

**Half Yearly Compliance Report
2025
01 Jun(01 Oct - 31 Mar)**

Acknowledgement

Proposal Name	Kakatiya Khani-5 (KTK-5) Incline Underground Coal Mine Expansion Project.		
Name of Entity / Corporate Office	Shri.G.Venkateswara Reddy		
Village(s)	N/A		
District	JAYASHANKAR❖BHUPALAPALLY		
Proposal No.	lr.no.J-11015/312/2007-IA.II(M)	Category	Coal Mining
Plot / Survey / Khasra No.	N/A	Sub-District	N/A
State	TELANGANA	Entity's PAN	*****EQUIRED
MoEF File No.	lr.no.J-11015/312/2007-IA.II(M)	Entity name as per PAN	THE SINGARENI COLLIERIES COMPANY LIMITED

Compliance Reporting Details

Reporting Year 2025

Remarks (if any) Compliance of HYMR of Kakatiya Khani-5(KTK - 5) Incline Coal Mine Expansion Project from 1st October, 2024 to 31st March, 2025.

Reporting Period 01 Jun(01 Oct - 31 Mar)

Details of Production and Project Area

Name of Entity / Corporate Office Shri.G.Venkateswara Reddy

	Project Area as per EC Granted	Actual Project Area in Possession
Private	34.09	34.09
Revenue Land	0	0
Forest	144	144
Others	138.56	138.56
Total	316.65	316.65

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Coal	Million Tons per Annum (MTPA)	30/06/2025	0.6	0.208	0.6
2	Coal	Million Tons per Annum (MTPA)	30/06/2025	0.6	0.199	0.6
3	Coal	Million Tons per Annum (MTPA)	30/06/2025	0.6	0.199	0.6
4	Coal	Million Tons per Annum (MTPA)	30/06/2025	0.6	0.199	0.6

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	Statutory compliance	I) Sufficient coal Pillars shall be un extracted around the Airshaft (within the subsidence influence area) to protect from any damage from subsidence, if any.
PPs Submission: Being Complied Sufficient coal pillars were left un-extracted around the Air shaft and no depillaring operations nearby. Plan enclosed as Annexure-XV		Date: 26/05/2025
2	Statutory compliance	II) Solid barriers shall be left below the roads falling within the blocks to avoid any damage to the road
PPs Submission: Being Complied Solid barrier of thickness of 45 m left below the public Road. Plan enclosed as Annexure-XV		Date: 26/05/2025
3	Statutory compliance	III) Depression due to subsidence resulting in water accumulating within the low lying areas shall be filled up or drained out by cutting drains
PPs Submission: Being Complied So far 2 nos. of panels depillared by caving method and 0.95m subsidence recorded. All low lying areas were filled with suitable material. Garland drains were made around the depillaring panel before extraction. Subsidence survey is being conducted on monthly basis to ascertain the ground movement.		Date: 26/05/2025
4	Risk Mitigation and Disaster Management	IV) While extracting the panels in the lower seam, all the water bodies in the subsidence area shall be drained. Dewatering of old goaf's of the upper seams shall be continued as long as the lower seam is worked to prevent the accumulation of large water bodies over working area.
PPs Submission: Being Complied		Date:

No goaf exist in the upper seams. However, before commencement of extraction of panels, all the water bodies in the subsidence area if any, are being de-watered and arrangements are made to pump out continuously to ensure free of water and all precautions under the provisions of Regulations 149 and 150 of Coal Mines Regulation, 2017 are being taken.		26/05/2025
5	Risk Mitigation and Disaster Management	V) Regular monitoring of subsidence movement on the surface over and around the working area and impact on natural drainage pattern, water bodies, vegetation, structure, roads and surroundings should be continued till movement ceases completely in case of observation of any high rate of subsidence movement , appropriate effective corrective measures should be taken to avoid the loss of life and material. Cracks should be effectively plugged with ballast and clayey soil/suitable material.
PPs Submission: Being Complied Subsidence survey is being carried out during extraction of the caving panel once in every month till the life of the panel and after completion of extraction of the panel. The system, frequency and recording of observations is being carried out as per the provisions DGMS Technical circular No.4 of 1988. So far 2 nos. of panels depillared by caving method and 0.95m subsidence recorded. Cracks are effectively plugged with ballast and OB material.		Date: 26/05/2025
6	AIR QUALITY MONITORING AND PRESERVATION	VII) Crushers at the CHP should be operated with high efficiency bag filters, water sprinkling system should be provided to check fugitive emissions from crushing operations, conveyor system , haulage roads, and transfer points, etc.,
PPs Submission: Complied Not Applicable. No crusher and CHP is provided on the surface of the mine. The blasted coal in the underground is of good fragmentation which is loaded into tubs by the SDL and brought to the surface from where some part is transported to consumers by road and some part is transported to nearby KTHP for utilization. However, to arrest the fugitive emissions water spraying is being carried out in the underground faces before drilling and after blasting. Water spraying is being carried out at the surface bunkers and on the unpaved roads on the surface. All the coal transportation roads and permanent internal roads on the surface of the mine area are black topped.		Date: 26/05/2025
7	AIR QUALITY MONITORING AND PRESERVATION	VIII) Drills should be wet operated
PPs Submission: Being Complied Not applicable . As per the provisions of Regulation No.143 of CMR-2017 water spraying is being done in the underground working face before drilling and after blasting to avoid the dust generation in the working places.		Date: 26/05/2025
8	GREENBELT	IX) A progressive afforestation plan shall be prepared and implemented for the undistributed area and shall include area brought under greenbelt development, areas along the roads , infrastructure, over surface where mining is being done below , along ML boundary an town ship outside the lease area , etc., by planting native species in consultation with the local DFO/Agriculture Department. The density of the trees should be around 2500 plants per Ha.
PPs Submission: Being Complied Total Project area is 316.65 Ha. A progressive a forestation plan has been prepared and envisaged in the EIA/EMP.As on date plantation in 117 Ha was completed in the mine take area in the year 2013, forest mining lease area 144 Ha. That there was no land available for further plantation at KTK-5 Incline.		Date: 26/05/2025
9	Statutory compliance	X) Conservation plan for endangered species found in and

		around the project area shall be formulated in consultation with the State Forest and Wild life departments.
PPs Submission: Complied There are no endangered species found in core and buffer zone of the project area. However, a Wildlife Conservation Mitigation Plan for Schedule I species will be formulated and implemented if required.		Date: 26/05/2025
10	WATER QUALITY MONITORING AND PRESERVATION	XI) Regular monitoring of ground water level and quality should be carried out by establishing a network of existing wells and construction of new peziometers. The monitoring for quantity shall be done four times a year in pre-monsoon (May), monsoon (August), post-monsoon (November) and winter (January) seasons and for quality in May. Data thus collected shall be submitted to the Ministry of Environment & Forests and to the Control Pollution Board quarterly within one month of monitoring. Conservation plan for endangered species found in and around the project area shall be formulated in consultation with the State Forest and Wild life departments.
PPs Submission: Being Complied Monitoring of ground water levels in the surrounding villages is being carried out four times a year by establishing a network of 45 existing observation wells and 14 piezometric wells to assess the long-term effects. Regular monitoring of ground water quality is being carried out as per statue through MoEFCC approved third party laboratory M/s Environment Protection Training and Research Institute (EPTRI), Hyderabad. Latest ground water levels and ground water quality are enclosed as Annexure-5 Annexure-6 respectively.		Date: 26/05/2025
11	WATER QUALITY MONITORING AND PRESERVATION	XII) The Company shall put up artificial groundwater recharge measures for augmentation of ground water resource. The project authorities should meet water requirement of nearby village(s) in case the village wells go dry due to dewatering of mine.
PPs Submission: Being Complied 10 nos. of rain water harvesting pits have been constructed at various locations of BHPL area to recharge ground water. Ten check dams were constructed in the nearby nallah for augmentation of ground water. The list of the locations of the rain water harvesting structures is furnished Annexure-VI The excess mine discharge water of 238 KLD after treated through the slow sand filter beds is being let out into nearby nallah for augmentation of ground water and also for agriculture use by nearby villagers. There are no incidences recorded till now of drying of wells in the surrounding villages of the mine. In case if the village wells go dry, SCCL will supply drinking water to the nearby villages.		Date: 26/05/2025
12	WATER QUALITY MONITORING AND PRESERVATION	XIII) The Company shall obtain approval of CGWA/CGWB Regional Office for use of ground water if any, for mining operations
PPs Submission: Being Complied Ground water clearance from Ground Water Department, Government of Telangana was accorded vide N.O.C.no.TGGWD/JSB/WALTA/NOC/MINE/0004.Dated on 04.10.2024 A copy enclosed as Annexure-vi.		Date: 26/05/2025
13	WATER QUALITY MONITORING AND PRESERVATION	XIV) Sewage treatment plant should be installed in the existing colony. ETP should also be provided for workshop and CHP wastewater.
PPs Submission: Being Complied Two Sewage Treatment Plants of 3 MLD Capacity each are operating to treat the sewage from existing colony. No workshop CHP in the mine premises . -One STP is in Krishna Colony -One STP is in Subhash colony.		Date: 26/05/2025

14	LAND RECLAMATION	XV) For monitoring land use pattern and for post mining land use, a time series of land use maps, based on satellite imagery (on a scale of 1:5000) on the core zone and buffer zone, from the start of the project until end of mine life shall be prepared once in 3 years (for; any one particular season which is consistent in the time series.) and the report submitted to MOEF and its Regional office at Bangalore.
PPs Submission: Being Complied Digital processing of the entire lease area based on satellite imagery is being done once in 3 years for monitoring land use pattern and post mining land use. Land use for core and buffer zone studies carried out during 2017 ,2020 has already been submitted to SRO/RO, MoEFCC along with half yearly compliance reports and LULC of 2023 by Greencindia Consulting Private Ltd, Hyderabad. is being submitted along with this report. Copy enclosed as Annexure- IX.		Date: 26/05/2025
15	MINING PLAN	XVI) A Final Mine Closure Plan along with details of Corpus Fund should be submitted to the Ministry of Environment & Forests 5 years in advance of final mine closure for approval.
PPs Submission: Agreed to Comply A final mine closure plan along with details of corpus fund will be submitted 5 years in advance of final closure of the mine to the MoEFCC for approval.		Date: 26/05/2025
16	Corporate Environmental Responsibility	XVII) Monitoring of impact of R&R and CSR over the life of the project shall be based on key; indices of UNDP Human Development Report using pre-project status ;of socio-economic and human development as the base line.
PPs Submission: Being Complied No Rehabilitation and Resettlement (R and R) is involved in the project. The company is undertaking various Corporate Social Responsibility Activities in the area and impact of these activities will be monitored taking key parameters.		Date: 26/05/2025
17	WATER QUALITY MONITORING AND PRESERVATION	VI) Garland/surface drains (size, gradient and length) around the safety areas such as mine shaft and low lying areas and sump capacity should be designed keeping 50Percent safety margin over an above peak sudden rainfall and maximum discharge in the area adjoining the mine sites . Sump capacity should also provide adequate retention period to allow proper settling of silt material. Sufficient number of pumps of adequate capacity shall be deployed to pump out mine water during peak rainfall.
PPs Submission: Being Complied Garland / surface drains of adequate size are made around the Air shaft and entries of the mine so that no water from the surface could inadvertently enter the mine. All the entries (Main incline and Man way incline and the air shaft) are designed at to be minimum 3m above the HFL of the area. Further, the underground sumps are designed keeping the highest seepage calculations and retention time to settle the silt material and adequate pumping capacity is also provided in the underground sumps to deal during the peak rainfalls.		Date: 26/05/2025

General Conditions

Sr.No.	Condition Type	Condition Details
1	Corporate Environmental Responsibility	I) No change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment and Forests.

PPs Submission: Complied No change in the Mining technology and scope of working as envisaged in the approved EMP. Any change in the scope or technology, prior approval of the Ministry of Environment, Forests and Climate Change (MoEFCC) will be obtained.		Date: 26/05/2025
2	MINING PLAN	II) No change in the calendar plan including excavation, quantum of mineral coal and waste shall be made.
PPs Submission: Complied The current production schedule is being followed as per the approved calendar programme. Coal (in MTPA) As per EC Actual 2009-10 0.6 0.274 2010-11 0.6 0.296 2011-12 0.6 0.299 2012-13 0.6 0.378 2013-14 0.6 0.348 2014-15 0.6 0.349 2015-16 0.6 0.372 2016-17 0.6 0.402 2017-18 0.6 0.388 2018-19 0.6 0.340 2019-20 0.6 0.335 2020-21 0.6 0.208 2021-22 0.6 0.241 2022-23 0.6 0.218 2023-24 0.6 0.208 2024-25 0.6 0.199		Date: 26/05/2025
3	AIR QUALITY MONITORING AND PRESERVATION	III) Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for SPM, RPM, SO ₂ and NO _x , Hg and other heavy metals such as Rb, Cr, As etc. Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the State Pollution Control Board
PPs Submission: Complied Five (5) No.s of Ambient Air Quality Monitoring stations had been identified for post project monitoring work keeping in view of meteorological data in consultation with Regional Office, TSPCB, Warangal. The results of monitoring of Ambient Air Quality including locations, frequency and parameters are furnished as Annexure-1.		Date: 26/05/2025
4	AIR QUALITY MONITORING AND PRESERVATION	IV) Fugitive dust emissions (SPM and RSPM, Hg and other heavy metals) from all the sources shall be controlled regularly monitored and data recorded properly. Water spraying arrangement on haul roads, wagon loading, dump trucks (loading and unloading points shall be provided and properly maintained.
PPs Submission: Being Complied Fugitive dust emissions are being monitored regularly at mines and allied activities. There is no haul road, wagon loading. However Water spraying arrangements are made at the bunkers during the loading and unloading of the coal. Monitoring of PM ₁₀ , PM _{2.5} , Hg and other heavy metals is being done by M/s EPTRI, Hyderabad. And data was recorded.		Date: 26/05/2025
5	AIR QUALITY MONITORING AND PRESERVATION	V) Data on ambient air quality (SPM, RSPM, SO ₂ and NO _x Hg and other heavy metals shall be regularly submitted to the Ministry including its Regional Office at Bangalore and to the State Pollution Control Board and the Central Pollution Control Board once in six months.
PPs Submission: Being Complied Ambient Air Quality and heavy metals is monitored by M/s. EPTRI, Hyderabad and the data is collected and submitted regularly to the ministry including its regional office and to the State Pollution Control Board and the Central Pollution Control Board along with half yearly monitoring reports. The ambient air quality monitoring data is enclosed as annexure-I .		Date: 26/05/2025
6	Noise Monitoring & Prevention	VI) Adequate measures shall be taken for control of noise levels below 85 dB(A) in the work environment. Workers engaged in blasting and drilling operation, operation of HEMM, etc shall be provided with ear plugs/muffs.
PPs Submission: Being Complied Noise control measures such as plantation around the fan house , mine take area, Provision of evasee		Date: 26/05/2025

		to main mechanical ventilator, reduction in height of fall of mineral coal in the bunkers, preventive maintenance of machinery, etc. are being taken up. All the active work Persons are provided with earplugs who are engaged on drilling, blasting, operation of machinery and noise prone areas. This is an underground project and a copy is enclosed as annexure.	
7	WATER QUALITY MONITORING AND PRESERVATION	VII) Industrial wastewater (workshop and wastewater from the mine) shall be properly collected, treated so as to conform to the standards prescribed under GSR 422(E) dated 19th May 1993 and 31st December 1993 or as amended from time to time before discharge. Oil and grease trap shall be installed before discharge of workshop effluents.	
PPs Submission: Being Complied Mine seepage water is being collected in the underground sumps of adequate capacity to settle the suspended solids and pumped out to the surface 1,50,000 gallons capacity slow sand filter beds for further treatment to conform to the prescribed standards under GSR 422(E) dated 19th May 1993 and 31st December 1993. The efficacy of the system is being monitored through fortnight sampling and analysis by M/s. EPTRI, Hyderabad external agency having MoEF recognized laboratory. No work shop in mine premises and a copy enclosed as annexure.			Date: 26/05/2025
8	AIR QUALITY MONITORING AND PRESERVATION	VIII) Vehicles emissions shall be kept under control and regularly monitored. Vehicles used for transporting the mineral shall be covered with tarpaulins and optimally loaded.	
PPs Submission: Being Complied Vehicles used for transportation of coal are being tuned regularly for control of emissions as per manufacturer schedule. Coal is loaded optimally in the coal transportation trucks and covered with tarpaulin to reduce the dust emission during transportation.			Date: 26/05/2025
9	Statutory compliance	IX) Environmental laboratory shall be established with adequate number and type of pollution monitoring and analysis equipment in consultation with the State Pollution Control Board.	
PPs Submission: Being Complied Post Project Environmental Monitoring is being carried out through external agency M/s. Environment Protection Training and Research Institute (EPTRI), Hyderabad. - A laboratory with adequate staff has been established at Ramagundam by EPTRI for analysis of critical parameters in the field.			Date: 26/05/2025
10	Human Health Environment	X) Personnel working in dusty areas shall wear protective respiratory devices and they shall also be provided with adequate training and information on safety and health aspects. Occupational health surveillance programme of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and to take corrective measures, if needed.	
PPs Submission: Being Complied Personnel working in dusty areas are being provided dust respirators and adopting job rotation practice. Training and information on safety and health aspects are being given through Internal Safety Organization and Mine Vocational Training Centers. Occupational health surveillance is being carried out periodically through Periodical Medical Examinations (PME) once in every 5 years, for below 45 years age group and once in 3 years for above 45 years age. No. of persons attended PME during last six months is 165.			Date: 26/05/2025
11	Human Health Environment	XI) A separate environmental management cell with suitable qualified personnel shall be set up under the control of a Senior Executive, who will report directly to the Head of the Company.	
PPs Submission: Complied			Date:

A separate Environment Management cell has been formed under control of General Manger (Environment) of SCCL, directly report to the Director (PP).		26/05/2025
12	Corporate Environmental Responsibility	XII) The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to this Ministry and its Regional Office at Bangalore.
PPs Submission: Being Complied The funds earmarked for the environmental safeguards are being kept in separate account and will not be diverted for other purpose. - Year wise expenditure is being reported to the Ministry and its Regional Office of MoEFCC. The environmental protection expenditure incurred in the Project is furnished as Annexure-10		Date: 26/05/2025
13	Statutory compliance	XIII) The Regional Office of this Ministry located at Bangalore shall monitor compliance of the stipulated conditions. The Project authorities shall extend full cooperation to the office(s) of the Regional Office by furnishing the requisite data/information/monitoring reports.
PPs Submission: Being Complied Noted. The Project Authority will extend full cooperation to the office (s) of the regional office Hyderabad by furnishing the requisite data / information / monitoring reports.		Date: 26/05/2025
14	Statutory compliance	XV) State Pollution Control Board shall display a copy of the clearance letter at the Regional Office, District Industry Centre and Collector's Office/ Tahsildar's Office for 30 days.
PPs Submission: Complied The copy of the Clearance letter was send to following Panchayats vide Lr.No.BHP/ENV/2008/80, dt.28.11.2008 I) Mandal Revenue Office, Bhupalpalli. II) Jangedu Grampanchayat III) Kompally Grampanchayat Bhupalpalli Grampanchayat		Date: 26/05/2025
15	Statutory compliance	XVI) The Project authorities shall advertise at least in two local newspapers widely circulated around the project, one of which shall be in the vernacular language of the locality concerned within seven days of the clearance letter informing that the project as been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and may also be seen at the website of the ministry of Environment & Forests at http://envfor.nic.in .
PPs Submission: Complied Complied.		Date: 26/05/2025
16	Statutory compliance	3) The ministry or any other competent authority may stipulate any further condition for environmental protection.
PPs Submission: Agreed to Comply Agreed to Comply. Any additional condition if stipulated by the ministry or any other competent authority will be complied.		Date: 26/05/2025
17	Statutory compliance	4) Failure to comply with any of the conditions mentioned above may result in with droll of this clearance and attract the provisions of the environment (protection) Act 1986.
PPs Submission: Agreed to Comply Noted.		Date: 26/05/2025

18	Statutory compliance	5) The above conditions will be enforced inter-alia under the provisions of the water (prevention and control of pollution) Act, 1974, the air (prevention and control of pollution) Act, 1981, The environment (protection) Act, 1986 and the public liability insurance Act, 1991 along with their amendments and rules.
PPs Submission: Agreed to Comply Noted.		Date: 26/05/2025
19	Statutory compliance	6) The mining lease holders shall , after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been distributed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
PPs Submission: Complied Noted. The above conditions are being complied as per Water (Prevention Control of Pollution) Act 1974, Air (Prevention Control of Pollution) Act 1981 ,The Environment (Protection) Act 1986. CFE was obtained vide no.60/PCB/CFE/RO WGL/HO/2009 Dt: 04.06.2009. CFO was vide no. 200822518147 Dt:08.10.2020 and valid up to 30.06.2025. Public Insurance Policy is taken from National Insurance Company Ltd under Public Liability Insurance Act,1991 policy No. 550200492410000034 valid from 30.04.2024 to 29.04.2025 which will be renewed periodically. A copy enclosed as Annexure-XI.		Date: 26/05/2025
20	Statutory compliance	XIV) A copy of the EC will be marked to concerned Panchayat/ local NGO, if any, from whom any suggestion/ representation has been received while processing the proposal.
PPs Submission: Complied The copy of the Clearance letter was send to following Panchayats vide Lr.No.BHP/ENV/2008/80, dt.28.11.2008 I) Mandal Revenue Office, Bhupalpalli. II) Jangedu Grampanchayat III) Kompally Grampanchayat Bhupalpalli Grampanchayat		Date: 26/05/2025
21	MINING PLAN	6.The mining lease holders shall , after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been distributed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
PPs Submission: Agreed to Comply Agreed to Comply.		Date: 26/05/2025
<p style="text-align: center;">Visit Remarks</p>		
Last Site Visit Report Date:		N/A
Additional Remarks:		
<p>Note: 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>		