PROCEEDINGS OF THE PUBLIC HEARING OF M/S ODISHA POWER GENERATION CORPORATION LIMITED, JHARSUGUDA FOR EXPANSION OF COAL BASED THERMAL POWER PLANT OF CAPACITY 2X660 MW AS STAGE-III (UNIT#5 & UNIT#6) WITHIN THE EXISTING PLANT PREMISES, HELD ON 07.07.2025 AT 10:00 A.M. AT TELENPALI HATA PADA, LAKHANPUR TEHSIL, DIST: JHARSUGUDA

The public hearing of proposed expansion project of Ib Thermal Ultra Super Critical Thermal Power Project of M/s OPGC Limited was conducted on dated:-07.07.2025 at 10:00 A.M as per the EIA Notification S.O.1533 (E), dated 14.09.2006 for grant of Environment Clearance at Hatapada (Open Field) in Mouza-Telenpali of Lakhanpur Tahasil.

The public hearing of M/s Odisha Power Generation Corporation Limited, Jharsuguda for expansion of coal based thermal power plant of capacity 2x660 MW as Stage-III (Unit#5 & Unit#6) within the existing plant premises was rescheduled three times. Initially, it was scheduled for 24.04.2024 but was postponed to 27.06.2024 due to the enforcement of the Model Code of Conduct for the Simultaneous General Election 2024, as per District Office Letter No. XX-105/24-4746/G&M, dated 16.04.2024. Subsequently, it was rescheduled again to 25.02.2025 due to unavoidable circumstances, as communicated through District Office Letter No. XX-105/24-3264/G&M, dated 24.02.2025. The hearing was thereafter rescheduled once again and finally conducted on 07.07.2025 Sri Sabyasachi Panda, O.A.S.(S), Sub Collector, Jharsuguda, supervised and presided over the Public Hearing Process, assisted by Er. Hiranya Kumar Nayak, Regional Officer, State Pollution Control Board, Jharsuguda & representatives of State Pollution Control Board, Odisha. The State Pollution Control Board, Odisha, Bhubaneswar had advertised in Newspaper in Odia daily i.e. **Prameya** on dated **17.06.2025** and in English daily i.e. **The Times of India** on dated **17.06.2025**. The schedule and venue of the public hearing with respect to the above project was decided by the District Magistrate in accordance with the EIA Notification S.O.1533(E) dated 14.09.2006 vide Letter No-XX-105/2024-9104/G&M, dated 13.06.2025. The attendance sheet of the panel members present in the public hearing is annexed as **Annexure-I.** Approximately, 200 people attended in the public hearing meeting, whereas only 32 of them have signed their attendance sheet. The attendance sheet of the public participants in the public hearing meeting is annexed as **Annexure-II**.

At the outset, Er. Hiranya Kumar Nayak, Regional Officer, SPCB, Jharsuguda welcomed the panel members and the public presented in the meeting. He briefly described the objectives and procedures to be followed for conducting the Public Hearing as per the EIA Notification S.O.1533 (E), dated 14.09.2006 of Ministry of Environment, Forest & Climate Change (MoEF & CC), Govt. of India. He requested Sub- Collector, Jharsuguda to preside over the meeting.

Sri Sabyasachi Panda, Sub- Collector, Jharsuguda welcomed the Panel members, public, Press & Print Media assembled in the meeting and briefly explained the objective of the proposed expansion project. He further stated that the views, comments, objections, and opinions of the public are necessary while considering the Environmental Clearance of the project and he emphasized to give views with respect to Environment. He invited the Project Proponent to give a brief description about the proposed project before the public gathered in the meeting.

On behalf of the Project Proponent, Shri Sitaram Sahu, Head-EHS OPGC, Banharpali, briefed the gathering about the existing unit of the plant i.e. Stage –I (2X210 MW Unit#1 & Unit#2), Stage-II (2X660 MW Unit#3 & Unit#4) and proposed Stage-III (2X660 MW Unit#5 & Unit#6) project. He presented the salient features of the proposed expansion, requirement of the Project, possible adverse effect on the environment and its remedies, employment opportunities, CSR activity & benefit of the project as follows:-

M/s. Odisha Power Generation Corporation Limited (OPGC) constructed two units with a capacity of 210 MW in the first phase, which became operational in the year 1994 and 1996 respectively. In the second phase, two units with a capacity of 660 MW became operational in the year 2019.

Currently, the state has an average electricity demand of 5000 MW, and this is increasing day by day. M/s. OPGC currently produces approximately one-third of the state's demand, therefore, keeping in mind the increasing electricity demand and according to the government's plan, OPGC has proposed to set up two new units i.e; Unit #5 and Unit #6, with a capacity of 660 MW each based on ultra-supercritical technology in the plant premises in the third phase. This proposed project will be established at Ib Thermal Power Station in Banharpali, under Lakhanpur Tehsil, District- Jharsuguda.

According, to the Environmental Impact Assessment (EIA) Notification Rules published in 2006, the Ministry of Environment, Forest and Climate Change Government of

India (MoEF&CC, GOI) provides the necessary environmental clearance for the establishment, operation, and management of thermal power plants of 500 MW and more, and a public hearing is required for this environmental clearance. OPGC was granted TOR (Terms of Reference) by MoEF&CC, GOI on November 2, 2023, and as per the conditions stipulated in the ToR, a public hearing is required.

Ib Thermal has a total area of 1227.39 acres, where both the thermal power plant and township have been established. The proposed project will be constructed in the vacant space available within the existing plant premises. There is no environmentally sensitive area within a 15 km radius of the proposed project boundary.

Process Description:-

In a thermal power plant, the chemical energy in coal is converted into thermal energy. This thermal energy is then converted into mechanical energy by a turbine, and finally, it is converted into electrical energy by a generator.

Required Resources:-

- **Land Requirement:** The land acquired under Stage-1 and 2 is 1227.39 acres. Out of this, the third phase unit will be set up in a vacant area of 150 acres. Approximately 250 acres of land are being identified near Kumarbandh for the proposed ash pond.
- **Water Requirement and Source:** The total water requirement for Stage-3 is 3400 cubic meters per hour, and 500 cubic meters of water will be required for the FGD (Flue Gas Desulfurization) unit. The total water requirement will be 3900 cubic meters per hour, which will be met from the Hirakud Reservoir.
- **Coal:** The coal required for the proposed expansion will be fulfilled from the Manoharpur coal mine. The coal will be transported by rail, which will prevent pollution caused by road transportation.
- **Manpower Requirement:** This project will create direct and indirect employment opportunities, as well as self-employment opportunities. Approximately 3500 jobs will be created during the construction and operational phases.
- **Power Requirement and Source:** The electricity required for this proposed project will be met from the current electricity generation of M/s. OPGC.

Baseline Environmental Status

A baseline data monitoring study was conducted for three months from October 1, 2023, to December 31, 2023, covering the post-monsoon season. This environmental study was conducted within a 15 km radius of the proposed project boundary.

- **Meteorology:** During the study period, meteorological parameters such as wind speed, wind direction, temperature, relative humidity, atmospheric pressure, rainfall, and cloud cover were recorded. The temperature ranged from 12.1°C to 31.8°C, and relative humidity was moderate, ranging from 45% to 76%. Total rainfall recorded was 88.1 millimeters.
- **Ambient Air Quality:** Air quality was monitored at 11 ambient air quality stations at the project site and its surrounding areas. PM_{10} concentration ranged from 30.3 to 74.3 $\mu g/m^3$. $PM_{2.5}$ concentration ranged from 14.5 to 53.0 $\mu g/m^3$, and NOx concentration ranged from 13.2 to 28.7 $\mu g/m^3$.
- **Land Use:** According to satellite imagery, from the study area outside the plant boundary, built-up land is 9.7%, forest land 4.4%, agricultural land approximately 27.2%, water bodies 33.6%, and the remaining land is approximately 25.1%.
- **Noise Level:** Noise observation stations were identified within a 10 km radius of the project, and noise pressure levels were measured at 11 designated locations. According to the field survey, noise levels in residential, commercial, and industrial zones are within the limits prescribed by the Central Pollution Control Board.
- **Flora and Fauna:** Based on preliminary surveys and review of Forest Department records, there are no sanctuaries, national parks, or biosphere reserves in the study area. The Wildlife Conservation Plan has been approved by the Forest Department of the Government of Odisha.

Environmental Impact Prediction and Mitigation

The environmental impacts of the proposed project have been predicted, and the following measures have been determined for their mitigation.

- **Impact on Land Use:** Land use in this area falls under industrial mining. Approximately 150 acres of land are available near the existing Stage-2 (2 x 660 MW) unit. Tree cutting is not required for the expansion project.
- **Impact on Air Quality:** The main air pollutants from thermal power plants are Particulate Matter (PM), SO_2, and NOx, which are continuously emitted from the

chimney associated with coal combustion boilers. In addition, coal dust is emitted due to operations at the coal storage yard, wind, conveyor systems, etc..

- **Air Pollution Control Measures:**
  - Installation of ESP (Electrostatic Precipitator) with more than 99.99% efficiency to reduce Particulate Matter (PM) concentration to less than 30 mg/Nm^3.
  - 275 m high chimney for wide dispersion of gaseous emissions.
  - Combustion control for NOx (low NOx Burner).
  - Dust Suppression and Dust Extraction System in coal handling plant.
  - FGD (Flue Gas Desulfurization) installation.
  - Water sprinkling system in the coal storage yard.

- **Impact on Water Resources:** Wastewater will be treated at the Effluent Treatment Plant, and treated water will be reused to maintain the concept of Zero Discharge.
- **Impact on Groundwater:** No groundwater sources will be used to meet the water requirements of the project. The project's water requirements will be met from the Hirakud Reservoir, so there will be no adverse impact on groundwater.
  - **Water Pollution Mitigation Measures:**
    - Reuse of cooling tower discharge water for ash management, coal handling, and fire fighting.
    - Reuse of coal handling wastewater, service water wastewater, and ash pond wastewater after treatment.
    - Provision of STP (Sewage Treatment Plant) for domestic wastewater.
- **Solid Waste Impact:** Ash generated from coal combustion is the main waste product from this project. The annual coal requirement for the Stage-3 power plant is approximately 7.6 MTPA, and with an average of 38% ash, the total ash production will be approximately 2.88 MTPA. This ash will be used in brick, cement production, and road construction, as well as filled in vacant mines. A small amount of ash will be sent to the ash pond when necessary.
- **Impact on Noise Level:** The noise level at the source of these units will be between 80-90 dB. Detailed noise assessment has been done for this, and its impact is limited to the project boundary. Adopting modern building design and using noise-resistant materials will reduce noise from the powerhouse.
  - **Noise Pollution Mitigation Measures:**
    - Noise insulation system in noisy workplaces.

- Provision of hoods for noise-generating equipment like pumps.
- Provision of dense greenbelts to reduce noise levels.
- Provision of personal protective equipment such as earplugs and earmuffs to workers in high-noise areas.

- **Impact on Socio-Economics:** Unskilled manpower from nearby villages will be utilized during the construction and operation phases. This project will also help create indirect employment in addition to direct employment. The proposed project will improve the socio-economic status of the area through CSR (Corporate Social Responsibility) activities.

Project Benefits

Various programs will be initiated as part of Corporate Social Responsibility (CSR) for the welfare of the poor/widows/physically challenged. Skill development programs, sports programs, and assistance to government schools will be provided. For community development, women will be provided with self-employment opportunities, community toilets, drinking water facilities, and livelihood training. Medical and health awareness camps will be organized in nearby villages. Due to increased employment and income generation opportunities, the social infrastructure of this area will change. Direct and indirect employment will increase people's income and their purchasing power. Employment opportunities will also be created in nearby villages to provide services to the human resources employed in the thermal power plant. The employment generated for the implementation and maintenance of the project will improve the standard of living, health, and education system. Approximately 3500 jobs will be created in OPGC during the construction and operation phases. The proposed expansion project will add significant value to the Indian economy. This project will make our state self-reliant in electricity generation and accelerate overall economic growth. The proposed expansion project will have minimal impact on the environment; however, with proper implementation of the environmental management system, its impact can be further reduced and well maintained within the limits prescribed by the regulatory authorities.

Pollution control and mitigation measures will be strictly implemented. With an appropriate environmental management system, the proposed expansion project will be beneficial for society and will contribute to the economic development of the state and the country.

Then Sri Sabyasachi Panda, Sub-Collector, Jharsuguda invited the public to present their views verbally or in written form on the proposed project in a peaceful manner. However, during the PUBLIC HEARING PROCESS, while a villager was presenting his views, a group of public attempted to disrupt the hearing by raising slogans such as "Stop the Public Hearing," "OPGC Go Back," "District Administration, agree to our demands" and State Pollution Control Board, Hai Hai." Amidst the disturbances, several participants put forth their concerns and long-pending demands, including:

- Lack of proper medical facilities and availability of doctors in the local area.
- Improper supply of water
- Degradation of Environment
- Absence of a skill development institute.
- Issues related to education and employment, specifically the lack of job opportunities for local residents.

One individual from the gathering alleged that the industry's claim of ensuring environmental protection needs to be verified. He challenged the officials present on the dais to personally verify the pollution levels in the nearby villages. Other concerns raised included:

- Demand to stop ash-related activities and business in the locality.
- Damage of PWD roads due to continuous ash transportation.
- Complaints regarding delays and irregularities in payments by the industry to affected stakeholders.

However, The Sub-Collector, Jharsuguda made repeated requests (approximately 8 to 10 times) urging the public to share their views in an orderly manner. The public who expressed their views were 04 in numbers and their attendance sheet is annexed as **Annexure-III.** The statement of public participated in the deliberation is annexed as **Annexure-IV**. After the deliberations were made by the public, Sub-Collector, Jharsuguda invited the project proponent to offer their views on the issues raised by the public. The summary of the views and the commitments was given on behalf of the project proponent by Sri Anjana Ranjan Dash, Director (Operations) which is annexed in English as **Annexure-V** and its Odia translation is annexed as **Annexure VI.**

A total of 01 number of representation was received, submitted by 03 nos of ladies and signed by 65 individuals during the public hearing process, supporting the proposed project

with a condition to fulfil their demands. The same is annexed as **Annexure VII.** The video recording of the entire proceedings of the public hearing is enclosed herewith and will be forwarded to the Ministry of Environment, Forest & Climate Change, Govt. of India, New Delhi as such, along with the written statements of the public & proceedings of the meeting. Finally, the meeting concluded with vote of thanks to the chair, public and all the participants present in the public hearing meeting.

Hiranya Kumar Nayak

Shri Hiranya Kumar Nayak
Regional Officer, SPCB, Odisha
Jharsuguda

Regional Officer
State Pollution Control Board
JHARSUGUDA

Shri Sabyasachi Panda, OAS (SB)
Sub- Collector, Jharsuguda

SUB-Collecto:
JHARSUGUDA

ANNEXURE-I

Panel members present at the Public Hearing of M/s Odisha Power Generation Corporation Ltd., held on 07.07.2025 at 10:00 A.M. at Mouza-Telenpali at Hatapada (Open Field), Tahsil-Lakhanpur, Dist: Jharsuguda

Sl. No.	Name of the Panel members	Signature
1.	Sri Sabyasachi Panda, OAS (SB), Sub- Collector, Jharsuguda	07/07/25 Sub-Collector JHARSUGUDA
2	Sri Hiranya Kumar Nayak, Regional Officer, State Pollution Control Board, Odisha Jharsuguda	7-7-25 Regional Officer Pollution Control Board JHARSUGUDA

ANNEXURE-IV

THE STATEMENT OF THE PUBLIC PARTICIPATED IN THE DELIBERATION DURING THE PUBLIC HEARING OF M/S ODISHA POWER GENERATION CORPORATION LIMITED, JHARSUGUDA FOR EXPANSION OF COAL BASED THERMAL POWER PLANT OF CAPACITY 2X660 MW AS STAGE-III (UNIT#5 & UNIT#6) WITHIN THE EXISTING PLANT PREMISES, HELD ON 07.07.2025 AT 10:00 A.M. AT TELENPALI HATA PADA, LAKHANPUR TEHSIL, DIST: JHARSUGUDA

The views expressed by various speakers present in the meeting are as follows:

1. ***Sri Dibyalochan Seth, village Dhobadera***
   He stated that local employment has not been provided from the existing unit 1,2,3&4 and the employees are not getting timely payment. The people are getting affected due to discharge of ash and coal to the ponds due to which they are facing difficulty in bathing. Further, he claimed that no streetlights and medical facilities have been provided.

2. ***Sri Rabindra Sohela, village Adhapada***
   He questioned how much quantity of ash should be transported in PWD Rd. Further he stated that 52-55 T of ash is being transported from OPGC to Sarbahal Road, due to which the school and college students are not able to travel. He also mentioned that he has the evidence of confirming that 52–55 tonnes of ash are being transported on this road. He expressed serious concern regarding the transportation of ash by road.
3. ***Sri. Umesh Deep, village Adhapada***
   He raised the issues of wages of local workers employed in the plant and stated that the local workers are getting low payment of Rs.12000-15000 and outside workers are getting Rs.45000.
4. ***Sri Raghunandan Panda, BJP President, village Sahajbahal***
   On the onset he welcomed the gathering. He stated that the project will bring energy security to the State & prosperity to the region. He stressed on local employment and peripheral development. He stated that OPGC should ensure availability of drinking water to all peripheral villages, should facilitate in providing irrigation water, skill development for youths and their employment in the upcoming project. He stated that OPGC should follow all guideline stipulated for ash disposal. He added that OPGC should appoint additional doctors at the Ib Thermal Hospital & should distribute free medicines for common diseases. He also emphasized on road construction & street lighting. Sri. Raghunandan asked to develop ground water recharge system in the upcoming project. He further mentioned that OPGC, OSPCB & District Administration should reach out the public and should identify the issues and try to resolve it.

Hiranya Kumar Nayak

Shri Hiranya Kumar Nayak,
Regional Officer, SPCB, Odisha
Jharsuguda

Regional Officer
State Pollution Control Board
JHARSUGUDA

Satyanarayan Panda

Shri Sabyasachi Panda, OAS (SB)
Sub-Collector, Jharsuguda

Sub-Collector
JHARSUGUDA

ANNEXURE-V

ISSUES RAISED BY THE PUBLIC AND COMMITMENT OF THE PROJECT PROPONENT IN THE PUBLIC HEARING

ISSUES RAISED DURING THE PUBLIC HEARING	RESPONSE OF THE PROJECT PROPONENT
Air Pollution	• 100% transportation of coal will be done through rakes. This will reduce fugitive dust emission from the road. • Dust suppression measures such as fixed rain gun type water sprinklers will be installed at the coal stockyards and DFS system at coal handling plant, track hoppers etc. • ESP will be installed for treatment of flue gas generated from the boiler. • Internal roads will be concreted with provision of sensor based fixed rain gun type water sprinklers. • Road sweeping machines will be deployed for the cleaning of the internal roads. • Mechanized wheel washing facility with treated water recirculation system at the exit point of the plant. • Online CEMS will be installed at the stack attached to the ESP for monitoring of particulate matter, SOX , NOX, CO etc. • Ambient Air Quality monitoring will be conducted through NABL accredited Laboratory to monitor the ambient air quality at the village. Additional CAAQMS shall also be installed for real time analysis of ambient air.
Water Pollution Management	• Construction of complete treatment and recirculation system for decanted ash water of the proposed ash pond project like the one that is existing in the present ash pond. • Zero Liquid Discharge (ZLD) policy will be adopted. • Domestic sewage will be treated in STP.

	• Under no circumstances there will be discharge of wastewater from the plant as well as from the ash pond.
Ash Management	• 20% of the bottom ash generated will be directly disposed of in HCSD mode to the ash pond, whereas the total fly ash will be stored in silos of adequate capacity. The unutilized portion of fly ash, after its utilization, will be disposed of in the ash pond through HCSD mode. • Fixed water sprinklers will be installed at the proposed ash dyke and regular sprinkling will be ensured at all the potential dust-emission points in the ash dyke to control dust emissions. • Additional fog cannons will be provided at the proposed ash dyke for suppression of dust during loading of the ash into transport vehicles. • The internal road of ash dyke road will be blacktopped to avoid fugitive emission during plying of vehicles with the provision of solar based street lights. • Ash water will be completely recirculated with primary and secondary treatment system. • 50% of ash will be transported for utilization primarily to cements and then to mine void filling. Rest 50% will be transported through trucks with proper tarpaulin covering for other utilization such as in road making, fly ash brick manufacturing unit
Employment of Local People	During the construction of the proposed project, opportunities will be available through contracting agencies and other associates. Project-affected and local people will be considered for deployment based on suitability and vacancy availability. Preference will be given to project-affected people for employment as per Government Guideline.

CSR and CER (Health, Education, Water Supply, Street Lights, Roads, etc.)	**Health:-** • Additional doctors will be appointed. • 24X7 availability of doctor, nurse & attendant will be ensured • One regular medicine specialist will be hired. • Visiting Neurologist, cardiologist & dentist will be ensured. **Education & Skill Development:** • Intermediate will be introduced in DAV Odia medium after due discussion with Govt. authority and priority in admission will be given to the children of the local villagers in the DAV school. • Skill development of local youths will be done through tie up with locally situated ITIs & Engineering schools. • Short term & need based training programs will be organized for local youths. • **Water Supply:** At present OPGC is supplying piped drinking water to 17 villages. During summer drinking water supply is being done to 70 villages through tankers. In future the supply of drinking water shall be increased as per demand. • **Infrastructure Augmentation:** Solar-based mini mast lights or streetlights will be installed based on demands for the local villagers. Water body renovations including construction of new ponds, pond deepening, bathing ghats will be undertaken to enhance water retention and availability. • Road renovation and repair works are being done and will continue in the future, with provisions for water sprinkling and road cleaning through mechanized sweeping machines in the peripheral villages. CSR and CER will be done as per the demands of the villagers in co-ordination with Gram Panchayat and District Administration.
Plantation/Greenbelt	• OPGC is committed to environmental protection and it is having greenbelt coverage of 34.86 percent of its total area. OPGC in collaboration with OFDC is undertaking Miyawaki method of

	high-density plantation near Tilia ash pond. In the first phase (2025-26) OPGC shall plant 17000 saplings in an area of 5 acres. In subsequent phases, it will cover a total area of 45 acres under thick green belt near Tilia ash pond. • OPGC in coordination with the Forest Department, shall identify degraded forest land and shall go for plantation over it. • OPGC has been distributing fruit bearing tree saplings in nearby educational institutes and Panchayats. OPGC shall continue doing it in future.

Sri Anjana Ranjan Dash (Director Operations & Occupier)
Ib Thermal Power Station (M/s OPGC Limited)

Shri Hiranya Kumar Nayak,
Regional Officer, SPCB, Jharsuguda

Regional Office
State Pollution Control Board
JHARSUGUDA

Shri Sabyasachi Pande, I.A.S. (SB),
Sub-Collector, Jharsuguda

Sub-Collector
JHARSUGUDA

Annexure- V I

ଜନଶୁଣାଣୀରେ ଜନସାଧରଣଙ୍କ ଦ୍ୱାରା ଉଠାଯାଇଥିବା ସମସ୍ୟା, ମତାମତ ଏବଂ ପ୍ରକଳ୍ପ ଅଧିକାରୀଙ୍କ ମନ୍ତବ୍ୟ

ଜନଶୁଣାଣୀରେ ଉଠାଯାଇଥିବା ସମସ୍ୟା	ପ୍ରକଳ୍ପ ଅଧିକାରୀଙ୍କ ମନ୍ତବ୍ୟ
ବାୟୁ ପ୍ରଦୂଷଣ	• ଶତ ପ୍ରତିଶତ କୋଇଲା ପରିବହନ ରେଳ ମାଧ୍ୟମରେ ହେବ, ଯାହାକି ଯାତାୟାତ ଦ୍ୱାରା ହେଉଥିବା ପ୍ରଦୂଷଣକୁ ସମ୍ପୂର୍ଣ ମାତ୍ରାରେ ରୋକିପାରିବ । • କୋଇଲା ପରିଚାଳନା କ୍ଷେତ୍ର ଏବଂ ଟ୍ରାକ ହୋପର ଇତ୍ୟାଦି ସ୍ଥାନରେ କୋଇଲା ଷ୍ଟକ ୟାର୍ଡ଼ ଏବଂ ଡ୍ରାଏ ଫଗ ସିଷ୍ଟମରେ (DFS) ଧୂଳି ଦମନ ପାଇଁ ସ୍ଥାୟୀ ରେନ ଗନ ପ୍ରକାରର ପାଣି ସିଞ୍ଚନ ବ୍ୟବସ୍ଥା କରାଯିବ । • ବଏଲରରୁ ନିର୍ଗତ Flue ଗ୍ୟାସ କୁ ବିଶୋଧନ କରିବା ପାଇଁ ESP ସ୍ଥାପନ କରାଯିବ । • ପ୍ଲାଣ୍ଟ ଭିତର ରୋଡ଼ କଂକ୍ରିଟ କରିବା ସହିତ ସେଥିରେ ସେନ୍ସର ଥିବା ସ୍ଥାୟୀ ରେନ ଗନ ପ୍ରକାରର ପାଣି ସିଞ୍ଚନ ବ୍ୟବସ୍ଥା କରାଯିବ । • ପ୍ଲାଣ୍ଟ ଭିତର ରୋଡ଼ର ସଫେଇ କାର୍ଯ୍ୟ ପାଇଁ ରୋଡ଼ ସଫେଇ ମେସିନ ନିୟୋଜିତ ହେବ । • ପ୍ଲାଣ୍ଟ ପରିସୀମା ବାହାରକୁ ଯିବା ରାସ୍ତାରେ ଜଳର ପୁନଃ ପରିଚାଳନା ବ୍ୟବସ୍ଥା ଥିବା ଯାନ୍ତ୍ରିକ ଚକ ଧୋଇବା ବ୍ୟବସ୍ଥା କରାଯିବ । • ESP ସହିତ ସଂଲଗ୍ନ ଥିବା ଚିମିନିରୁ ନିର୍ଗତ PM , SO2 , NOX ଇତ୍ୟାଦିର ପରୀକ୍ଷଣ ପାଇଁ ଅନଲାଇନ CEMS ସ୍ଥାପନ କରାଯିବ । • ଆଖପାଖ ଗ୍ରାମ ଗୁଡିକରେ ପରିବେଶୀୟ ବାୟୁର ଗୁଣବତ୍ତା, NABL ସ୍ୱୀକୃତି ପ୍ରାପ୍ତ ପରୀକ୍ଷାଗାରରେ ପରୀକ୍ଷା କରାଯିବ ଏବଂ ଅତିରିକ୍ତ ଭାବରେ ପ୍ରକୃତ ସମୟ ପରିବେଶୀୟ ବାୟୁର ପରୀକ୍ଷଣ କ୍ଷେତ୍ର (CAAQMS) ସ୍ଥାପନ କରାଯିବ, ଯାହା ଦ୍ୱାରା ଯେକୌଣସି ସମୟରେ ବାୟୁର ଗୁଣବତ୍ତା ଜାଣିହେବ । • ବର୍ତମାନ କାର୍ଯ୍ୟରତ ପାଉଁଶ ପୋଖରୀରେ ଯେପରି ପାଉଁଶ ପାଣିର ସମ୍ପୂର୍ଣ ପୁନଃ ପ୍ରଚଳନ ହେଉଛି ସେହି ବ୍ୟବସ୍ଥା ପ୍ରସ୍ତାବିତ ପାଉଁଶ ପୋଖରୀରେ ମଧ କରାଯିବ । • ଜିରୋ ଲିକ୍ୟୁଡ଼ ଡିସଚାର୍ଜ (ZLD) ନୀତି ଅବଲମ୍ବନ କରାଯିବ । • ଘରୋଇ ନାଳବାହିତ ଆବର୍ଜନାକୁ STP ଦ୍ୱାରା ଟ୍ରିଟ୍ମେଣ୍ଟ କରାଯିବ । • ଯେକୌଣସି ପରିସ୍ଥିତିରେ ମଧ ବର୍ଜ୍ୟଜଳ ପ୍ଲାଣ୍ଟରୁ କିମ୍ବା ପାଉଁଶ ପୋଖରୀରୁ ବାହାରକୁ ନିଷ୍କାସନ କରାଯିବ ନାହିଁ ।
ଜଳ ପ୍ରଦୂଷଣ ପରିଚାଳନା	
ପାଉଁଶ ପରିଚାଳନା	• ନିର୍ଗତ ସମୁଦାୟ ପାଉଁଶର ଶତକଡା ୨୦ ପ୍ରତିଶତ ବଟମ ଆସ HCSD ବ୍ୟବସ୍ଥା ଦ୍ୱାରା ସିଧା ସଳଖ ପାଉଁଶ ପୋଖରୀରେ ପକାଯିବ ଓ Fly ash ଆବଶ୍ୟକୀୟ କ୍ଷମତାର Silo ରେ ସଂରକ୍ଷଣ କରାଯିବ । ଅବ୍ୟବହୃତ Fly ash, HCSD ବ୍ୟବସ୍ଥା ଦ୍ୱାରା ପାଉଁଶ ପୋଖରୀକୁ ପଠାଇ ଦିଆଯିବ । • ପ୍ରସ୍ତାବିତ ପାଉଁଶ ପୋଖରୀ ହିଡରେ ସମସ୍ତ ଧୂଳି ନିର୍ଗମନ କୁ ନିୟନ୍ତ୍ରଣ କରିବା ପାଇଁ ସ୍ଥାୟୀ ପାଣି ସିଞ୍ଚନ ବ୍ୟବସ୍ଥା ସ୍ଥାପନ କରାଯିବ ଏବଂ ନିୟମିତ ଭାବରେ ପାଣି ସିଞ୍ଚନ କରାଯିବ ।

	• ପାଉଁଶ ପରିବହନ ଗାଡ଼ିରେ ପାଉଁଶ ବୋଝେଇ ସମୟର ପ୍ରଦୂଷଣକୁ ରୋକିବା ପାଇଁ ପ୍ରସ୍ତାବିତ ପାଉଁଶ ପୋଖରୀ ହିଡରେ ଅତିରିକ୍ତ ଫଗ କେନନର ବ୍ୟବସ୍ଥା ରହିବ । • ପାଉଁଶ ପୋଖରୀ ହିଡ଼ ଉପର ରାସ୍ତା ଗୁଡିକ ପିଚୁ କରାଯିବ ଯାହା ଫଳରେ ପାଉଁଶ ପରିବହନ ଗାଡିର ଯାତାୟାତ ସମୟର ପ୍ରଦୂଷଣକୁ ରୋକାଯାଇପାରିବ ଏବଂ ପାଉଁଶ ପୋଖରୀ ହିଡ଼ରେ ସୌର ଷ୍ଟ୍ରିଟ ଲାଇଟ ଲଗାଯିବ । • ପ୍ରାଥମିକ ଏବଂ ମାଧ୍ୟମିକ ବିଶୋଧନ ବ୍ୟବସ୍ଥା ଦ୍ୱାରା ସମ୍ପୂର୍ଣ ପାଉଁଶ ଜଳର ପୁନଃ ସଂଚାଳନ । • ନିର୍ଗତ ପାଉଁଶର ଶତକଡା ୫୦ ପ୍ରତିଶତ ପାଉଁଶ ପ୍ରାଥମିକ ସ୍ତରରେ ସିମେଣ୍ଟ ପ୍ରସ୍ତୁତି ନିମନ୍ତେ ବ୍ୟବହାର କରାଯିବା ସହିତ ଖାଲି ପଡିଥିବା ଖଣି ପୂରଣ ନିମନ୍ତେ ବ୍ୟବହାର କରାଯିବ । ବଳକା ୫୦ ପ୍ରତିଶତ ପାଉଁଶ ଟ୍ରକ ଦ୍ୱାରା ଠିକ ଭାବରେ ଟାରପଲୀନ ଆଚ୍ଛାଦିତ କରାଯାଇ ଅନ୍ୟାନ୍ୟ ଆବଶ୍ୟକୀୟ ବ୍ୟବହାର ପାଇଁ ଯେପରିକି, ସଡକ ନିର୍ମାଣ, ଇଟା ତିଆରି ପାଇଁ ପଠାଯିବ ।
ସ୍ଥାନୀୟ ଲୋକଙ୍କୁ ନିଯୁକ୍ତି	• ପ୍ରସ୍ତାବିତ ପ୍ରକଳ୍ପର ନିର୍ମାଣ ସମୟରେ, ଠିକା ସଂସ୍ଥା ଏବଂ ଅନ୍ୟାନ୍ୟ ସହଯୋଗୀ ସଂସ୍ଥାରେ ନିଯୁକ୍ତିର ସୁଯୋଗ ସୃଷ୍ଟି ହେବ । ପ୍ରକଳ୍ପ ଦ୍ୱାରା କ୍ଷତିଗ୍ରସ୍ତ ଉପଯୁକ୍ତ ସ୍ଥାନୀୟ ଲୋକଙ୍କୁ ଆବଶ୍ୟକତା ଅନୁଯାୟୀ ଖାଲି ଥିବା ପଦବୀରେ ନିଯୁକ୍ତି ଦିଆଯିବ । ଏହି ନିଯୁକ୍ତିରେ, ପ୍ରକଳ୍ପ କ୍ଷତିଗ୍ରସ୍ତ ଲୋକଙ୍କୁ ସରକାରୀ ନିୟମାବଳୀ ଅନୁଯାୟୀ ପ୍ରାଧାନ୍ୟ ଦିଆଯିବ ।
CSR ଏବଂ CER (ସ୍ୱାସ୍ଥ୍ୟ , ଶିକ୍ଷା , ଜଳ ଯୋଗାଣ, ରାସ୍ତା ଆଲୋକୀକରଣ,ରାସ୍ତା ମରାମତି/ତିଆରି)	**ସ୍ୱାସ୍ଥ୍ୟ:** • ଆବଶ୍ୟକୀୟ ଡାକ୍ତରଙ୍କ ନିଯୁକ୍ତି କରାଯିବ । • ୨୪ ଘଣ୍ଟିଆ ଡାକ୍ତର, ନର୍ସ ଏବଂ ସହଯୋଗୀ ଉପଲବ୍ଧ କରାଯିବ । • ଜଣେ ନିୟମିତ ଔଷଧ ବିଶେଷଜ୍ଞଙ୍କୁ ନିଯୁକ୍ତ କରାଯିବ । • ସ୍ନାୟୁ ରୋଗ , ହୃଦୟ ରୋଗ ଏବଂ ଦାନ୍ତ ରୋଗ ପାଇଁ ଅତିଥି ଡାକ୍ତରଙ୍କ ବ୍ୟବସ୍ଥା କରାଯିବ । **ଶିକ୍ଷା ଏବଂ ଦକ୍ଷତା ବିକାଶ :** • ସରକାରୀ ଅଧିକାରୀଙ୍କ ସହିତ ଆଲୋଚନା ପରେ DAV ଓଡ଼ିଆ ମିଡ଼ିଅମ ସ୍କୁଲରେ ଯୁକ୍ତ ଦୁଇ ଶ୍ରେଣୀ ପ୍ରଚଳନ କରାଯିବ ଏବଂ ସ୍କୁଲର ନାମଲେଖା ସମୟରେ ସ୍ଥାନୀୟ ପିଲାମାନଙ୍କୁ ପ୍ରଧାନ୍ୟ ଦିଆଯିବ । • ସ୍ଥାନୀୟ ITI ଏବଂ ଇଞ୍ଜିନିୟରିଂ ସ୍କୁଲର ମିଳିତ ସହଯୋଗରେ ସ୍ଥାନୀୟ ଯୁବକ ଯୁବତୀଙ୍କ ଦକ୍ଷତା ବୃଦ୍ଧି କାର୍ଯ୍ୟକ୍ରମ କରାଯିବ । • ସ୍ଥାନୀୟ ଯୁବକ/ଯୁବତୀଙ୍କ ପାଇଁ ସ୍ୱଳ୍ପ କାଳୀନ ଏବଂ ଆବଶ୍ୟକ ଭିତ୍ତିକ ପ୍ରଶିକ୍ଷଣ ବ୍ୟବସ୍ଥା ଆୟୋଜନ କରାଯିବ । **ଜଳଯୋଗାଣ :** • ବର୍ତମାନ ଓପିଜିସି ଆଖପାଖର ୧୭ ଟି ଗାଁ କୁ ପାଇପ ମାଧ୍ୟମରେ ପାନୀୟଜଳ ଯୋଗେଇ ଦେଉଛି ଏବଂ ଗ୍ରୀଷ୍ମ ଋତୁରେ ୭୦ ଟି ଗାଁ କୁ ଟ୍ୟାଙ୍କର ମାଧ୍ୟମରେ ପାନୀୟ

	ଜଳ ବିତରଣ କରୁଛି । ଆଗାମୀ ସମୟରେ ଆବଶ୍ୟକତାକୁ ଦୃଷ୍ଟିରେ ରଖି ଜଳଯୋଗାଣର ମାତ୍ରା ବଢାଯିବ । **ଭିତ୍ତିଭୂମି ବୃଦ୍ଧି :** • ସ୍ଥାନୀୟ ଗ୍ରାମବାସୀଙ୍କ ଚାହିଦା ଆଧାରରେ ସୌର ଆଧାରିତ ମିନି ମାଷ୍ଟ ଲାଇଟ କିମ୍ବା ସୌର ଷ୍ଟ୍ରିଟ ଲାଇଟର ବ୍ୟବସ୍ଥା କରାଯିବ । ଜଳାଶୟ ନବୀକରଣ କାର୍ଯ୍ୟ ଯେପରିକି , ନୂଆ ପୋଖରୀ ତିଆରି, ପୋଖରୀ ଖୋଲା, ଗାଧୁଆ ଘାଟ ଇତ୍ୟାଦି କାର୍ଯ୍ୟ କରାଯିବ । ଅଖା ପାଖ ଗ୍ରାମ ଗୁଡିକରେ ରାସ୍ତା ମରାମତି କାର୍ଯ୍ୟ ମଧ କରାଯିବ । • ସୀମାନ୍ତବର୍ତୀ ଗ୍ରାମ ଗୁଡିକରେ ରାସ୍ତା ନବୀକରଣ ଏବଂ ମରାମତି କାର୍ଯ୍ୟ ଚାଲିଛି ଓ ଭବିଷ୍ୟତରେ ମଧ ଚାଲିବ । ରାସ୍ତାରେ ପାଣି ସିଞ୍ଚନର ବ୍ୟବସ୍ଥା ସହିତ ଯାନ୍ତ୍ରିକ ସୁଇପିଙ୍ଗ ମେସିନ ବ୍ୟବହାର କରାଯିବ । ଗ୍ରାମବାସୀଙ୍କ ଆବଶ୍ୟକତା ଅନୁଯାୟୀ ଗ୍ରାମ ପଞ୍ଚାୟତ ଏବଂ ଜିଲ୍ଲା ପ୍ରଶାସନର ମିଳିତ ସହଯୋଗରେ CSR ଏବଂ CER କାର୍ଯ୍ୟ କରାଯିବ ।
ବୃକ୍ଷରୋପଣ/ସବୁଜ ବଳୟ	• ଓପିଜିସି ପରିବେଶ ସୁରକ୍ଷା ପାଇଁ ପ୍ରତିଶୃତିବଦ୍ଧ । ଏହାର ସମୁଦାୟ ଏରିଆର ୩୪.୮୬ ପ୍ରତିଶତ ଅଞ୍ଚଳ ସବୁଜ ବଳୟ ଦ୍ୱାରା ଆଚ୍ଛାଦିତ । • OFDC ର ସହଯୋଗରେ ଓପିଜିସି ମିଆଵକୀ ପ୍ରକ୍ରିୟାରେ ତିଲିଆ ପାଉଁଶ ପୋଖରୀ ନିକଟରେ ବୃକ୍ଷ ରୋପଣ କରିବାକୁ ଯାଉଛି । ଏହାର ପ୍ରଥମ ପର୍ଯ୍ୟାୟରେ (୨୦୨୫-୨୬) ୧୭୦୦୦ ଚାରା ୫ ଏକର ଜମିରେ ଲଗାଯିବ । ପରବର୍ତୀ ପର୍ଯ୍ୟାୟରେ ସମୁଦାୟ ୪୫ ଏକର ଜମିରେ ତିଲିଆ ପାଉଁଶ ପୋଖରୀ ନିକଟରେ ବୃକ୍ଷ ରୋପଣ କରାଯିବ । • ଜଙ୍ଗଲ ବିଭାଗର ସହଯୋଗରେ ଓପିଜିସି ଅବକ୍ଷୟ ନିକୃଷ୍ଟ ଜଙ୍ଗଲ ଜମିକୁ ଚିହ୍ନଟ କରି ବୃକ୍ଷ ରୋପଣ କରିବ । • ଓପିଜିସି ଆଖ ପାଖ ଶିକ୍ଷା ସଂସ୍ଥାନ ଓ ଗ୍ରାମ ପଞ୍ଚାୟତ ଗୁଡିକରେ ଫଳ ଚାରା ବିତରଣ କରୁଛି ଏବଂ ଆଗାମୀ ସମୟରେ ମଧ କରିବ ।

ଶ୍ରୀ ଅଞ୍ଜନା ରଞ୍ଜନ ଦାଶ
ପରିଚାଳନା ନିର୍ଦ୍ଦେଶକ, ଇବ ଥର୍ମାଲ ପାୱାର ଷ୍ଟେସନ (ଓପିଜିସି ଲିମିଟେଡ୍)

ଶ୍ରୀ ହିରନ୍ୟ କୁମାର ନାୟକ ,
ଆଞ୍ଚଳିକ ଅଧିକାରୀ, ଏସପିସିବି, ଝାରସୁଗୁଡା

Regional Officer
State Pollution Control Board
JHARSUGUDA

ଶ୍ରୀ ସବ୍ୟସାଚୀ ଗଣ୍ଡ ଚୌଧୁରୀ (ଏସବି), ଅତିରିକ୍ତ ଜିଲ୍ଲାପାଳ(ଏଜେସି), ଝାରସୁଗୁଡା

Sub Collector