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SEIL P2/MoEF&CC/Chennai/2022/006
27th December 2022

Sembcorp Energy India Limited

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To

The Regional Director,
Regional Office (South Eastern Region),
Ministry of Environment, Forests & Climate Change,
1st & 2nd Floor, HEPC Building, No. 34, Cathedral Garden Road,
Nungambakkam,
Chennai- 600034

Sub.: Submission of Half Yearly CRZ Compliance Report of Sembcorp Energy India Limited Project-2 (formerly known as Sembcorp Gayatri Power Limited) for the period from April 2022 to September 2022.

Ref.: CRZ Letter F. No. 11-44/2011 – IA – III dated 09-04-2012, amended dated 01-05-2014.

Dear Sir,

This has reference to the above subject, we hereby submit the Half Yearly compliance status report for the period from April 2022 to September 2022 along with supporting documents to the conditions specified under CRZ Clearance issued to Sembcorp Energy India Limited Project-2 (formerly known as Sembcorp Gayatri Power Limited), Nellore.

Hope the above is in order.

Thanking you,

Yours faithfully,
For **Sembcorp Energy India Limited**,


Pavan Kumar Rao V
Head HSE - SEIL

Copy To:

1. The Director, IA.I, MoEF&CC, New Delhi
2. The Joint Director (S), Scientist 'D', MoEF&CC, IRO, Vijayawada
3. The Regional Officer, APPCB, Nellore

*M/s. Sembcorp Energy India Limited Project-2,
Ananthavaram; & Varakavipudi (V),
TP Gudur (M),
SPSR Nellore (Dist.)*

Order No. F. No. 11-44/2011-IA.III, Date: 09-04-2012 & 01.05.2014

**CRZ COMPLIANCE
Of
Sembcorp Energy India Limited Project-2
(Formerly Sembcorp Gayatri Power Limited)
Order No. F. No. 11-44/2011-IA.III, Date: 09-04-2012 & 01.05.2014
April 2022 to September 2022**



*M/s. Sembcorp Energy India Limited Project-2,
Ananthavaram, & Varakavipudi (V),
TP Gudur (M),
SPSR Nellore (Dist.)*

Order No. F. No. 11-44/2011-IA.III, Date: 09-04-2012 & 01.05.2014

Background:

Sembcorp Energy India Limited Project-2 [formerly known as Sembcorp Gayatri Power Limited (SGPL)] is a leading independent power company in India. SEIL is promoted by Sembcorp Utilities Pvt. Ltd., which is part of the Singapore based Sembcorp Group.

SEIL Project-2 is currently consisting of 2x660 MW is under operation since November 2016.

The existing plant area lies between latitudes 14°20'39.07"N to 14°22'07.48"N and longitudes 80°08'11.06"E to 80°09'58.19"E.

CRZ Clearance for the project is obtained from Ministry of Environment & Forests, Vide F.No.11-44/2011-IA-III dated 09th April 2012 and amended on dated 1st May 2014. The condition wise compliance to the clearance letter is detailed below.





Order No. F. No. 11-44/2011-IA.III, Date: 09-04-2012 & 01.05.2014

| Compliance of CRZ Conditions | | |
|-------------------------------------|---|--|
| S. NO. | Condition | Compliance |
| Specific Conditions | | |
| | "Consent For Establishment" shall be obtained | Complied. |
| i. | from state pollution control board under air and water act and a copy shall be submitted to the Ministry before start of any construction work at the site. | CFE obtained and communicated. Ref: APPCB- Order. No.182/PCB/CFE/Ro-NLR/HO/2010- dated 23/03/2011. Currently the Plant is in Operation Stage. |
| ii. | A revised map showing the coordinates of HTL, 200m line, 500m boundary at discrete intervals 25m/50m etc. as appropriate shall be submitted to the Ministry prior to commencement of the work, in place of mere lines shown in the map prepared by authorized agency so as to enable verification of installations and compliance thereof on the ground later when the work is in progress. | Complied. National Centre for Sustainable Coastal Management (MoEF&CC) has carried out the revised mapping which was submitted to MoEF&CC vide Ref: SGPL/MoEF&CC/Chennai/EC/61 dated. 9 th Oct, 2018. |
| iii. | Periodic monitoring of water quality in terms of temperature, chlorine content if applicable, salinity etc. at the outfall location shall be carried out. If the impact of temperature and salinity is found significant in future, necessary remediation measures shall be taken by extending the outfall as well as the intake lines and/or providing augmentation in inland cooling facilities | Complied. Marine Outfall Water quality monitoring reports performed by MoEF&CC approved third party are attached as Annexure-I . |
| iv. | The proposed village road shall be extended up to sea shore in order to provide access to the public to the sea front. | Complied. |
| v. | Recreational park / amusement park, approach road etc. for public use shall be developed in consultation with user community. | Various CSR programs are being undertaken in consultation with public need identification. |



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| | Condition | Compliance |
|-------|--|--|
| vi. | Installation of trash bar / screen shall be put in place at the intake well to avoid fish entrapment. | Complied.  |
| vii. | The intake and outfall shall be buried pipelines and no open channel / cutting is permissible in CRZ areas. | Complied. |
| viii. | The outfall pipe shall be extended further by at least by 200 m into the sea and also it shall be ensured that the intake is properly located to avoid any recirculation. | Complied. The outfall pipe is extended more than 1000 m into the sea.  |
| ix. | The proponent shall commit himself to be one of the partners / proponents (who have undertaken / will be undertaking similar power projects in the close proximity of the site) as and when instructed by the MoEF / State government authorities in preparing a comprehensive EIA Report comprising both terrestrial / marine EIA components for the region and share the cost of the study and proposed mitigation measures for the coastal stretch as decided by the authorities in the interest of protecting the environment in its entirety. | Complied. SEIL Project-2 (formerly known as Sembcorp Gayatri Power Limited- SGPL) has partnered with MoEF/State Government Authorities in preparing an overall EIA report comprising both terrestrial/marine EIA components for the region and shared the cost of the study and proposed mitigation measures for the coastal stretch as decided by the Authorities in the best interest of protecting the environment. |



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| S. NO. | Condition | Compliance |
|--------|---|---|
| | Best possible dredging technology shall be adopted to minimize coastal impact Zero discharge from ash pond shall be ensured as proposed. | Complied. Ash pond water overflow is recycled and treated in High Rate Suspended Solid Clarifier and ETP. Treated water is being reused in green belt development & dust suppression. |
| x. | All the conditions laid by the State level Committee shall be strictly adhered to. | Complied. Compliance report submitted against conditions stipulated by State Coastal Management Authority Committee. |
| xi. | Construction activity shall be carried out strictly as per the provisions of CRZ notification, 2011. No construction work other than those permitted in Coastal Regulation zone | Complied. Construction activities completed in compliance with CRZ Notification, 2011. |
| xii. | Notification shall be carried out in Coastal Regulation zone area. | Currently the Plant is in Operation Stage. |
| xiii. | The project shall be executed in such a manner that there shall not be any disturbance to the fishing activity. | Complied. Project completed without any disturbance to the fishing activity. |
| xiv. | It shall be ensured that there is no displacement of people, houses or fishing activity as a result of the project. | Complied. Project completed without any displacement of people, houses & disturbance to the fishing activity. |
| xv. | The project proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safe guards under the supervision of a Senior Executive. | Complied. Environment Management Cell exists in the plant with suitable qualified personnel under the supervision of Head- HSE. |



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| S. NO. | Condition | Compliance |
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| xvi. | The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes. | Complying. Budget allocated for Environment Management was Rs.573.32 Crores as per EIA (page no.146). The amount has already been spent during 2010-2016. Currently the plant is in operation stage. However, continuous recurring cost for Environment management (DE, DS, DFDS, EQMS, CAAQMS, CEMS, Environment Monitoring, etc.) during operation is allocated in annual budget. |
| General Conditions | | |
| i. | Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality. | Complied. |
| ii. | Full support shall be extended to the officers of this Ministry / Regional Office at Bengaluru by the project proponent during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental protection activities. | Noted for compliance. |
| iii. | A six-monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of this Ministry at Bengaluru regarding the implementation of the stipulated conditions. | Complied. Six-monthly CRZ Compliance report [October 2021 to March 2022] submitted to MoEF&CC, APPCB vide letter ref. no. SEIL P2/MoEF&CC/Chennai/2022/004 Dtd. 27 th June 2022. |



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| iv. | Ministry of Environment & Forests or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary in the interest of Environment and the same shall be complied with. | Noted for compliance |
| v. | The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry. | Noted for compliance |
| vi. | In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment & Forests. | Noted for compliance |
| vii. | The project proponent shall inform the Regional Office as well as Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work. | Complied. |
| viii. | A copy of the clearance letter shall be marked to concerned Panchayat / local NGO, if any, from whom any suggestion / representation has been made received while processing the proposal. | Complied. |
| ix. | State Pollution Control Board shall display a copy of the clearance letter at the Regional Office, District Industries Centre and Collector's Office / Tehsildar's Office for 30 Days. | Complied. |



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| S. NO. | Condition | Compliance |
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| 9. | These stipulations would be enforced among others under the provisions of water (prevention and control of pollution) Act 1974, the air (prevention and control of pollution) Act 1981, the environment (protection) Act, 1986, the public liability (Insurance) Act 1991 and EIA notification 1994, including the amendments and rules made thereafter. | Noted. |
| 10. | All other statutory clearances such as the approvals for storage of diesel from chief controller of explosives, fire department, civil aviation department, forest conservation Act, 1980 and wild life (Protection) Act, 1972 etc., shall be obtained, as applicable by project proponents from the respective competent authorities. | Complied and all the necessary approvals are obtained from respective authorities. |
| 11. | The project proponent shall advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language 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 on the website of the Ministry of Environment and Forest at http://www. envfor.nic.in . The advertisement should be made within 10 days from the date of receipt of the clearance letter and a copy of the same should be forwarded to the regional office of this Ministry at Bangalore. | Complied and communicated. |



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| | Environmental Clearance is subject to final order of the Hon'ble Supreme Court of India in | Noted. |
| 12. | the matter of Goa Foundation Vs. Union of India in writ Petition (civil) No.460 of 2004 as may be applicable to this project. | |
| 13. | Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website. | Noted and compliance statement is being uploaded on Sembcorp website at https://www.sembcorpenergyindia.com/AboutUs/Disclosure |
| 14. | A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad / Municipal corporation, Urban local body and local NGO, if any from whom suggestions / representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent. | Complied. |
| 15. | 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. | Noted and uploaded on the Sembcorp company website. The reports are being sent to concern regulatory bodies. |



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| S. NO. | Condition | Compliance |
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| 16. | The Environmental statement for each financial year ending 31 st March in form-V as is 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. | Complied. Environmental Statement (Form-V) for each financial year is being submitted to APPCB and the same is uploaded on company Website. Reports are being submitted to respective regulatory bodies. |

