL	BDL	BDL	BDL	BDL	BDL
17-11-2023	72.9	40.8	17.4	11.4	2.2	4.2	BDL	BDL	BDL	BDL	BDL	BDL
19-11-2023	64.7	34.8	14.2	10.0	2.4	4.6	BDL	BDL	BDL	BDL	BDL	BDL
21-11-2023	78.3	42.8	13.4	11.4	2.2	4.4	BDL	BDL	BDL	BDL	BDL	BDL
23-11-2023	66.8	37.4	15.5	10.4	2.4	4.6	BDL	BDL	BDL	BDL	BDL	BDL
25-11-2023	82.4	45.8	13.7	9.6	2.2	4.4	BDL	BDL	BDL	BDL	BDL	BDL
27-11-2023	69.7	43.4	17.5	13.6	2.9	4.6	BDL	BDL	BDL	BDL	BDL	BDL
29-11-2023	59.2	40.4	16.2	8.5	2.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL
01-12-2023	65.3	32.4	17.5	9.9	2.5	5.5	BDL	BDL	BDL	BDL	BDL	BDL
03-12-2023	73.8	35.8	15.9	9.4	2.6	5.6	BDL	BDL	BDL	BDL	BDL	BDL
05-12-2023	66.2	45.8	18.4	11.9	2.7	5.4	BDL	BDL	BDL	BDL	BDL	BDL
07-12-2023	73.9	39.8	14.4	11.8	2.4	4.8	BDL	BDL	BDL	BDL	BDL	BDL
09-12-2023	65.7	38.8	13.2	10.7	2.2	4.7	BDL	BDL	BDL	BDL	BDL	BDL
11-12-2023	76.3	42.8	12.8	12.4	2.3	4.3	BDL	BDL	BDL	BDL	BDL	BDL
13-12-2023	64.8	33.8	14.6	11.0	2.6	4.7	BDL	BDL	BDL	BDL	BDL	BDL
15-12-2023	82.4	45.4	14.7	9.9	2.4	4.6	BDL	BDL	BDL	BDL	BDL	BDL
17-12-2023	73.1	43.4	16.6	11.6	2.9	4.9	BDL	BDL	BDL	BDL	BDL	BDL
19-12-2023	68.3	35.8	14.2	10.8	2.7	4.2	BDL	BDL	BDL	BDL	BDL	BDL
21-12-2023	78.3	40.7	13.4	9.4	2.2	4.4	BDL	BDL	BDL	BDL	BDL	BDL
23-12-2023	68.8	34.1	11.6	10.5	2.6	4.3	BDL	BDL	BDL	BDL	BDL	BDL
25-12-2023	82.4	45.4	15.7	9.5	2.3	4.7	BDL	BDL	BDL	BDL	BDL	BDL
27-12-2023	70.6	42.8	16.1	11.6	2.8	4.6	BDL	BDL	BDL	BDL	BDL	BDL
29-12-2023	60.4	34.8	14.8	8.6	2.4	4.2	BDL	BDL	BDL	BDL	BDL	BDL
31-12-2023	67.3	38.4	14.5	8.7	2.5	4.7	BDL	BDL	BDL	BDL	BDL	BDL
02-01-2024	77.8	39.8	15.8	8.9	2.7	4.8	BDL	BDL	BDL	BDL	BDL	BDL
04-01-2024	67.2	38.5	17.2	11.9	2.5	4.6	BDL	BDL	BDL	BDL	BDL	BDL



THE TATA POWER COMPANY LIMITED, MUNDRA

06-01-2024	75.9	42.8	17.8	8.9	2.4	4.2	BDL	BDL	BDL	BDL	BDL	BDL
08-01-2024	69.7	37.8	14.8	9.2	2.3	4.5	BDL	BDL	BDL	BDL	BDL	BDL
10-01-2024	76.3	40.2	16.3	9.5	2.7	4.5	BDL	BDL	BDL	BDL	BDL	BDL
12-01-2024	80.2	46.6	15.8	11.8	2.8	5.0	BDL	BDL	BDL	BDL	BDL	BDL
14-01-2024	79.5	39.3	16.3	10.5	2.6	4.6	BDL	BDL	BDL	BDL	BDL	BDL
16-01-2024	81.4	41.2	17.7	12.5	2.9	5.2	BDL	BDL	BDL	BDL	BDL	BDL
18-01-2024	73.2	33.2	14.2	8.6	2.4	4.9	BDL	BDL	BDL	BDL	BDL	BDL
20-01-2024	77.3	39.7	13.0	9.2	2.0	4.2	BDL	BDL	BDL	BDL	BDL	BDL
22-01-2024	69.8	34.6	12.6	9.5	2.3	4.0	BDL	BDL	BDL	BDL	BDL	BDL
24-01-2024	83.4	45.8	16.1	9.7	2.5	4.8	BDL	BDL	BDL	BDL	BDL	BDL
26-01-2024	72.6	41.8	16.7	11.7	2.8	4.4	BDL	BDL	BDL	BDL	BDL	BDL
28-01-2024	65.4	34.5	14.5	8.9	2.3	4.0	BDL	BDL	BDL	BDL	BDL	BDL
30-01-2024	69.3	37.4	13.5	7.7	2.3	4.4	BDL	BDL	BDL	BDL	BDL	BDL
01-02-2024	78.8	38.4	16.8	8.4	2.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL
03-02-2024	68.2	37.5	17.6	12.6	2.7	4.5	BDL	BDL	BDL	BDL	BDL	BDL
05-02-2024	77.9	43.2	17.2	8.4	2.5	4.4	BDL	BDL	BDL	BDL	BDL	BDL
07-02-2024	70.7	38.8	15.8	9.3	2.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL
09-02-2024	76.3	38.2	15.3	9.7	2.6	4.3	BDL	BDL	BDL	BDL	BDL	BDL
11-02-2024	82.2	46.9	16.3	11.6	2.7	5.0	BDL	BDL	BDL	BDL	BDL	BDL
13-02-2024	78.5	37.3	15.3	10.2	2.6	4.3	BDL	BDL	BDL	BDL	BDL	BDL
15-02-2024	82.4	41.7	18.2	12.7	2.7	5.1	BDL	BDL	BDL	BDL	BDL	BDL
17-02-2024	83.3	37.4	17.2	14.3	2.9	4.3	BDL	BDL	BDL	BDL	BDL	BDL
19-02-2024	80.5	30.7	15.0	9.3	2.2	4.0	BDL	BDL	BDL	BDL	BDL	BDL
21-02-2024	60.3	30.7	13.4	9.3	2.2	4.4	BDL	BDL	BDL	BDL	BDL	BDL
23-02-2024	70.8	33.6	11.6	8.7	2.6	4.3	BDL	BDL	BDL	BDL	BDL	BDL
25-02-2024	56.4	33.8	13.7	9.6	2.3	4.0	BDL	BDL	BDL	BDL	BDL	BDL
27-02-2024	43.2	28.8	15.3	9.0	2.8	4.6	BDL	BDL	BDL	BDL	BDL	BDL
29-02-2024	57.4	32.5	15.1	8.6	2.4	4.2	BDL	BDL	BDL	BDL	BDL	BDL
02-03-2024	57	33.4	12.5	7.2	2.5	4.7	BDL	BDL	BDL	BDL	BDL	BDL
04-03-2024	50.2	34.4	17.3	9	2.7	4.8	BDL	BDL	BDL	BDL	BDL	BDL
06-03-2024	49.2	27.5	16.8	8.6	2.5	4.6	BDL	BDL	BDL	BDL	BDL	BDL
08-03-2024	59.2	33.1	16.2	8.8	2.4	4.2	BDL	BDL	BDL	BDL	BDL	BDL



THE TATA POWER COMPANY LIMITED, MUNDRA

10-03-2024	62.7	33.8	16.8	9.5	2.3	4.5	BDL	BDL	BDL	BDL	BDL	BDL
12-03-2024	60.5	34.2	17.8	9.9	2.7	4.5	BDL	BDL	BDL	BDL	BDL	BDL
14-03-2024	47.5	35.9	15.7	12.6	2.8	5	BDL	BDL	BDL	BDL	BDL	BDL
16-03-2024	60.5	34.3	16.3	11.3	2.6	4.6	BDL	BDL	BDL	BDL	BDL	BDL
18-03-2024	57.4	34.2	18.7	13.3	2.9	5.2	BDL	BDL	BDL	BDL	BDL	BDL

Location	Labour Colony												
	Date of Sampling	PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	NO <sub>x</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	O <sub>3</sub> µg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	C <sub>6</sub> H <sub>6</sub> µg/m <sup>3</sup>	BaP ng/m <sup>3</sup>	Pb µg/m <sup>3</sup>	As ng/m <sup>3</sup>	Ni ng/m <sup>3</sup>
20-09-2023	63.8	28.4	16.7	11.9	2.6	4.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL
22-09-2023	49.4	23.1	17.4	12.5	2.9	5.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL
24-09-2023	54.9	21.9	16.3	10.0	2.2	4.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL
26-09-2023	43.1	19.0	14.7	11.7	3.1	5.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL
28-09-2023	53.1	23.4	15.1	9.2	2.3	4.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL
30-09-2023	42.3	16.0	14.2	8.0	2.5	4.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL
02-10-2023	60.8	25.0	16.1	9.5	2.2	3.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL
04-10-2023	51.5	21.5	18.1	11.6	2.8	5.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL
06-10-2023	41.4	20.2	14.5	9.6	2.5	4.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL
08-10-2023	52.0	22.8	15.5	13.8	2.9	5.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL
10-10-2023	59.6	24.3	14.2	9.2	2.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL
12-10-2023	48.0	20.0	15.6	9.5	2.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL
14-10-2023	50.4	21.4	18.5	10.8	2.4	5.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL
16-10-2023	39.4	17.8	19.2	8.2	2.6	4.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL
18-10-2023	65.1	25.2	16.3	9.5	2.2	4.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
20-10-2023	55.8	32.0	14.6	11.2	3.0	4.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL
22-10-2023	70.2	26.2	17.2	11.0	2.6	4.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL
24-10-2023	53.2	25.7	15.8	8.8	2.0	4.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL
26-10-2023	64.0	22.2	14.6	9.5	2.5	4.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL
28-10-2023	73.6	28.0	16.3	12.8	2.7	4.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL
30-10-2023	61.2	36.3	14.0	9.0	2.8	5.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL



THE TATA POWER COMPANY LIMITED, MUNDRA

01-11-2023	68.2	37.2	18.3	11.2	2.7	4.2	BDL	BDL	BDL	BDL	BDL	BDL
03-11-2023	73.4	31.2	15.4	9.8	2.9	4.9	BDL	BDL	BDL	BDL	BDL	BDL
05-11-2023	69.1	40.8	13.9	8.8	2.0	4.3	BDL	BDL	BDL	BDL	BDL	BDL
07-11-2023	58.3	41.2	16.4	12.4	2.7	4.8	BDL	BDL	BDL	BDL	BDL	BDL
09-11-2023	74.8	37.2	12.7	8.1	2.3	4.7	BDL	BDL	BDL	BDL	BDL	BDL
11-11-2023	77.4	27.8	17.9	9.7	2.5	4.2	BDL	BDL	BDL	BDL	BDL	BDL
13-11-2023	63.8	34.2	19.8	9.0	2.8	4.9	BDL	BDL	BDL	BDL	BDL	BDL
15-11-2023	66.4	41.2	14.4	12.7	2.4	4.0	BDL	BDL	BDL	BDL	BDL	BDL
17-11-2023	83.7	37.2	15.2	11.2	2.3	4.4	BDL	BDL	BDL	BDL	BDL	BDL
19-11-2023	78.2	31.2	17.5	9.8	2.9	4.1	BDL	BDL	BDL	BDL	BDL	BDL
21-11-2023	66.2	36.2	18.6	12.2	2.6	4.6	BDL	BDL	BDL	BDL	BDL	BDL
23-11-2023	74.4	32.2	14.4	9.6	2.8	4.8	BDL	BDL	BDL	BDL	BDL	BDL
25-11-2023	69.2	41.8	13.5	8.9	2.4	4.2	BDL	BDL	BDL	BDL	BDL	BDL
27-11-2023	58.6	40.2	17.4	13.4	2.5	4.7	BDL	BDL	BDL	BDL	BDL	BDL
29-11-2023	75.8	38.2	13.7	8.7	2.4	4.8	BDL	BDL	BDL	BDL	BDL	BDL
01-12-2023	78.4	27.8	18.2	10.7	2.6	4.3	BDL	BDL	BDL	BDL	BDL	BDL
03-12-2023	64.8	35.2	18.8	9.8	2.9	4.5	BDL	BDL	BDL	BDL	BDL	BDL
05-12-2023	65.4	40.2	14.7	12.5	2.5	4.3	BDL	BDL	BDL	BDL	BDL	BDL
07-12-2023	82.7	39.2	15.6	10.8	2.5	4.5	BDL	BDL	BDL	BDL	BDL	BDL
09-12-2023	76.2	32.2	18.5	9.6	2.7	4.2	BDL	BDL	BDL	BDL	BDL	BDL
11-12-2023	64.8	33.2	19.3	9.7	2.6	4.8	BDL	BDL	BDL	BDL	BDL	BDL
13-12-2023	67.4	40.2	13.4	11.7	2.5	4.3	BDL	BDL	BDL	BDL	BDL	BDL
15-12-2023	84.7	38.2	16.2	12.2	2.4	4.5	BDL	BDL	BDL	BDL	BDL	BDL
17-12-2023	73.2	32.2	17.8	9.5	2.8	4.3	BDL	BDL	BDL	BDL	BDL	BDL
19-12-2023	82.4	36.8	18.2	8.9	2.7	4.4	BDL	BDL	BDL	BDL	BDL	BDL
21-12-2023	67.2	36.2	17.3	11.8	2.3	4.6	BDL	BDL	BDL	BDL	BDL	BDL
23-12-2023	74.4	32.2	15.2	9.5	2.8	4.5	BDL	BDL	BDL	BDL	BDL	BDL
25-12-2023	70.1	39.8	13.4	8.5	2.5	4.7	BDL	BDL	BDL	BDL	BDL	BDL
27-12-2023	60.3	38.2	15.7	11.5	2.8	4.5	BDL	BDL	BDL	BDL	BDL	BDL
29-12-2023	73.8	39.2	13.7	8.7	2.3	4.7	BDL	BDL	BDL	BDL	BDL	BDL
31-12-2023	78.4	29.8	17.2	8.6	2.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL
02-01-2024	65.8	35.2	18.8	9.2	2.8	4.6	BDL	BDL	BDL	BDL	BDL	BDL



THE TATA POWER COMPANY LIMITED, MUNDRA

04-01-2024	68.4	42.2	14.8	11.7	2.4	4.0	BDL	BDL	BDL	BDL	BDL	BDL
06-01-2024	85.7	36.2	15.7	12.2	2.3	4.4	BDL	BDL	BDL	BDL	BDL	BDL
08-01-2024	77.2	33.2	15.5	9.3	2.9	4.1	BDL	BDL	BDL	BDL	BDL	BDL
10-01-2024	78.3	32.2	16.2	8.8	2.7	4.4	BDL	BDL	BDL	BDL	BDL	BDL
12-01-2024	80.4	35.2	14.8	8.4	2.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL
14-01-2024	81.2	37.1	15.7	9.6	2.5	4.6	BDL	BDL	BDL	BDL	BDL	BDL
16-01-2024	80.7	36.2	16.2	9.2	2.7	4.3	BDL	BDL	BDL	BDL	BDL	BDL
18-01-2024	67.2	32.9	15.6	10.1	2.6	4.8	BDL	BDL	BDL	BDL	BDL	BDL
20-01-2024	65.2	33.2	15.3	9.8	2.0	4.3	BDL	BDL	BDL	BDL	BDL	BDL
22-01-2024	73.4	32.0	14.8	9.4	2.6	4.2	BDL	BDL	BDL	BDL	BDL	BDL
24-01-2024	74.2	40.2	13.7	8.3	2.3	4.0	BDL	BDL	BDL	BDL	BDL	BDL
26-01-2024	62.8	39.2	15.9	10.5	2.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL
28-01-2024	74.8	41.2	14.0	8.3	2.2	4.8	BDL	BDL	BDL	BDL	BDL	BDL
30-01-2024	80.4	31.8	18.2	8.9	2.5	4.4	BDL	BDL	BDL	BDL	BDL	BDL
01-02-2024	67.8	34.2	14.6	8.5	2.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL
03-02-2024	73.4	38.0	15.3	10.7	2.3	3.9	BDL	BDL	BDL	BDL	BDL	BDL
05-02-2024	82.7	35.2	15.9	11.9	2.4	4.4	BDL	BDL	BDL	BDL	BDL	BDL
07-02-2024	79.2	33.2	14.5	9.0	2.8	4.0	BDL	BDL	BDL	BDL	BDL	BDL
09-02-2024	76.3	35.2	16.2	8.8	2.7	4.4	BDL	BDL	BDL	BDL	BDL	BDL
11-02-2024	81.4	36.9	14.7	8.5	2.9	4.8	BDL	BDL	BDL	BDL	BDL	BDL
13-02-2024	80.2	35.5	15.7	9.7	2.7	4.6	BDL	BDL	BDL	BDL	BDL	BDL
15-02-2024	82.7	36.5	16.2	9.2	2.7	4.3	BDL	BDL	BDL	BDL	BDL	BDL
17-02-2024	81.0	37.4	16.8	10.3	2.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL
19-02-2024	83.9	33.7	15.5	10.3	2.3	4.0	BDL	BDL	BDL	BDL	BDL	BDL
21-02-2024	55.0	28.7	13.3	9.0	2.3	4.6	BDL	BDL	BDL	BDL	BDL	BDL
23-02-2024	49.3	34.3	15.8	9.6	2.8	4.5	BDL	BDL	BDL	BDL	BDL	BDL
25-02-2024	52.2	36.2	13.2	8.0	2.5	4.7	BDL	BDL	BDL	BDL	BDL	BDL
27-02-2024	55.8	38.2	14.9	8.5	2.8	4.5	BDL	BDL	BDL	BDL	BDL	BDL
29-02-2024	50.6	27.6	12.5	9.3	2.3	4.7	BDL	BDL	BDL	BDL	BDL	BDL
02-03-2024	51.4	27.8	15.2	10.9	2.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL
04-03-2024	46.3	27.2	15.6	7.5	2.8	4.6	BDL	BDL	BDL	BDL	BDL	BDL
06-03-2024	54.5	24	15	9.7	2.4	4	BDL	BDL	BDL	BDL	BDL	BDL

THE TATA POWER COMPANY LIMITED, MUNDRA

08-03-2024	74.7	36.2	16.9	13.9	2.3	4.4	BDL	BDL	BDL	BDL	BDL	BDL
10-03-2024	40.2	25.2	13.5	9.3	2.9	4.1	BDL	BDL	BDL	BDL	BDL	BDL
12-03-2024	44.3	27.2	14.4	8.9	2.7	4.4	BDL	BDL	BDL	BDL	BDL	BDL
14-03-2024	52.4	28.9	14.1	10.5	2.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL
16-03-2024	49.2	24.5	16.1	9.3	2.5	4.6	BDL	BDL	BDL	BDL	BDL	BDL
18-03-2024	53.7	26.5	17.3	9.2	2.7	4.3	BDL	BDL	BDL	BDL	BDL	BDL

Location	Tunda											
	PM <sub>10</sub>	PM <sub>2.5</sub>	NO <sub>x</sub>	SO <sub>2</sub>	O <sub>3</sub>	NH <sub>3</sub>	CO	C <sub>6</sub> H <sub>6</sub>	BaP	Pb	As	Ni
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	µg/m <sup>3</sup>	ng/m <sup>3</sup>	ng/m <sup>3</sup>
21-09-2023	58.8	26.9	14.6	10.3	2.6	3.5	BDL	BDL	BDL	BDL	BDL	BDL
25-09-2023	71.1	29.8	16.1	12.5	2.3	4.5	BDL	BDL	BDL	BDL	BDL	BDL
28-09-2023	43.6	20.0	17.0	9.3	2.9	4.1	BDL	BDL	BDL	BDL	BDL	BDL
02-10-2023	52.2	21.9	19.3	11.6	2.8	4.9	BDL	BDL	BDL	BDL	BDL	BDL
05-10-2023	89.9	37.8	17.8	10.1	3.0	4.6	BDL	BDL	BDL	BDL	BDL	BDL
09-10-2023	48.4	21.2	14.1	8.8	2.0	4.2	BDL	BDL	BDL	BDL	BDL	BDL
12-10-2023	61.9	25.0	16.4	9.1	2.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL
16-10-2023	68.1	28.9	13.1	11.0	2.8	4.4	BDL	BDL	BDL	BDL	BDL	BDL
19-10-2023	77.0	34.0	16.5	12.1	2.5	4.2	BDL	BDL	BDL	BDL	BDL	BDL
20-10-2023	69.8	23.5	15.7	9.5	2.4	3.3	BDL	BDL	BDL	BDL	BDL	BDL
23-10-2023	71.9	27.1	17.4	10.1	2.6	5.0	BDL	BDL	BDL	BDL	BDL	BDL
27-10-2023	85.5	28.6	14.9	11.0	2.8	4.4	BDL	BDL	BDL	BDL	BDL	BDL
30-10-2023	60.7	25.0	16.4	8.4	2.2	5.6	BDL	BDL	BDL	BDL	BDL	BDL
02-11-2023	84.8	30.0	14.3	9.3	2.1	4.3	BDL	BDL	BDL	BDL	BDL	BDL
06-11-2023	71.6	28.5	18.2	7.9	2.5	5.2	BDL	BDL	BDL	BDL	BDL	BDL
09-11-2023	77.7	27.4	15.6	6.9	2.7	4.4	BDL	BDL	BDL	BDL	BDL	BDL
13-11-2023	65.2	29.5	19.9	10.5	2.6	4.9	BDL	BDL	BDL	BDL	BDL	BDL
16-11-2023	73.9	27.9	15.5	6.2	2.4	5.0	BDL	BDL	BDL	BDL	BDL	BDL
20-11-2023	83.6	30.4	15.3	9.6	2.2	4.4	BDL	BDL	BDL	BDL	BDL	BDL





THE TATA POWER COMPANY LIMITED, MUNDRA

23-11-2023	72.6	27.5	17.2	7.7	2.4	5.2	BDL	BDL	BDL	BDL	BDL	BDL
27-11-2023	76.7	28.4	14.6	6.5	2.3	4.6	BDL	BDL	BDL	BDL	BDL	BDL
30-11-2023	66.2	28.5	18.9	10.3	2.8	4.3	BDL	BDL	BDL	BDL	BDL	BDL
04-12-2023	72.9	29.3	14.5	5.2	2.2	5.1	BDL	BDL	BDL	BDL	BDL	BDL
07-12-2023	85.8	30.7	14.1	8.3	2.4	4.8	BDL	BDL	BDL	BDL	BDL	BDL
11-12-2023	72.6	27.5	16.2	6.9	2.6	5.3	BDL	BDL	BDL	BDL	BDL	BDL
14-12-2023	76.7	26.4	16.0	7.0	2.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL
18-12-2023	68.4	38.7	14.5	9.8	2.7	4.9	BDL	BDL	BDL	BDL	BDL	BDL
21-12-2023	85.2	32.0	15.3	9.6	2.3	4.6	BDL	BDL	BDL	BDL	BDL	BDL
25-12-2023	72.6	27.5	18.4	6.9	2.3	5.3	BDL	BDL	BDL	BDL	BDL	BDL
28-12-2023	79.3	27.2	16.6	6.2	2.5	4.3	BDL	BDL	BDL	BDL	BDL	BDL
01-01-2024	67.2	26.5	19.3	8.5	2.2	4.5	BDL	BDL	BDL	BDL	BDL	BDL
04-01-2024	72.9	27.1	15.4	6.8	2.5	4.9	BDL	BDL	BDL	BDL	BDL	BDL
08-01-2024	80.2	33.4	15.6	8.2	2.8	4.8	BDL	BDL	BDL	BDL	BDL	BDL
11-01-2024	78.6	30.6	16.9	6.7	2.6	4.3	BDL	BDL	BDL	BDL	BDL	BDL
15-01-2024	69.2	33.3	18.2	8.1	2.8	4.9	BDL	BDL	BDL	BDL	BDL	BDL
18-01-2024	78.9	36.5	16.5	10.2	2.3	5.2	BDL	BDL	BDL	BDL	BDL	BDL
22-01-2024	82.3	33.0	15.8	8.6	2.8	4.9	BDL	BDL	BDL	BDL	BDL	BDL
25-01-2024	73.6	28.5	18.2	6.7	2.4	5.2	BDL	BDL	BDL	BDL	BDL	BDL
29-01-2024	80.3	27.8	16.7	6.5	2.6	4.4	BDL	BDL	BDL	BDL	BDL	BDL
01-02-2024	68.2	26.9	18.3	8.3	2.4	4.4	BDL	BDL	BDL	BDL	BDL	BDL
05-02-2024	78.9	28.2	15.3	6.4	2.6	4.9	BDL	BDL	BDL	BDL	BDL	BDL
08-02-2024	80.8	32.4	15.8	8.3	2.9	4.7	BDL	BDL	BDL	BDL	BDL	BDL
12-02-2024	79.6	31.6	16.5	6.6	2.3	4.4	BDL	BDL	BDL	BDL	BDL	BDL
15-02-2024	67.2	32.3	18.4	8.2	2.8	4.9	BDL	BDL	BDL	BDL	BDL	BDL
19-02-2024	60.4	26.2	16	8	2.2	4.4	BDL	BDL	BDL	BDL	BDL	BDL
22-02-2024	66.3	32.5	14.5	8.7	2.3	4.6	BDL	BDL	BDL	BDL	BDL	BDL
26-02-2024	72.6	27.5	17.3	6.8	2.3	5.3	BDL	BDL	BDL	BDL	BDL	BDL
29-02-2024	55.3	25.8	16.8	6.2	2.5	4.3	BDL	BDL	BDL	BDL	BDL	BDL
04-03-2024	70.2	37.9	15.3	7	2.2	4.5	BDL	BDL	BDL	BDL	BDL	BDL
07-03-2024	67.9	28.6	16.3	6.7	2.5	4.9	BDL	BDL	BDL	BDL	BDL	BDL
11-03-2024	58.4	33.4	17.8	8.7	2.8	4.8	BDL	BDL	BDL	BDL	BDL	BDL

THE TATA POWER COMPANY LIMITED, MUNDRA

14-03-2024	67.3	29.8	15.5	6.3	2.6	4.3	BDL	BDL	BDL	BDL	BDL	BDL
18-03-2024	68.2	30	17.4	8.4	2.8	4.9	BDL	BDL	BDL	BDL	BDL	BDL

Location	Vandh												
	Date of Sampling	PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	NO <sub>x</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	O <sub>3</sub> µg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	C <sub>6</sub> H <sub>6</sub> µg/m <sup>3</sup>	BaP ng/m <sup>3</sup>	Pb µg/m <sup>3</sup>	As ng/m <sup>3</sup>	Ni ng/m <sup>3</sup>
21-09-2023	79.5	35.1	17.8	10.3	2.5	4.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL
25-09-2023	77.8	34.7	18.0	11.8	2.1	4.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL
28-09-2023	63.0	28.0	12.4	9.3	2.4	5.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL
02-10-2023	57.7	23.2	16.7	10.1	2.3	4.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
05-10-2023	80.9	34.0	17.7	8.1	2.9	5.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL
09-10-2023	71.6	30.8	13.5	9.6	2.7	4.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL
12-10-2023	84.8	37.9	17.3	11.8	2.9	4.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL
16-10-2023	59.6	26.4	14.7	10.0	2.6	4.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL
19-10-2023	85.5	35.1	16.0	12.2	3.0	4.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL
20-10-2023	71.3	30.2	16.2	9.5	2.7	4.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL
23-10-2023	60.6	31.6	15.6	11.9	2.9	5.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL
27-10-2023	55.1	36.6	13.1	9.3	2.3	4.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL
30-10-2023	80.8	34.9	12.3	8.3	2.4	4.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL
02-11-2023	72.5	33.5	17.3	10.2	2.3	4.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL
06-11-2023	82.6	29.0	16.2	8.8	2.2	4.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL
09-11-2023	79.5	27.4	16.3	7.8	2.9	4.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL
13-11-2023	62.5	30.2	18.6	11.4	2.7	4.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL
16-11-2023	77.5	26.8	17.4	7.1	2.5	4.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL
20-11-2023	71.5	32.5	18.3	10.8	2.4	4.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL
23-11-2023	80.6	28.0	15.2	7.8	2.5	4.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL
27-11-2023	79.5	26.4	16.8	9.8	2.8	4.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL
30-11-2023	63.5	31.2	17.6	10.4	2.6	4.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL
04-12-2023	78.5	27.8	18.4	7.7	2.4	4.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL





THE TATA POWER COMPANY LIMITED, MUNDRA

07-12-2023	73.6	34.5	18.3	11.2	2.4	4.2	BDL	BDL	BDL	BDL	BDL	BDL
11-12-2023	81.6	28.0	17.2	8.6	2.3	4.7	BDL	BDL	BDL	BDL	BDL	BDL
14-12-2023	78.5	29.4	16.8	7.9	2.7	4.3	BDL	BDL	BDL	BDL	BDL	BDL
18-12-2023	69.2	37.4	14.5	8.9	2.8	4.9	BDL	BDL	BDL	BDL	BDL	BDL
21-12-2023	73.5	28.5	16.4	10.2	2.8	4.5	BDL	BDL	BDL	BDL	BDL	BDL
25-12-2023	83.2	29.0	17.2	8.8	2.6	4.7	BDL	BDL	BDL	BDL	BDL	BDL
28-12-2023	78.8	26.4	16.4	8.3	2.7	4.6	BDL	BDL	BDL	BDL	BDL	BDL
01-01-2024	64.5	31.2	16.6	9.2	2.2	4.4	BDL	BDL	BDL	BDL	BDL	BDL
04-01-2024	78.5	26.8	17.7	7.7	2.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL
08-01-2024	77.3	29.4	16.8	7.2	2.5	4.3	BDL	BDL	BDL	BDL	BDL	BDL
11-01-2024	82.4	30.2	18.4	9.4	2.9	4.7	BDL	BDL	BDL	BDL	BDL	BDL
15-01-2024	83.1	29.2	19.2	9.5	2.8	4.9	BDL	BDL	BDL	BDL	BDL	BDL
18-01-2024	65.3	26.3	14.6	8.4	2.1	5.2	BDL	BDL	BDL	BDL	BDL	BDL
22-01-2024	74.5	28.8	15.4	10.8	2.6	4.8	BDL	BDL	BDL	BDL	BDL	BDL
25-01-2024	84.6	29.5	18.2	8.9	2.7	4.5	BDL	BDL	BDL	BDL	BDL	BDL
29-01-2024	77.8	25.4	15.4	8.0	2.8	4.3	BDL	BDL	BDL	BDL	BDL	BDL
01-02-2024	64.5	30.2	15.6	9.0	2.4	4.2	BDL	BDL	BDL	BDL	BDL	BDL
05-02-2024	79.5	27.3	16.7	7.8	2.6	4.8	BDL	BDL	BDL	BDL	BDL	BDL
08-02-2024	76.3	29.9	16.9	7.5	2.4	4.2	BDL	BDL	BDL	BDL	BDL	BDL
12-02-2024	83.4	30.7	18.8	9.2	2.5	4.6	BDL	BDL	BDL	BDL	BDL	BDL
15-02-2024	69.3	28.2	17.2	8.7	2.6	4.5	BDL	BDL	BDL	BDL	BDL	BDL
19-02-2024	62.4	27.2	16.2	8.3	2.2	4.4	BDL	BDL	BDL	BDL	BDL	BDL
22-02-2024	56.5	29.5	15.3	9.8	2.8	4.5	BDL	BDL	BDL	BDL	BDL	BDL
26-02-2024	52.6	31.5	18.5	10.8	2.6	4.7	BDL	BDL	BDL	BDL	BDL	BDL
29-02-2024	73.8	26.4	15.1	8.8	2.7	4.6	BDL	BDL	BDL	BDL	BDL	BDL
04-03-2024	67.5	30.8	14.6	8.5	2.2	4.4	BDL	BDL	BDL	BDL	BDL	BDL
07-03-2024	68.5	27.7	16.2	8.9	2.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL
11-03-2024	77.5	33.9	15.9	7.7	2.5	4.3	BDL	BDL	BDL	BDL	BDL	BDL
14-03-2024	73.8	27.3	18.9	9.4	2.9	4.7	BDL	BDL	BDL	BDL	BDL	BDL
18-03-2024	68.3	26.8	16.7	8.7	2.8	4	BDL	BDL	BDL	BDL	BDL	BDL

THE TATA POWER COMPANY LIMITED, MUNDRA

Location	Siracha												
	Date of Sampling	PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	NO <sub>x</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	O <sub>3</sub> µg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	C <sub>6</sub> H <sub>6</sub> µg/m <sup>3</sup>	BaP ng/m <sup>3</sup>	Pb µg/m <sup>3</sup>	As ng/m <sup>3</sup>	Ni ng/m <sup>3</sup>
21-09-2023	70.3	29.1	16.7	11.6	3.2	5.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
25-09-2023	60.5	28.3	18.0	10.7	2.5	5.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL
28-09-2023	56.3	26.2	16.9	12.0	2.6	4.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL
02-10-2023	62.9	27.6	15.3	10.1	2.3	4.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL
05-10-2023	77.7	33.1	14.9	11.9	2.9	4.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL
09-10-2023	61.4	27.1	17.3	10.3	2.3	3.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL
12-10-2023	54.0	23.1	15.5	9.3	2.8	4.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL
16-10-2023	45.0	20.3	11.2	11.7	2.6	3.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL
19-10-2023	64.5	27.9	14.5	8.7	2.4	4.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL
20-10-2023	60.4	37.0	14.1	10.4	2.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL
23-10-2023	41.1	22.8	17.3	10.2	2.6	4.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL
27-10-2023	82.1	22.7	15.7	9.6	2.5	5.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL
30-10-2023	73.9	31.4	12.6	8.5	2.9	4.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
02-11-2023	84.8	30.0	17.3	9.3	2.6	5.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL
06-11-2023	79.6	28.5	18.9	7.9	2.7	4.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
09-11-2023	62.3	27.4	15.6	6.9	2.4	4.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL
13-11-2023	74.2	29.5	19.9	10.5	2.9	4.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL
16-11-2023	60.7	27.9	15.3	6.2	2.7	4.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL
20-11-2023	85.3	29.0	17.5	9.4	2.4	5.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL
23-11-2023	78.6	27.5	18.4	7.7	2.6	4.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL
27-11-2023	63.2	26.4	16.6	6.4	2.3	4.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL
30-11-2023	75.2	28.5	18.9	10.3	2.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL
04-12-2023	61.7	27.9	14.3	6.5	2.6	4.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
07-12-2023	63.3	26.4	16.6	6.4	2.3	4.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL
11-12-2023	72.2	28.5	19.3	10.4	2.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL
14-12-2023	64.7	28.4	16.2	6.7	2.8	4.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
18-12-2023	86.5	37.8	15.2	9.8	2.7	4.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL
21-12-2023	84.2	30.2	16.8	9.6	2.7	5.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL



THE TATA POWER COMPANY LIMITED, MUNDRA

25-12-2023	78.6	27.5	17.9	7.0	2.8	4.6	BDL	BDL	BDL	BDL	BDL	BDL
28-12-2023	64.3	26.4	15.2	6.5	2.2	4.5	BDL	BDL	BDL	BDL	BDL	BDL
01-01-2024	75.2	27.5	19.6	8.5	2.5	4.4	BDL	BDL	BDL	BDL	BDL	BDL
04-01-2024	62.7	27.8	15.5	6.7	2.8	4.2	BDL	BDL	BDL	BDL	BDL	BDL
08-01-2024	77.4	28.6	16.7	6.6	2.6	4.3	BDL	BDL	BDL	BDL	BDL	BDL
11-01-2024	82.3	29.4	19.5	8.4	2.8	5.0	BDL	BDL	BDL	BDL	BDL	BDL
15-01-2024	79.6	28.2	18.3	7.5	2.7	4.9	BDL	BDL	BDL	BDL	BDL	BDL
18-01-2024	68.3	30.5	14.3	9.8	2.4	5.2	BDL	BDL	BDL	BDL	BDL	BDL
22-01-2024	84.6	32.0	15.8	9.3	2.5	5.0	BDL	BDL	BDL	BDL	BDL	BDL
25-01-2024	77.6	26.5	17.3	7.3	2.6	4.5	BDL	BDL	BDL	BDL	BDL	BDL
29-01-2024	67.3	27.4	15.6	6.7	2.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL
01-02-2024	76.3	26.5	18.6	8.2	2.3	4.5	BDL	BDL	BDL	BDL	BDL	BDL
05-02-2024	63.7	28.8	15.3	6.4	2.6	4.0	BDL	BDL	BDL	BDL	BDL	BDL
08-02-2024	79.4	29.6	17.7	6.7	2.7	4.2	BDL	BDL	BDL	BDL	BDL	BDL
12-02-2024	83.3	30.4	19.8	8.6	2.9	5.1	BDL	BDL	BDL	BDL	BDL	BDL
15-02-2024	78.6	28.8	18.0	7.4	2.7	4.9	BDL	BDL	BDL	BDL	BDL	BDL
19-02-2024	63.4	28.2	16.6	8	2.1	4.3	BDL	BDL	BDL	BDL	BDL	BDL
22-02-2024	64.2	28.7	15.3	7.5	2.7	5.2	BDL	BDL	BDL	BDL	BDL	BDL
26-02-2024	74.6	26.3	16.3	7	2.8	4.6	BDL	BDL	BDL	BDL	BDL	BDL
29-02-2024	68.3	26.1	15.3	6.8	2.2	4.5	BDL	BDL	BDL	BDL	BDL	BDL
04-03-2024	78.3	26.3	17.7	8.1	2.5	4.4	BDL	BDL	BDL	BDL	BDL	BDL
07-03-2024	66.3	27.2	16.7	6.6	2.8	4.2	BDL	BDL	BDL	BDL	BDL	BDL
11-03-2024	78.7	29.3	17.3	7.2	2.6	4.3	BDL	BDL	BDL	BDL	BDL	BDL
14-03-2024	82.3	32.4	19.6	9.6	2.8	5	BDL	BDL	BDL	BDL	BDL	BDL
18-03-2024	79.6	30.8	17.8	8	2.7	4.9	BDL	BDL	BDL	BDL	BDL	BDL

THE TATA POWER COMPANY LIMITED, MUNDRA

Location	Moti khakkar												
	Date of Sampling	PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	NO <sub>x</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	O <sub>3</sub> µg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	C <sub>6</sub> H <sub>6</sub> µg/m <sup>3</sup>	BaP ng/m <sup>3</sup>	Pb µg/m <sup>3</sup>	As ng/m <sup>3</sup>	Ni ng/m <sup>3</sup>
21-09-2023	55.9	22.2	15.2	10.5	2.5	4.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL
25-09-2023	80.0	36.4	16.4	9.8	3.6	5.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL
28-09-2023	54.6	24.0	13.0	11.8	2.9	4.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL
02-10-2023	78.4	32.5	19.1	12.5	2.7	5.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
05-10-2023	44.8	19.1	17.6	8.9	2.5	4.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL
09-10-2023	67.1	27.9	11.7	10.3	2.2	4.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL
12-10-2023	54.6	22.4	15.2	11.6	3.0	5.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL
16-10-2023	61.4	24.5	16.9	10.3	3.1	4.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL
19-10-2023	78.7	34.9	18.0	11.9	2.8	4.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL
20-10-2023	71.8	25.7	14.6	9.6	2.2	4.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL
23-10-2023	56.9	18.0	16.2	12.0	2.8	4.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL
27-10-2023	80.0	35.8	16.9	9.4	2.9	4.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL
30-10-2023	62.8	33.1	12.5	7.6	2.6	4.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL
02-11-2023	81.5	46.5	17.2	12.1	2.1	5.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
06-11-2023	78.5	42.0	16.2	10.7	2.9	4.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL
09-11-2023	62.6	40.4	16.8	9.7	2.0	4.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
13-11-2023	74.1	43.2	14.7	13.3	2.7	4.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL
16-11-2023	69.6	39.8	15.8	9.0	2.6	4.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL
20-11-2023	82.5	44.5	18.2	12.3	2.4	5.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL
23-11-2023	79.5	40.0	16.4	9.7	2.2	4.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
27-11-2023	64.6	38.4	15.8	10.7	2.3	4.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL
30-11-2023	73.1	42.2	14.9	12.3	2.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL
04-12-2023	70.6	38.8	15.5	9.7	2.7	4.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL
07-12-2023	66.3	38.4	15.7	12.3	2.3	4.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL
11-12-2023	78.6	43.2	14.8	9.7	2.5	4.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL
14-12-2023	85.2	41.8	15.9	13.2	2.9	4.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL
18-12-2023	75.2	34.5	13.5	14.2	2.8	4.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL
21-12-2023	83.5	44.5	17.4	13.1	2.3	5.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL



THE TATA POWER COMPANY LIMITED, MUNDRA

25-12-2023	79.5	41.0	16.5	11.1	2.5	4.5	BDL	BDL	BDL	BDL	BDL	BDL
28-12-2023	63.6	39.2	15.8	9.2	2.3	4.4	BDL	BDL	BDL	BDL	BDL	BDL
01-01-2024	75.1	44.2	14.5	12.3	2.8	4.5	BDL	BDL	BDL	BDL	BDL	BDL
04-01-2024	68.6	37.8	16.8	9.4	2.7	4.2	BDL	BDL	BDL	BDL	BDL	BDL
08-01-2024	76.5	38.2	15.2	10.4	2.5	4.1	BDL	BDL	BDL	BDL	BDL	BDL
11-01-2024	69.6	35.7	16.4	8.9	2.2	4.0	BDL	BDL	BDL	BDL	BDL	BDL
15-01-2024	81.4	41.2	18.3	9.2	2.9	5.2	BDL	BDL	BDL	BDL	BDL	BDL
18-01-2024	73.5	40.6	14.2	10.7	2.0	5.0	BDL	BDL	BDL	BDL	BDL	BDL
22-01-2024	67.3	36.5	11.8	6.7	2.3	4.0	BDL	BDL	BDL	BDL	BDL	BDL
25-01-2024	77.4	36.5	12.6	7.6	2.5	4.3	BDL	BDL	BDL	BDL	BDL	BDL
29-01-2024	60.8	37.7	15.3	6.3	2.5	4.1	BDL	BDL	BDL	BDL	BDL	BDL
01-02-2024	86.2	38.9	16.4	9.3	2.5	4.7	BDL	BDL	BDL	BDL	BDL	BDL
05-02-2024	75.2	36.4	14.6	6.4	2.6	4.8	BDL	BDL	BDL	BDL	BDL	BDL
08-02-2024	81.0	33.3	14.6	7.7	2.7	4.6	BDL	BDL	BDL	BDL	BDL	BDL
12-02-2024	78.3	33.2	16.8	6.4	2.7	4.4	BDL	BDL	BDL	BDL	BDL	BDL
15-02-2024	83.1	34.1	17.9	8.5	2.8	5.2	BDL	BDL	BDL	BDL	BDL	BDL
19-02-2024	75.4	35.2	17.7	8.6	2.4	4.7	BDL	BDL	BDL	BDL	BDL	BDL
22-02-2024	66.5	34.5	11.4	6.4	2.3	4.2	BDL	BDL	BDL	BDL	BDL	BDL
26-02-2024	76.4	35.5	12.6	7.5	2.3	4.6	BDL	BDL	BDL	BDL	BDL	BDL
29-02-2024	60.5	33.7	12.2	6.4	2.4	4.2	BDL	BDL	BDL	BDL	BDL	BDL
04-03-2024	70.2	34.6	17.2	8	2.7	4.6	BDL	BDL	BDL	BDL	BDL	BDL
07-03-2024	73.7	34.4	14.2	7	2.3	5	BDL	BDL	BDL	BDL	BDL	BDL
11-03-2024	65	34.3	15.6	7.4	2.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL
14-03-2024	73.1	32.2	16.5	6.5	2.6	4.4	BDL	BDL	BDL	BDL	BDL	BDL
18-03-2024	63.2	36.3	17.7	8.4	2.7	5	BDL	BDL	BDL	BDL	BDL	BDL

THE TATA POWER COMPANY LIMITED, MUNDRA

Location	Motakandagra												
	Date of Sampling	PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	NO <sub>x</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	O <sub>3</sub> µg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	C <sub>6</sub> H <sub>6</sub> µg/m <sup>3</sup>	BaP ng/m <sup>3</sup>	Pb µg/m <sup>3</sup>	As ng/m <sup>3</sup>	Ni ng/m <sup>3</sup>
21-09-2023	53.4	22.6	17.4	11.9	2.6	5.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL
25-09-2023	39.9	18.1	18.5	9.4	2.9	4.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL
28-09-2023	72.1	33.0	12.5	12.5	2.7	5.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
02-10-2023	57.0	24.0	17.9	11.0	2.8	4.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL
05-10-2023	60.4	24.0	19.6	9.7	2.5	4.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL
09-10-2023	67.5	26.7	17.3	7.9	2.7	4.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL
12-10-2023	50.8	22.3	13.1	9.3	2.5	4.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
16-10-2023	76.3	32.5	16.1	10.1	3.0	4.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL
19-10-2023	53.8	23.1	16.6	11.3	2.4	4.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL
20-10-2023	87.0	31.4	15.9	10.4	2.4	4.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL
23-10-2023	68.3	25.6	15.5	13.7	2.6	4.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL
27-10-2023	57.2	33.8	14.6	9.5	3.0	4.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
30-10-2023	74.5	28.0	16.3	11.1	2.8	5.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL
02-11-2023	67.2	39.0	11.6	8.3	2.6	4.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL
06-11-2023	75.4	37.5	12.4	6.9	2.1	4.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL
09-11-2023	59.2	36.4	16.5	5.9	2.5	4.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL
13-11-2023	84.2	38.5	14.7	9.5	2.4	4.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
16-11-2023	75.2	36.9	13.6	5.2	2.8	5.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL
20-11-2023	68.2	39.6	12.2	7.7	2.4	4.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL
23-11-2023	76.4	38.5	13.4	6.4	2.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL
27-11-2023	60.2	36.6	15.5	6.4	2.2	4.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL
30-11-2023	85.2	37.5	14.2	10.2	2.6	4.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL
04-12-2023	77.2	35.9	12.6	6.6	2.7	5.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
07-12-2023	83.2	39.5	15.7	9.3	2.5	4.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL
11-12-2023	75.2	35.9	12.6	4.8	2.9	5.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
14-12-2023	83.2	39.2	15.7	9.2	2.3	4.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL
18-12-2023	78.4	41.2	12.3	8.9	2.4	4.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL
21-12-2023	66.2	37.0	12.8	7.9	2.5	4.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL



THE TATA POWER COMPANY LIMITED, MUNDRA

25-12-2023	76.4	35.5	12.0	7.2	2.3	4.6	BDL	BDL	BDL	BDL	BDL	BDL
28-12-2023	60.2	36.7	16.3	6.2	2.4	4.2	BDL	BDL	BDL	BDL	BDL	BDL
01-01-2024	85.2	38.8	15.4	9.8	2.7	4.6	BDL	BDL	BDL	BDL	BDL	BDL
04-01-2024	77.2	37.4	14.3	6.2	2.7	5.0	BDL	BDL	BDL	BDL	BDL	BDL
08-01-2024	80.0	32.3	14.7	7.5	2.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL
11-01-2024	79.3	34.2	16.8	6.6	2.6	4.4	BDL	BDL	BDL	BDL	BDL	BDL
15-01-2024	82.1	33.1	16.9	8.8	2.7	5.0	BDL	BDL	BDL	BDL	BDL	BDL
18-01-2024	74.2	27.4	16.2	9.8	2.9	5.4	BDL	BDL	BDL	BDL	BDL	BDL
22-01-2024	68.2	37.6	13.8	7.5	2.7	4.0	BDL	BDL	BDL	BDL	BDL	BDL
25-01-2024	76.5	36.5	12.4	7.3	2.4	4.4	BDL	BDL	BDL	BDL	BDL	BDL
29-01-2024	62.2	37.7	16.5	6.4	2.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL
01-02-2024	86.2	38.9	17.4	9.9	2.8	4.5	BDL	BDL	BDL	BDL	BDL	BDL
05-02-2024	78.2	36.4	14.5	6.3	2.6	4.6	BDL	BDL	BDL	BDL	BDL	BDL
08-02-2024	81.0	32.5	15.4	7.6	2.7	4.5	BDL	BDL	BDL	BDL	BDL	BDL
12-02-2024	78.3	33.2	16.4	6.9	2.7	4.5	BDL	BDL	BDL	BDL	BDL	BDL
15-02-2024	82.1	35.1	17.3	8.4	2.8	5.1	BDL	BDL	BDL	BDL	BDL	BDL
19-02-2024	67.4	33.2	15.2	8.9	2.4	4.5	BDL	BDL	BDL	BDL	BDL	BDL
22-02-2024	60.2	28.6	13.8	7.3	2.5	4.2	BDL	BDL	BDL	BDL	BDL	BDL
26-02-2024	58.4	32.5	14.4	7.5	2.3	4.6	BDL	BDL	BDL	BDL	BDL	BDL
29-02-2024	64.2	33.7	16.5	6.9	2.4	4.2	BDL	BDL	BDL	BDL	BDL	BDL
04-03-2024	57.2	27.5	15.5	8.7	2.7	4.6	BDL	BDL	BDL	BDL	BDL	BDL
07-03-2024	66.2	33.2	14.4	6.8	2.6	5	BDL	BDL	BDL	BDL	BDL	BDL
11-03-2024	62.3	37.5	17.3	7.9	2.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL
14-03-2024	56.3	32.2	15.4	6.4	2.6	4.4	BDL	BDL	BDL	BDL	BDL	BDL
18-03-2024	61.7	35.8	17	8.3	2.2	5	BDL	BDL	BDL	BDL	BDL	BDL

THE TATA POWER COMPANY LIMITED, MUNDRA

Location	Tragadi Village												
	Date of Sampling	PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	NO <sub>x</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	O <sub>3</sub> µg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	C <sub>6</sub> H <sub>6</sub> µg/m <sup>3</sup>	BaP ng/m <sup>3</sup>	Pb µg/m <sup>3</sup>	As ng/m <sup>3</sup>	Ni ng/m <sup>3</sup>
21-09-2023	53.1	23.6	16.2	12.0	2.5	4.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL
25-09-2023	49.0	19.1	15.7	11.0	2.6	4.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
28-09-2023	61.1	25.5	18.4	9.1	2.8	4.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL
02-10-2023	59.8	26.5	19.5	11.7	2.6	4.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL
05-10-2023	67.3	28.5	18.4	12.9	2.9	4.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL
09-10-2023	57.5	25.1	13.4	11.1	2.5	4.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL
12-10-2023	74.6	31.8	17.1	12.5	3.1	4.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL
16-10-2023	65.3	26.3	15.2	9.1	2.5	4.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL
19-10-2023	49.5	21.8	16.8	10.3	2.3	4.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL
20-10-2023	58.6	30.2	14.0	11.9	2.7	4.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL
23-10-2023	61.1	23.3	18.2	11.0	2.4	4.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL
27-10-2023	68.3	34.1	16.2	9.4	2.5	4.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL
30-10-2023	75.2	33.6	12.3	9.2	2.8	4.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL
02-11-2023	82.8	29.0	18.6	10.3	2.4	5.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL
06-11-2023	65.6	27.5	15.9	8.9	2.9	4.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
09-11-2023	88.7	26.4	12.6	7.9	3.0	5.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL
13-11-2023	65.2	28.5	16.9	11.5	2.5	4.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL
16-11-2023	77.9	26.9	14.5	7.2	2.7	4.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL
20-11-2023	83.5	29.3	18.2	10.2	3.2	5.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL
23-11-2023	66.3	26.5	15.6	9.2	2.8	4.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL
27-11-2023	87.7	27.4	11.6	8.3	3.3	5.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL
30-11-2023	66.2	28.2	15.9	12.5	2.7	4.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL
04-12-2023	78.9	27.9	13.5	6.9	2.6	4.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL
07-12-2023	76.3	27.3	13.6	7.4	3.2	5.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
11-12-2023	68.4	25.8	14.9	10.5	2.7	4.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL
14-12-2023	79.2	28.3	15.5	7.0	2.8	4.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL
18-12-2023	69.5	36.8	14.7	14.2	2.2	4.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL
21-12-2023	83.4	29.4	17.6	11.3	2.8	5.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL



THE TATA POWER COMPANY LIMITED, MUNDRA

25-12-2023	67.6	27.8	14.8	8.3	2.5	4.0	BDL	BDL	BDL	BDL	BDL	BDL
28-12-2023	89.5	25.4	13.6	7.8	3.3	5.5	BDL	BDL	BDL	BDL	BDL	BDL
01-01-2024	66.2	27.5	17.3	12.2	2.8	4.6	BDL	BDL	BDL	BDL	BDL	BDL
04-01-2024	79.9	27.9	15.4	7.3	2.6	4.5	BDL	BDL	BDL	BDL	BDL	BDL
08-01-2024	75.3	26.5	15.8	8.9	2.3	4.0	BDL	BDL	BDL	BDL	BDL	BDL
11-01-2024	80.3	27.8	18.2	10.4	2.8	5.0	BDL	BDL	BDL	BDL	BDL	BDL
15-01-2024	76.4	27.2	16.4	9.2	2.5	4.4	BDL	BDL	BDL	BDL	BDL	BDL
18-01-2024	74.2	30.2	19.2	10.2	2.7	4.1	BDL	BDL	BDL	BDL	BDL	BDL
22-01-2024	84.4	30.4	18.6	12.3	2.9	5.2	BDL	BDL	BDL	BDL	BDL	BDL
25-01-2024	69.6	26.8	14.3	7.4	2.2	3.9	BDL	BDL	BDL	BDL	BDL	BDL
29-01-2024	88.5	27.4	17.4	7.5	3.4	5.4	BDL	BDL	BDL	BDL	BDL	BDL
01-02-2024	67.2	25.5	16.3	12.4	2.5	4.3	BDL	BDL	BDL	BDL	BDL	BDL
05-02-2024	76.9	28.9	14.2	7.3	2.6	4.5	BDL	BDL	BDL	BDL	BDL	BDL
08-02-2024	77.3	27.5	16.2	8.5	2.4	4.2	BDL	BDL	BDL	BDL	BDL	BDL
12-02-2024	81.3	29.8	18.4	11.4	2.6	5.1	BDL	BDL	BDL	BDL	BDL	BDL
15-02-2024	78.4	28.2	17.2	7.2	2.5	4.2	BDL	BDL	BDL	BDL	BDL	BDL
19-02-2024	72.4	28.8	16.7	8.8	2.4	4.4	BDL	BDL	BDL	BDL	BDL	BDL
22-02-2024	52.2	26.7	18.3	12.7	2.8	5.1	BDL	BDL	BDL	BDL	BDL	BDL
26-02-2024	50.1	26.5	14.2	7.8	2.5	4	BDL	BDL	BDL	BDL	BDL	BDL
29-02-2024	46.5	23.4	13.8	7.9	3.3	5.5	BDL	BDL	BDL	BDL	BDL	BDL
04-03-2024	54.5	25.3	14	12.2	2.8	4.6	BDL	BDL	BDL	BDL	BDL	BDL
07-03-2024	50.4	26.7	14.5	7.7	2.6	4.5	BDL	BDL	BDL	BDL	BDL	BDL
11-03-2024	49.4	23.3	12.8	8	2.3	4	BDL	BDL	BDL	BDL	BDL	BDL
14-03-2024	53	26.5	18.6	10.4	2.8	5	BDL	BDL	BDL	BDL	BDL	BDL
18-03-2024	50.4	26.2	17.1	7.7	2.5	4.4	BDL	BDL	BDL	BDL	BDL	BDL

THE TATA POWER COMPANY LIMITED, MUNDRA

Location	Nanabhadia												
	Date of Sampling	PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	NO <sub>x</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	O <sub>3</sub> µg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	C <sub>6</sub> H <sub>6</sub> µg/m <sup>3</sup>	BaP ng/m <sup>3</sup>	Pb µg/m <sup>3</sup>	As ng/m <sup>3</sup>	Ni ng/m <sup>3</sup>
21-09-2023	55.9	25.0	15.6	11.0	2.5	4.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL
25-09-2023	50.8	20.8	18.8	9.2	2.3	4.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL
28-09-2023	46.1	21.4	16.4	10.1	2.8	5.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL
02-10-2023	59.8	26.2	18.3	9.0	2.6	4.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL
05-10-2023	67.4	29.2	16.4	12.5	2.1	4.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL
09-10-2023	62.7	27.0	15.8	8.8	2.8	5.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
12-10-2023	57.2	23.7	14.4	11.4	2.6	4.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL
16-10-2023	53.6	21.9	12.6	9.8	2.5	4.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
19-10-2023	74.1	31.6	14.1	10.4	2.1	4.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL
20-10-2023	67.2	36.7	13.0	11.2	2.6	4.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
23-10-2023	52.7	28.2	16.9	12.9	2.3	5.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
27-10-2023	76.2	24.4	13.9	10.3	2.4	5.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL
30-10-2023	72.6	31.0	16.8	8.3	2.8	4.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL
02-11-2023	53.7	38.0	16.2	11.0	2.0	4.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL
06-11-2023	69.2	36.5	14.2	12.9	2.8	4.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL
09-11-2023	87.7	35.4	16.8	11.9	2.6	5.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
13-11-2023	81.4	37.5	13.7	12.5	2.4	4.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL
16-11-2023	73.5	35.9	18.9	11.2	2.3	4.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL
20-11-2023	54.2	37.8	15.2	10.5	2.4	4.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL
23-11-2023	68.7	35.5	15.7	12.5	2.5	4.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL
27-11-2023	87.8	36.4	17.8	12.9	2.7	5.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL
30-11-2023	80.4	38.2	14.7	11.5	2.3	4.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL
04-12-2023	74.5	34.9	17.9	10.2	2.4	4.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL
07-12-2023	88.5	34.4	18.2	12.3	2.5	5.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL
11-12-2023	82.4	36.5	12.7	11.7	2.7	4.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL
14-12-2023	74.5	36.9	18.3	11.3	2.6	4.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL
18-12-2023	69.8	32.2	17.6	12.6	2.0	4.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL
21-12-2023	52.7	36.0	15.2	10.7	2.3	4.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL





THE TATA POWER COMPANY LIMITED, MUNDRA

25-12-2023	70.2	35.5	14.8	11.9	2.5	4.6	BDL	BDL	BDL	BDL	BDL	BDL
28-12-2023	88.7	36.4	16.5	12.3	2.4	5.0	BDL	BDL	BDL	BDL	BDL	BDL
01-01-2024	83.4	37.2	14.7	12.2	2.5	4.7	BDL	BDL	BDL	BDL	BDL	BDL
04-01-2024	75.5	34.9	17.5	12.6	2.4	4.6	BDL	BDL	BDL	BDL	BDL	BDL
08-01-2024	56.3	33.7	15.0	10.2	2.2	4.0	BDL	BDL	BDL	BDL	BDL	BDL
11-01-2024	78.4	35.2	14.6	12.2	2.6	4.2	BDL	BDL	BDL	BDL	BDL	BDL
15-01-2024	80.3	34.2	16.1	12.7	2.9	4.7	BDL	BDL	BDL	BDL	BDL	BDL
18-01-2024	76.1	29.5	14.2	11.2	2.7	5.1	BDL	BDL	BDL	BDL	BDL	BDL
22-01-2024	55.7	38.5	16.2	10.9	2.4	4.3	BDL	BDL	BDL	BDL	BDL	BDL
25-01-2024	71.2	36.5	15.4	11.4	2.3	4.3	BDL	BDL	BDL	BDL	BDL	BDL
29-01-2024	87.7	37.4	16.8	12.5	2.8	5.1	BDL	BDL	BDL	BDL	BDL	BDL
01-02-2024	84.4	37.0	14.3	12.0	2.6	4.6	BDL	BDL	BDL	BDL	BDL	BDL
05-02-2024	75.5	33.9	15.5	12.3	2.5	4.3	BDL	BDL	BDL	BDL	BDL	BDL
08-02-2024	57.3	34.7	15.4	10.5	2.3	4.0	BDL	BDL	BDL	BDL	BDL	BDL
12-02-2024	77.4	33.2	14.6	12.5	2.8	4.3	BDL	BDL	BDL	BDL	BDL	BDL
15-02-2024	81.3	35.2	16.7	12.7	2.6	4.2	BDL	BDL	BDL	BDL	BDL	BDL
19-02-2024	62	27.1	15.2	8.6	2.1	4.5	BDL	BDL	BDL	BDL	BDL	BDL
22-02-2024	49.2	28.5	13.2	9.4	2.3	4.4	BDL	BDL	BDL	BDL	BDL	BDL
26-02-2024	68.2	25.5	12.4	8.2	2.5	4.6	BDL	BDL	BDL	BDL	BDL	BDL
29-02-2024	54.5	27.4	13.4	8.6	2.4	4	BDL	BDL	BDL	BDL	BDL	BDL
04-03-2024	48.4	22.5	12.8	11.6	2.5	4.7	BDL	BDL	BDL	BDL	BDL	BDL
07-03-2024	45.1	20.4	12.3	8.5	2.4	4.4	BDL	BDL	BDL	BDL	BDL	BDL
11-03-2024	55.3	24.7	14.4	9.5	2.2	4	BDL	BDL	BDL	BDL	BDL	BDL
14-03-2024	53.4	27.2	14.3	10.5	2.6	4.2	BDL	BDL	BDL	BDL	BDL	BDL
18-03-2024	56.4	28.7	16.1	11.7	2.9	4.7	BDL	BDL	BDL	BDL	BDL	BDL