

**Half Yearly Compliance Report  
2025  
01 Dec(01 Apr - 30 Sep)**

**Acknowledgement**

<b>Proposal Name</b>	MANGROL-VALIA LIGNITE MINE		
<b>Name of Entity / Corporate Office</b>	AJAY GUPTA		
<b>Village(s)</b>	N/A		
<b>District</b>	SURAT		
<b>Proposal No.</b>	A/GJ/CMIN/8809/2001	<b>Category</b>	Coal Mining
<b>Plot / Survey / Khasra No.</b>	N/A	<b>Sub-District</b>	N/A
<b>State</b>	GUJARAT	<b>Entity's PAN</b>	*****EQUIRED
<b>MoEF File No.</b>	J-11015/38/99-IA.II(M)	<b>Entity name as per PAN</b>	GUJARAT INDUSTRIES POWER COMPANY LIMITED

**Compliance Reporting Details**

**Reporting Year** 2025  
**Remarks (if any)**  
**Reporting Period** 01 Dec(01 Apr - 30 Sep)

**Details of Production and Project Area**

**Name of Entity / Corporate Office** AJAY GUPTA

	<b>Project Area as per EC Granted</b>	<b>Actual Project Area in Possession</b>
Private	1953.34	1163.48
Revenue Land	23.5393	5.68
Forest	4.8	0
Others	78.001	0
<b>Total</b>	<b>2059.6803</b>	<b>1169.16</b>

**Production Capacity**

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	LIGNITE	Million Tons per Annum (MTPA)	31/03/2030	4.2	2.974785510	AWH-142560

**Conditions**

**Specific Conditions**

Sr.No.	Condition Type	Condition Details
1	WASTE MANAGEMENT	Top Soil Should be stacked properly with proper slope at earmarked site (s) with adequate measure and should be used for reclamation and rehabilitation of mined out area.
<b>PPs Submission:</b> Complied Topsoil comprises of black cotton soil and being stacked separately with proper slope with adequate measure. Separate dump is earmarked.		Date: 15/10/2025
2	WASTE MANAGEMENT	OB dumps of 204 ha in Mangrol Block and 107 ha of valia Block would be made. OB should be stacked at earmarked dumpsite only. The total height of the dumps should not exceed 50 m in two stages of 25 m each. The overall slope should not exceed 28 degree. A stone masonry retaining wall will be constructed along the toe of the dump. Concurrent backfilling should be start from the 6th year. Monitoring and Management of rehabilitated areas should be submitted to the Ministry of Environment and Forest and its Regional office located at Bhopal on years basis.
<b>PPs Submission:</b> Complied In Mangrol block the overburden dumping has been done on the non-mineral bearing area. The Overburden dump outside will be used for filling the void created during the mining of lignite as per approved mine plan in due course. The height of the dump is max 47 meters from the ground level and the overall slope is 16 degrees. Whereas in Valia block Overburden was dumped on the mineral bearing area, which is being re handled and being used for backfilling the void created during mining in, as per approved mining plan. The height of the dump is max 32 meters from ground level and overall slope is 16 degrees.		Date: 15/10/2025
3	MISCELLANEOUS	Catch drains and siltation ponds appropriate site should be constructed to arrest silt and sediment flows from soil. OB and minerals dumps. The water so collected should be utilized for watering the mine area, roads green belt development, etc. The drains should be regularly desilted and maintained properly. Garland drains (size, gradient and length) and sump capacity should be designed keeping 50 percent safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mines site. Sump capacity should also provide adequate retention period to allow proper settling of silt material.
<b>PPs Submission:</b> Complied In Mangrol Block Catch Drain of around 4500 mtrs length x 4 mtr wide and siltation ponds (4 Nos. each of size 30 x 70 x 3.5 m3) and in Valia Block suitable drains along with 3 nos of siltation ponds admeasuring around 30X20X3 m3 have been constructed so as not to allow flow of debris, silt and sediment into the drainage channels. Collected water is used for plantation and water sprinkling. Garland Drain has been constructed for mine pit waste dumps which are de-silted and properly maintained. The Garland drain of suitable size has been constructed in and around the quarry area and the external dump with proper gradient to prevent the rain water entry into the active mine area. Sump capacity in Mangrol block 325000 M3 and in Valia block 650000 M3 has been designed considering Maximum rainfall and catchment area.		Date: 15/10/2025
4	MINING PLAN	Dimension of retaining wall at the toe of dumps and OB benches toe of the mine to check runoff and siltation should be based on the rainfall data.
<b>PPs Submission:</b> Complied The suitable retaining wall by using stones has been made considering the rainfall data.		Date: 15/10/2025
5	GREENBELT	All efforts should be ,made by the project proponent to exclude acquisition of 25 Ha of grazing land, if not found feasible, extra land should acquired in non mineralized area for development of an

		alternate grazing ground.
<b>PPs Submission:</b> Complied Suitable alternate (5.68 Ha) land in non-mineralized area has been provided for development of an alternate grazing ground before acquiring the grazing land.		<b>Date:</b> 15/10/2025
6	MINING PLAN	A detailed mine commissioning plan should be submitted to the Ministry of Environment and forest 5 years in advance of approval.
<b>PPs Submission:</b> Complied Mining Plan approved by Ministry of coal has been submitted.		<b>Date:</b> 15/10/2025
7	WATER QUALITY MONITORING AND PRESERVATION	Regular Monitoring of Ground water level and quality should be carried out by establishing a network of existing wells and construction of new piezometers. The monitoring should be done four times a year in pre monsoon (may). Monsoon (August) post monsoon (November) and winter (January) season. Data thus collected should be submitted to the Ministry of Environment and Forests and the Central Ground Water Board Ahmadabad quarterly within 1 month monitoring.
<b>PPs Submission:</b> Complied Ground water level monitoring is being carried out through piezometer installed in Mangrol Valia block. Ground water quality monitoring is being carried out by M/s Eco system Environment. (annexure II)		<b>Date:</b> 15/10/2025
8	WATER QUALITY MONITORING AND PRESERVATION	Project authorities should furnish ground water resource estimation either block or buffer zone wise and also assess impact on ground water regime accordingly and submit report Ground water resources estimation report submitted MOEF CGWA, Delhi, within six months.
<b>PPs Submission:</b> Complied M/s M.G. Science institute Ahmadabad, carried out the initial survey of Ground water level and has submitted their report.		<b>Date:</b> 15/10/2025
9	WATER QUALITY MONITORING AND PRESERVATION	The project authorities should meet water requirement of nearby village(s) in case the villages wells go dry due to dewatering of the mine
<b>PPs Submission:</b> Complied Till date there is no case of wells going dry in the nearby villages, due to mining activities. In future if this happens, we will meet the water requirement of the nearby villages.		<b>Date:</b> 15/10/2025
10	WATER QUALITY MONITORING AND PRESERVATION	Sewage Treatment Plant should be installed for the colony. ETP should also be provided for workshop and CHP wastewater.
<b>PPs Submission:</b> Complied STP is installed in the colony (common for plants and Mines). The STP is used for Plantation.		<b>Date:</b> 15/10/2025
11	MISCELLANEOUS	Digital processing of the entire lease area using remote sensing techniques should be done regularly once in 3 years for monitoring land use pattern and report submitted to MOEF and its Regional Office Bhopal.
<b>PPs Submission:</b> Complied We have carried out Digital processing of the entire lease area using remote sensing techniques through Diksha Mining Consultant to collect the data in the year 2024-25. The report is being		<b>Date:</b> 15/10/2025

attached on Parivesh portal. The Land use pattern is monitored using remote sensing regularly once in 3 years and the report is submitted to the regional office MOEF and CC Gandhinagar. The next digital processing is due in the year 2027-28.

12	GREENBELT	Efforts will be made to exclude acquisitions of 25 ha Grazing Land. If Found feasible extra land will be acquired in non mineralized area for development of an alternate grazing land.
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13	GREENBELT	A Green belt of adequate width should be raised for suppression of dust by planting the native plant species around ML area, along ML boundary, roads, OB dumps sites, etc. in consultation with the local DFO / Agriculture Department. The density of the trees should be around 2500 plants per ha. At the end of 20th year, plantation should cover a) Backed fill area 1038.16 Ha b) External OB dumps 311 Ha c) 50 Ha of topsoil dump, and 328.84 Ha green belt.
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<p><b>PPs Submission:</b> Complied We are implementing the program of plantation through M/s DEEP Trust (an NGO promoted by GIPCL.) and Forest Department. Till date, in Mangrol block, 47591 trees have been planted in 27.5 Hec areas where as in Valia Block, 153509 trees have been planted in 95.5 hec area. Thus, total greenbelt development on 123.4 Hectares of peripheral mining lease area comprising of 201100 no. trees have been developed. (annexure-I)</p>	Date: 15/10/2025
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**General Conditions**

Sr.No.	Condition Type	Condition Details
1	MINING PLAN	No change in mining technology and Scope of working should be made without prior approval of the Ministry of Environment and Forests.

<p><b>PPs Submission:</b> Complied In case of any change, we will intimate and take necessary approval from MOEF.</p>	Date: 15/10/2025
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2	MINING PLAN	No change in the calendar plan including excavation, quantum of mineral, coal and waste should be made.
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<p><b>PPs Submission:</b> Complied Will be done as per approved Mining Plan.</p>	Date: 15/10/2025
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3	AIR QUALITY MONITORING AND PRESERVATION	Four Ambient air quality monitoring station should be establish In the core zone as well as in the buffer zone for RPM, SPM, SO2, NOx and CO monitoring. Location of the station should be decided based on the meteorological data, topographical feature and ecology sensivity targets in consultation with the Gujarat State Pollution Control Board.
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<p><b>PPs Submission:</b> Complied Complied. Regular air quality monitoring is being carried out by M/s Ecochem, Surat as per the guidelines of GPCB.</p>	Date: 15/10/2025
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4	AIR QUALITY MONITORING AND PRESERVATION	Data on ambient air quality (RPM, SPM, SO2, NOx and CO) should be regularly submitted to the Ministry including its Regional Office at Bhopal and the Gujarat State Pollution Control Board and the Central Pollution Control/ Board.
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<p><b>PPs Submission:</b> Complied</p>	Date:
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The data on the ambient air quality is regularly submitted to the regional office MOEF, Gandhinagar and the Gujarat State Pollution Control Board.		15/10/2025
5	MISCELLANEOUS	Drill Should be wet operated or with dust extractors and controlled Blasting Should be practiced.
<b>PPs Submission:</b> Complied Drilling - Blasting is not practiced at our mine and hence the condition is not applicable.		Date: 15/10/2025
6	AIR QUALITY MONITORING AND PRESERVATION	Fugitive dust emissions from all the sources should be controlled regularly monitored and data recorded properly. Water spraying arrangement on haul roads, wagon loading dump trucks (loading and unloading) points should be provided and properly maintained.
<b>PPs Submission:</b> Complied Dust emission at the faces, haul roads and loading/unloading points are controlled by the effective water sprinkling system. We use total 4 Nos of water sprinklers capacity of 24 KL. The dust emission is regularly monitored by portal to portal and static monitoring system and the record is maintained properly.		Date: 15/10/2025
7	Noise Monitoring & Prevention	Adequate measure should be taken for control of noise level below 85 dBA in the work environment. Workers engaged in blasting and drilling operation, operations of HEMM, etc Should be provided with ear plug/muffs.
<b>PPs Submission:</b> Complied Adequate measure has been taken to control the work noise level within stipulated limit Some of the measures are Mining equipment is provided with Noise proof cabins. Regular maintenance of noise generating machinery. Development of green belt along the roads. Workmen engaged in HEMM operations are provided with ear plugs/muffs.		Date: 15/10/2025
8	WASTE MANAGEMENT	Industrial waste (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standard prescribe under GSR 422 (E) dated 19th May 1933 and 31st December 1993 or as amended from time to time. Oil and grease trap should be installed before discharge of workshop effluents.
<b>PPs Submission:</b> Complied No waste from the mine is discharged outside. Used oil quantity to the tune of about 1200 ltr in the calendar year and discarded container quantity of 06 no's given to the registered refiners/ recyclers.		Date: 15/10/2025
9	AIR QUALITY MONITORING AND PRESERVATION	Vehicular emissions should be kept under control and regularly monitored.
<b>PPs Submission:</b> Complied All vehicles in the mine have been checked and pollution under control Certificates has been taken by Govt authorized Vendor.		Date: 15/10/2025
10	WATER QUALITY MONITORING AND PRESERVATION	Acid mine water, if any, has to be treated and disposed of after conforming to the standard prescribe by the competent authority.
<b>PPs Submission:</b> Complied No mine water has been allowed to become acidic. However, if so, needed water will be treated to keep it under prescribed limit of the GPCB.		Date: 15/10/2025
11	MISCELLANEOUS	Environmental laboratory should be established with adequate number and type of pollution monitoring and analysis equipment in

		consultation with the Gujarat State Pollution Control Board.
<b>PPs Submission:</b> Complied Environmental laboratory has been established having following pollution monitoring and analysis equipment's. a) Noise level monitoring dosimeter b) Digital lux meter c) High volume Dust sampler d) PDS (CIP 10) e) Weight Balance (L.C. mg) etc.		Date: 15/10/2025
12	Human Health Environment	Person working in dusty areas should wear protective respiratory devises and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillane program of the worker should be under taken periodically to observe any contraction due to exposure to dust and take corrective measure if needed.
<b>PPs Submission:</b> Complied Dust mask has been provided to all workmen working in the dusty areas and the necessary training has been imparted at our Vocational training center. Periodical Occupational health checkup in connection to dust related disease, is undertaken periodically as per the Mines rule - 1955 (Annexure III)		Date: 15/10/2025
13	MISCELLANEOUS	A separate Environmental Management Cell with suitable qualified personnel should be set up under the controller of Senior Executive, who will report directly to the Head of the company.
<b>PPs Submission:</b> Complied Environment Management cell has been set up.		Date: 15/10/2025
14	MISCELLANEOUS	The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other propose. Year wise expenditure should be reported to the Ministry and its Regional Office located at Bhopal.
<b>PPs Submission:</b> Complied Separate financial provisions for environmental protection allocated in every year annual budget the year wise expenditure is also reported to the MOEF Regional office vide our half yearly report.		Date: 15/10/2025
<b>Visit Remarks</b>		
<b>Last Site Visit Report Date:</b>		20/03/2020
<b>Additional Remarks:</b>		
<p style="text-align: center;"><b>Note:</b> This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.</p>		