

File No: 11/100/2025-IA.III Government of India Ministry of Environment, Forest and Climate Change IA-III Section (CRZ) Centralized Processing Centre - Green



Dated 31/10/2025



To,

M/s MPSEZ Utilities Limited (MUL)

Adani Corporate House Shantigram,

Near Vaishno Devi Circle, SG Highway,

Khodiyar, Ahmedabad- 382421,

Gujarat

Email: mulmpp.fp@gmail.com

Subject:

Proposal for CRZ Clearance – Development of 400 kV D/C Transmission Line from Navinal SS to GPVC- 1 SS (Line3) for establishment of Transmission System, strengthening existing Transmission Scheme by M/s MPSEZ Utilities Limited (MUL) in Mundra, Kachchh District, Gujarat – regarding

Sir/Madam,

This has reference to your online proposal no. IA/GJ/CRZ/456232/2023 dated 27/06/2025 on the above-mentioned project proposal for CRZ Clearance, in accordance with the provisions of the Coastal Regulation Zone (CRZ) Notification, 2011 and as amended thereof issued under the Environment (Protection) Act, 1986.

- **2.** The Ministry of Environment, Forest and Climate Change has examined the proposal for CRZ Clearance for "Development of 400 kV D/C Transmission Line from Navinal SS to GPVC- 1 SS (Line3) for establishment of Transmission System, strengthening existing Transmission Scheme by M/s MPSEZ Utilities Limited (MUL) in Mundra, Kachchh District, Gujarat'.
- **3.** The proposal was considered by the Expert Appraisal Committee (EAC) for Infrastructure Development, Coastal Regulation Zone, Building/Construction and Miscellaneous projects, in its 419th meeting held on 03/10/2025. The Project Proponent (M/s MPSEZ Utilities Limited (MUL) and consultant (M/s Indomer Coastal Hydraulics (P) Ltd.) have made a presentation on above said proposal and informed the following salient

features of the proposal, including the details provided in the application of the project, to EAC:

1.	Brief description of	of the Project	under CRZ Not Development of Transmission Line GPVC- 1 SS (Line of Transmission S	400 kV D/C from Navinal SS to e3) for establishment ystem, strengthening ion Scheme by M/s
2.	Salient Features / Components of the Project activity:		1. The proposed projects involve construction of Tower foundation, erection, stringing and approach road to access tower locations. 2. 400 kV D/C TL from Navinal SS to GPVC – 1 SS (Line 3) of total line length 5.86 km out of which 4.083 km is passing through CRZ Zones namely: CRZ-1A, CRZ-1B and CRZ 3 (NDZ). 3. The proposed line involves 17 towers out of which 11 nos. of tower falls under CRZ-1A and 1 no. in CRZ-3 (NDZ) 4. The proposed transmission line involves total area of 26.9610 ha out of	
300	Cp	CCREE	which about 18.22 while 8.7379 ha. is	31 ha is forest area non-forest area.
3.	CRZ Report /Maps Prepared By		National Centre for Management (NCS)	r Sustainable Coastal CM)
4.	CRZ Categorization as per CRZ Report:			
	Proposed	CRZ IA	CRZ –IBs	CRZ III (NDZ)
	activities	Length in m	Length in m	Length in m
	Line 3: 400kV D/C Navinal SS to GPVC-1 SS	3771.85	147.78	163.56
	Approach Road	3671.19	146.22	132.78

5.	Applicability of EIA Notification 2006		No	
6.	NOC from SPCB		Not Applicable	
7.	Certified Compliance Report from IRO Expansion / Amendment Case		Not Applicable	
8.	Permissibility of project	t as per CRZ N	otification 2019 (r	mention the clause):
	Proposed activities CRZ Category Permissibi clause:		Permissibility clause:	
	Line 3: 400kV D/C	CF	RZ IA	
	Navinal SS to GPVC-1 SS	CF	RZ IB	Para 4 (ii) (d) and 8 I (i) (b)
V 1/2	Q THE		Development one)	
	Approach Road	CF	RZ IA	Para 3 (iv), Para 4 (i)
	7 (6)	CRZ IB		(g), Para 8 I (ii) (b)
e-Co	Tan Prote		Development one)	
3	Ca			200
9.	EIA Consultants details		Ltd., Chennai N	Coastal Hydraulics (P) NABET Certificate No: 26/RA 0315 valid till
10.	Baseline period for EIA		April 2025	
11.	Applicability of Terrestrial and Marine EIA		Marine EIA stud	y carried out and
12.	Anticipated impacts (Mention page no. of EIA)		Chapter – 4, fron	n Page no 4.1
13.	Mitigation measures proposed (Mention page no. of EIA)		Chapter – 4, fron	n Page no 4.1

14.	Disaster Management plan (Mention page no. of EIA)	Chapter – 7, from Page no 7.1
15.	Risk Assessment (Mention page no. of EIA)	Chapter – 7, from Page no 7.1
16.	Total Project Cost	Rs.14.61 crores
17.	Is project located in erosion prone area (Yes/No)	No
18.	If yes, specific the management plan	Mangrove Management Plan is prepared and given in Annexure III of the EIA report.
19.	EMP cost proposed (capital and recurring)	EMP Budget – Rs.62,02,000/-
20.	Forest Clearance Requirement	Yes. The proposal for diversion of about 18.2231 ha. of forest land applied under Forest Conservation Act. CCF – Kutch recommended the proposal to Nodal Office, Gandhinagar on 8 th July 2025 and the proposal was apprised by PSC-II in its meeting held on 17 th September 2025 and proposal is under progress.
21.	Wildlife Clearance Requirement	Not Applicable
22.	Proposed Green Cover	A total of 2200 mangrove plants i.e., 423 for foundation, 1441 for approach road and 336 in stringing corridor will be impacted on 1.7209 ha. of mangrove area (i.e. 0.3380 ha. for Tower Foundation and 1.3829 ha. for Access Road to Tower location) due to the proposed transmission line. However, mangrove plantation is formulated on higher side considering 3
		ha. of area (i.e. 0.74 ha. for Tower Foundation and 2.26 ha for Access Road to Tower location) falling under CRZ-1(A) instead of 1.7209 ha. of affected mangrove area

		As per prevailing norms, mangrove plantation / restoration over 9 ha. (i.e., three times of affected CRZ IA i.e. 3 ha.) has been formulated as part of EIA. However, GCZMA during appraisal of project recommended to carry out 50 ha. mangrove plantation under Green Credit Scheme in consultation with forest department OR deposit the amount for
	e-KYC	this purpose with Forest Department. In addition to this, GCZMA also recommended to carry out area development of 20 ha. Bunny Grassland in consultation with Forest Department.
23.	Proposed Budget for green cover development	In order to conserve the Mangroves in the project site, a total provision of Rs. 36/- lakhs including 2 years monitoring is earmarked for mangrove conservation plan. About Rs.27/- lakhs for initial year plantation and Rs.5/- lakhs for monitoring for two years. The compensatory mangrove plantation as recommended by EAC and accepted by MOEFCC as a part of CRZ clearance shall be implemented at the cost of company by respective authority/ forest department.
24.	Rain water Harvesting	Not applicable
25.	Proposed Budget for Rain water Harvesting	Not applicable
26.	Details of Tree cutting	Total 2200 mangrove plants (i.e. 423 for foundation, 1441 for approach road and 336 in stringing corridor) will be impacted on 1.7209 ha. of mangrove area due to the proposed transmission line.
27.	Mangrove Tree cutting	Total 2200 mangrove plants (i.e. 423 for foundation, 1441 for approach road and 336 in stringing corridor) will be impacted on 1.7209 ha. of mangrove

		area due to the proposed transmission line.
28.	Details of compensatory afforestation	As per prevailing norms, mangrove plantation / restoration over 9 ha. (i.e., three times of affected CRZ IA i.e. 3 ha.) has been formulated as part of EIA.
	e-KYC	However, GCZMA during appraisal of project recommended to carry out 50 ha. mangrove plantation under Green Credit Scheme in consultation with forest department OR deposit the amount for this purpose with Forest Department.
b's v	RIVE RECORDED	The compensatory mangrove plantation as recommended by EAC and accepted by MOEFCC as a part of CRZ clearance shall be implemented at the cost of company by respective authority/ Forest department.
29.	Proposed energy conserving measures	Not applicable
30.	Power Requirement and Source	DG Set may be required for illumination purposes only if required, as most of the work is carried out during the daylight. DG set shall be used during outage of power supply only.
31.	Water Requirement and Source	For Construction purpose: Total water requirement for the project will be 46 KLD which will be sourced through tankers.
		Domestic Purpose: Water supply for domestic purposes will be through tanker supply. Considering water consumption of 45 lit/person/day for various domestic purposes the total quantity of water required for manpower of 85 nos. is estimated to be 3.8 KLD.
32.	Wastewater Treatment and Re-use	Not applicable

33.	Solid waste Generation	Construction Phase:
		• Excavation will be carried out at 17 nos. tower locations for digging of foundation for towers. Total excavation will be 1840 m ³ . Excavated soil will be reused for backfilling and compacting tower base during foundation work.
		• About 30 kg/day of domestic waste is expected to be generated during construction phase. Waste such as Papers/plastics during construction stage will be collected and sent to nearby waste collection point for disposal.
		Operation Phase:
7	D P RESIDENCE	•No waste generation expected during operation phase of the project.
34.	Solid waste Management	Generated waste will be handled as per Solid Waste Management Rule 2016.
35.	Hazardous waste Management	Not applicable
36.	Resettlement & Rehabilitation	Not applicable
37.	Employment Generation	During Construction Phase (12 months):
70,		Permanent workers: 10
		Temporary workers: 75
		During Operation Phase (35 Years):
		Permanent workers: 2
		Temporary workers: 5
38.	Details of Litigation, if any	No litigation, in any court of law.
39.	Details of Ground water extraction	Not applicable
40.	Benefits	Reliability of power supply to existing & upcoming major industries (mostly process industries), Reduction in cost caused due to interruptions in power

		supply. Contribution to growth of national GDP Meeting the rising demand of electricity.
		● The project will generate employment opportunity for about 85 people from all skilled, semiskilled and unskilled streams during different stages of construction and about 7 people during operation phase.
41.	SCZMA Recommendation	The Gujarat CZMA has recommended the proposal <i>vide</i> letter no.ENV/10/2024/13/T, dated 18/09/2025 as per CRZ Notification 2011.

4. The Committee deliberated on the proposal based on the information submitted and the presentation made by the Project Proponent (PP). After detailed deliberations, the Committee observed that the proposed project activity is permissible under the provisions of the Coastal Regulation Zone (CRZ) Notification, 2011, and has also been recommended by the Gujarat Coastal Zone Management Authority (GCZMA). The PP explained that MUL's existing Main Receiving Substation (MRSS) 220/66/11kV is connected to the State Transmission Utility (STU) and the Inter-State Transmission System (ISTS) network through APL Thermal Power Station. The existing and upcoming major industries in the area are process-based industries that require a highly reliable power supply, as the cost of power interruptions is substantial. Considering the significant power demand, a comprehensive and integrated infrastructure is required to support the projected growth of the MUL network within the licensed area, ensuring a dependable and sustainable power supply. The Committee acknowledged the justification provided by the PP. Tower Nos. L3-6/1 and L3-7/1 fall within the mangrove/CRZ-IA area. However, these towers can be easily repositioned in non-mangrove areas without any change in the overall alignment, thereby avoiding unnecessary felling of mangroves. The project involves diversion of forest land and impact on mangrove trees. Accordingly, it was decided that prior Forest Clearance must be obtained before commencement of any work. The Committee also directed that compensatory afforestation at a minimum ratio of 1:3 i.e., three times the number of trees/areas affected shall be undertaken in consultation with the Forest Department. It was further emphasized that commencement of work on both forest and non-forest land shall be undertaken strictly in accordance with the provisions of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980, the Van (Sanrakshan Evam Samvardhan) Rules, 2023, and the consolidated guidelines/clarifications issued thereunder, as applicable. Additionally, the Committee stressed that all mitigation measures proposed

in the Environmental Impact Assessment (EIA) Report, as well as those outlined in the Environmental Management Plan (EMP) and Disaster Management Plan (DMP), must be implemented in full, without exception. The Committee further suggested that the PP may consider installing hybrid wind–solar off-grid power systems with battery storage, utilizing scalable and modular Vertical Axis Wind Turbines (VAWTs) approved by the National Institute of Wind Energy. These systems could be installed near transmission tower sites to enhance site security and provide lighting and mobile charging facilities for local residents and villagers. In response, the Project Proponent assured the Committee of full compliance with all stipulated conditions and commitments and, vide their email dated 03/10/2025, submitted a revised repositioning plan for towers L3-6/1 and L3-7/1. As per the revised plan, approximately 0.1352 ha of area and 143 mangrove trees have been saved from felling.

- **5.** After detailed deliberations and considering the submissions made by the project proponent, the committee has recommended the proposal for CRZ Clearance as per CRZ Notification 2011, subject to terms and conditions as stipulated during its 419th meeting held on 03/10/2025.
- 6. Based on the recommendation of the Gujarat Coastal Zone Management Authority and considering the submissions made by the project proponent, the Ministry of Environment, Forest and Climate Change, in acceptance of the recommendations of the Expert Appraisal Committee (CRZ), hereby accords CRZ Clearance to the project for 'Development of 400 kV D/C Transmission Line from Navinal SS to GPVC-1 SS (Line3) for establishment of Transmission System, strengthening existing Transmission Scheme by M/s MPSEZ Utilities Limited (MUL) in Mundra, Kachchh District, Gujarat' under the provisions of the CRZ Notification, 2011 and amendments thereto, subject to the compliance of terms and conditions as under:-

Specific Conditions

S. No	Specific Conditions
1	All construction shall be strictly in accordance with the provisions of the CRZ Notification, 2011, as amended from time to time.
2	The project work shall be undertaken as per the revised layout of the transmission line (limited to the repositioning of towers 6/1 and 7/1).
3	The alignment of temporary approach/access roads for the construction of towers shall, as far as possible, avoid mangrove areas. Suitable techniques for stringing the conductors - such as the erection of wooden or steel tubular platforms at intervals to support the heavy conductors - shall be adopted to minimize the possibility of felling or damaging mangroves.

S. No	Specific Conditions
4	Restoration of mangroves damaged during the construction of temporary approach roads and stringing operations shall be carried out in addition to the development of mangrove plantations, bunny grasslands, and other mangrove conservation measures stipulated in the GCZMA recommendations and conditions of forest clearance.
5	PP should place suitable Bird diverters on conductors of transmission line as per CEA guidelines.
6	The safety standards both during construction and operational stages should be of highest standards incorporating latest safety measures.
7	Project Proponent shall strive to enhance the tree plantation and those trees planted in this regard would be planted under the campaign "एक पेड़ माँ के नाम" (Ek Ped Maa Ke Naam) and the details of the trees planted would be uploaded on the portal https://merilife.nic.in ".
8	The commencement of work on non-forest and forestland shall be carried out in accordance with the extant provisions of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980, the Van (Sanrakshan Evam Samvardhan) Rules, 2023 and consolidated guidelines / clarifications issued thereunder, as applicable.
9	The Proponent should also put in place robust measures under the proposed Environmental Management Plan (EMP) to maintain the cleanliness of the creek and to prevent any adverse impacts on its ecological health.
10	All appropriate precautionary measures must be adopted to ensure the creek's water quality and adjacent mangrove during both construction and operation phases, and natural hydrological flow remains undisturbed.
11	Any mangrove trees that require removal must first be identified in consultation with Forest Department. Compensatory afforestation at a minimum ratio of 1:3 i.e., three times the number of trees/area removed must be undertaken in consultation with the Forest Department.
12	The mangrove area proposed to be cleared shall be compensated using ecological restoration methods and geo-tagged for monitoring the restoration/afforestation success. A restoration plan, prepared in consultation with the State Forest Department, shall be submitted to the IRO of the MoEFCC along with the first six-monthly compliance report. Progress on the implementation of the plan, at the project cost, shall be submitted to the IRO in subsequent six-monthly compliance reports.
13	Construction material/ debris generated during the project activity should be strictly implement in accordance with the Construction & Demolition Waste Management Rules, 2016.

S. No	Specific Conditions
14	All the mitigation measures listed in the EIA report should be implemented without any deviations. Measures/Initiatives proposed in the EMP and DMP should be implemented with proper annual accounting.
15	The project proponent should implement the highest standards of precautionary measures, safety protocols, during construction and operation phase.
16	Topsoil excavated during construction activities shall be stored for use in horticulture/landscape development etc. within the project site.
17	No groundwater shall be extracted within the CRZ area to meet the water requirements during the construction and/or operation phase of the project.
18	No storage reservoir for sea water shall be permitted.
19	Permanent labour camp, machinery and material storage shall not be set up in the CRZ area.
20	Temporary toilets will be provided for all construction labour. Suitable toilet fixtures for water conservation shall be provided. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators of pressure reducing devices or sensor based control.
21	Construction material and structures/scaffoldings erected for construction at site shall be cleared immediately after finishing construction and it shall be ensured that no construction waste, garbage and machinery or equipment are left post construction.
22	The Project Proponent shall comply order/direction, if any, issued by Hon'ble Court / tribunal on the project.
23	All the conditions stipulated by the Gujarat Coastal Zone Management Authority for CRZ clearance under CRZ Notification, 2011 <i>vide</i> letter no. ENV/10/2024/13/T, dated 18/09/2025 and commitments made by the PP before the Gujarat CZMA and EAC shall be followed in letter and spirit.
24	All necessary clearance from the concerned authority, as may be applicable should be obtained prior to commencement of project or activity.

General Conditions

S. No	General Conditions	
1	Management of solid waste in accordance with the Solid Waste Management Rules, 2016 shall be strictly implemented.	

S. No	General Conditions
2	'Consent to Establish' and /or 'Consent to Operate' shall be obtained from State Pollution Control Board under the provisions of Air (Prevention and Control of Pollution) Act, 1981 and / or the Water (Prevention and Control of Pollution) Act, 1974, as may be applicable.
3	Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of Competent Authority.
4	All liquid waste arising from the proposed development will be disposed of as per the norms prescribed by Central / State Pollution Control Board. There shall not be any disposal of untreated effluent into the sea / coastal water bodies. It shall be ensured that the wastewater generated is treated in the STP as committed by the project proponent. The treated waste water shall be reused for landscaping, flushing and / or HVAC cooling purposes etc. within the development. The project proponent should also make alternate arrangement for situation arising due to malfunctioning of STP. There shall be regular monitoring of standard parameters of the effluent discharge from STP under intimation to the SPCB.
5	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
6	A copy of the clearance letter shall be uploaded on the website of the concerned State Coastal Zone Management Authority/State Pollution Control Board. The Clearance letter shall also be displayed at the Regional Office, District Industries Centre and Collector's Office/Tehsildar's office for 30 days.
7	A six-monthly monitoring report shall need to be submitted by the project proponent to the concerned Regional Office of this Ministry regarding the implementation of the stipulated conditions.
8	The Ministry of Environment, Forest & Climate Change 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.
9	Full co-operation shall be extended to the officials from the Regional Office of MoEF&CC, during monitoring of implementation of environmental safeguards stipulated. It shall be ensured that documents/data sought pertinent is made available to the monitoring team. A complete set of all the documents submitted to MoEF&CC shall be forwarded to the concerned Regional Office of MoEF&CC.
10	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.
11	The Ministry reserves the right to add additional safeguard measures subsequently, if considered necessary, and to take action to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner, including revoking of the

S. No	General Conditions
	environment clearance under the provisions of the Environmental (Protection) Act, 1986, for non-compliance.
12	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 Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponent from the respective Competent Authorities.
13	The project proponent should 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 CRZ Clearance and copies of clearance letters are available with the State Pollution Control Board (SPCB) and may also be seen on the website of the Ministry of Environment, Forest and Climate Change at https://parivesh.nic.in/. The advertisement should be made within Seven days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the concerned Regional Office of this Ministry.
14	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.
15	The proponent shall upload the status of compliance of the stipulated 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&CC, the respective Zonal Office of CPCB and the SPCB.
16	The environmental statement for each financial year ending 31st 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 project proponent along with the status of compliance of clearance conditions and shall also be sent to the respective Regional Office of the Ministry by e-mail.

- **7.** This Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.
- **8.** The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the CRZ clearance, if implementation of any of the above conditions is not found satisfactory.
- **9.** Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.
- **10.** Any appeal against this CRZ clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

- 11. The above conditions shall be enforced, *inter-alia* under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.
- **12.** This is issued with the approval of the Competent Authority.

(Dr. H. Kharkwal)

Scientist 'F' (CRZ)

Copy To

- 1. The Principal Secretary, Forests & Environment Department, Government of Gujarat, Block 14, 8th Floor, Sachivalaya, Gandhinagar- 382010, Gujarat.
- 2. The Deputy Director General, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Gandhi Nagar A Wing- 407 & 409, Aranya Bhawan, Near CH-3 Circle, Sector-10A, Gandhi Nagar-382010, Gujarat.
- 3. The Member Secretary, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi 110032.
- 4. The Member Secretary, Gujarat Pollution Control Board, Paryavaran Bhavan, Sector-10A, Gandhinagar-382010, Gujarat.
- 5. The Member Secretary, Gujarat Coastal Zone Management Authority, Block No: 14/8th Floor, New Sachivalaya, Sector 10A, Sector 10, Gandhinagar-382010, Gujarat.
- 6. Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
- 7. Guard File/ Record File/ Notice Board/MoEF&CC Website.

(Dr. H. Kharkwal)

Scientist 'F' (CRZ)