

**Office of the Executive Engineer, E.H.V. Projects Division, Kalyan.**  
**II<sup>nd</sup> floor, 'A' wing, 'Tejashri Bldg.', Jahangir Maidan, Karnik road,**  
**M.S.E.T. Co. Ltd., Kalyan (W) 421 301.**  
**E-mail – ee7620@gmail.com, ee7620@mahatransco.in**

Ref. No. EE/EHV/ PR/DN/KLN/T-256-E / No

**00437**

Date: **20 FEB 2023**

To,  
The Deputy Conservator of forest  
Thane Forest Division,  
Thane.

**Sub :-** Diversion of 12.0225 Ha. Forest land for construction & laying of 220 KV LILO on M/C Transmission line on 220 KV Padghe-Wada & Kolshet-Wada Tr.line for 400 KV Kudus S/Stn.

**Ref: -** Integrated Regional Office Nagpur letter no. FC-II /MH-201/2022-NGP/10732 dated 8/12/2022.

Sr. No.	Description / Points	Compliance
i	The details report on violation of FCA, 1980 including nature and extent of violation, name of official persons responsible for violation and action taken thereof needs to be submitted.	Violation report attached separately.
ii	Since Eco- Sensitive Zone of Tansa Wildlife Sanctuary has not been notified, ESZ is deemed to be 10 km., accordingly, the state government shall obtain and submit comments from the PCCF (Wildlife), Maharashtra on any adverse impact of the proposal on the resident wildlife and mitigation measure thereof.	Pertain to PCCF (Wildlife) Nagpur.
iii	Alternative alignment has been examine only based of minimum forest area required, no other ecological parameters have been used. Accordingly, detail of Alternative examined before finalization of proposed one along with the details of corresponding attributes of Alternative examined viz. forest area involved, no of trees involved, tree density, and distance from the PAs etc. vis-à-vis feasibility of project and soft copies of KML needs to be submitted by the state Government.	Alternative has been examined & Alternative-I is more feasible than Alternative-II & III considering minimum forest area and all parameters. The KML File for Alternative-I, II & III is also submitted along with forest proposal. Then also CD for KML file is attached herewith for ready reference.
iv	State government has mentioned in their covering letter that "Concerned DCF shall ensure that proposed land and CA land is a forest land as per relevant documents". The exact legal status of the area identified for CA and proposed for diversion need to be certified by the state Government.	Pertaining to forest

Examined of Google imagery of proposed area revealed that by shifting alignment further north down to the existing highway around the hillock, a considerable forest area can be avoided. Further alignment is passing close to the Tansa and Dumdya River, however, same can be proposed diagonally through the agriculture field, which eventually will also reduce the length of the alignment. The State Government may revisit the alignment and detail report on possibility of shifting of the alignment as above need to be submitted.

At the time of detail survey this office has explored all the possibility to adhere the minimum forest criteria. Even though the some tower locations are proposed to be shifted, the reserve forest area cannot be avoided. It may further note that, some tower location is casted and also erected as per MSETCL design norms. Even if we change some portion of line alignment, this may cause alignment disturbances to the completed line work and due to improper balance there may be a possibility of twisting of the tower in natural exigencies. This may ultimately affects downstream power evacuation from 400kv Kudus substation to Thane area.

As some of the tower location is already casted in the non-forest location with design bisection angle of the foundation matching with the proposed tower locations. The shifting of route alignment of tower line will induce additional stress in existing tower locations. The same may result in an additional burden to the public service Utility like MSETCL. Moreover if route alignment (which is already casted location) changes from its original position, the new alignment will be passed through the local residential area of some villages, which is not feasible as per Electricity Rules.

1. The proposed line is expected for the reliable industrial supply in the kudus & adjoining industrial & residential area.
2. The industrial growth in the area may leads to generation of employment in the area & which further may expected to result in the overall development of area.
3. This is also to assure that due care will be taken for fixing the position of towers which is present in forest so as to avoid tree cutting (minimum & most required tree cutting will be carried out ) in the vicinity of line .


Considering the above points , it is not feasible to shift the line route alignment at this stage.

Therefore, in public interest it is kindly requested to consider the same for approval & further recommendation, please.

vi	It has been found through the satellite imaginary that most of the forest area and Reserve Forest in particular is under encroachment and activities like agriculture, pathways and construction of permanent structure are visible. The details note on the current land use of Reserve forest and action if any taken for removal of encroachment need to be submitted.	Route has been finalized and all the clearances are maintained as per I.E. rules and technically the route is feasible.
Vii	Forest patch wise area calculation statement, indicating the length and breadth, forest density has not been submitted. The same needs to be submitted along with detail of forest patches which are being bifurcated from the transmission line.	Area statement attached separately.
viii	Details of area available for plantation of dwarf species, preferably medicinal in clearance available under the conductor and scheme of plantation has not been provided in the proposal, same need to be submitted.	Undertaking attached separately.

As above compliances are submitted to your office in four copies for needful please.

**Encl:** As above.

  
(Vijay B. Aware)

**Executive Engineer**  
**E.H.V. Projects Div. Kalyan.**  
**Executive Engineer**  
**M.S.E.T Co. Ltd.**  
**E.H.V Project Dn. Kalyan**

**Copy s.w.r.to:**

1. The Superintending Engineer, EHV Projects Circle, Kalwa.
2. The Addl. Executive Engineer, S&I sub division Kalyan.

Project Name: Diversion of 12.0225 ha. forest land for construction & laying of 220 KV LILO M/C transmission line on 220 KVPadghe-Wada & Kolshet-Wada tr. line for 400 KVKudus substation passing through Thane District.

### VIOLATION REPORT

Sr. No.	Object	Particulars
1	Name of Agency	Maharashtra State Electricity Transmission Company Limited.
2	Name of Project	Diversion of 12.0225 ha. forest land for construction & laying of 220 KV LILO M/C transmission line on 220 KVPadghe-Wada & Kolshet-Wada tr. line for 400 KVKudus substation passing through Thane District.
2a	Whether the project is under EGS or Plan	No.
3	Location/Comptt No.	Shown in Area Statement attached separately.
	a) Village b) Taluka c) District	Eaksal, Chinchavali, Kunde & Dighashi. Bhivandi. Thane.
4	No and date of Technical Sanction	MBR NO. 112/26 DT. 17.11.2016.
5	No and date of Administrative approval	MBR NO. 112/26 DT. 17.11.2016.
6	Period of work on Forest land	2018-2019
	a) Date of starting work	Loc.No. 37 – 21-04-2018 Loc No. 38 – 05-04-2018
	b) Date of Stopping Work	Loc.No. 37 – 11-5-2018 Loc No. 38 – 27-04-2018

7.

Sr. No	Item	Location	Forest Land involved in item	Extent on violation of Forest Land	Amount Sanction on the item started	Amount on violation on item No. 2	Remarks
1	2	3	4	5	6	7	8
1	220 KV LILO M/C transmission line on 220 KVPadghe-Wada & Kolshet-Wada tr. line for 400 KVKudus S/S.	Loc. No. 37	12.0225 Ha.	0.015876 Ha.	4487598.62	4487598.62	
		Loc No. 38		0.0256 ha.	5599981.82	5599981.82	
	Total		12.0225 ha.	0.041476 Ha.	10087580.4	10087580.4	



8.

Sr.No.	Name of Work	Quantity	Expenditure	Period of work done
1	Diversion of 12.0225 ha. forest land for construction & laying of 220 KV LILO M/C transmission line on 220 KVPadghe-Wada & Kolshet-Wada tr. line for 400 KVKudus substation passing through Thane District.	Total 2 No. of Towers erected in forest area	10087580.4	2018-2019

9. Name of Officers responsible for violation.

Name of the Officer	Designation	Period of violation
Shri. T.P. Warule	Addl. Executive Engineer	2018-2019

10. Whether the violation case fit in the criteria in G.R. No. Revenue and Forest Department No FLD/1089/GR/475 Part2/F-10 dated 21/09/1991.

a) If yes in which para – No.

11. if not Why :- As the case is of transmission line proposal


12. Action propose by the agency against the officer responsible for violation.

Name of the Officer	Designation	Action Taken
Shri. T.P. Warule	Addl. Executive Engineer	Transferred to HVDC Padghe Substation

It is certified that the information in forgoing paras is verified by me and bound to be correct.

Place: Thane

Date: / /2021.

  
 (VIJAY AWARE)  
 Executive Engineer  
 EHV Project Division, Kalyan.  
 Executive Engineer  
 M.S.E.T Co. Ltd.  
 E.H.V Project Dn. Kalyan

## ACTION TAKEN REPORT

There is violation done on Loc.No. 37 and Loc.No. 38 on 0.041476 ha. of forest land. The violation has been done unknowingly and unintentionally as the project is in public interest project.

However higher authority of MSETCL has taken action against concerned MSETCL official i.e. Mr. T.P.Warule Addl.Executive Engineer by transferring him to the other office i.e. HVDC Padghe S/S which is not related to lines construction work. Copy of Action taken report attachment separately.

  
Executive Engineer  
M.S.E.T Co. Ltd.  
E.H.V Project Dn. Kalyan

No 003108  
17 JUL 2018

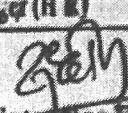
Tushar Prakash Varule,  
Additional Executive Engineer (Trans.),  
CPF No. 02228696; SAP ID 11777.  
16<sup>th</sup> July, 2018

To,  
The Executive Engineer,  
HVDC RS ID/OD Division, Padgha.  
MSETCL.

Subject: Joining Report

Reference:

- 1) Office Order: CE/EHV/PC O&M/ZONE/VSH/HR/172/No. 01635 dtd 29.06.2018
- 2) Office Order: EE/EHV/PR/DN/KLN/No./830 Dated 11.07.2018


H.V.D.C. R.S.O. & M. Circle, Padgha	
Date: 16 JUL 2018	
Inward No. 3701	
EE, Admin	
AFS, Civil	
AFS, E & A	
Manager (H R)	
 <b>Superintending Engineer</b>	

With reference to the transfer order under reference 1 and relieve order under reference 2; I, the undersigned Tushar Prakash Varule, Additional Executive Engineer (Trans.) am hereby reporting for my duty today on dated 16.07.2018, B.N. at "HVDC RS ID / OD Division, Padgha" under HVDC RS O&M Circle, Padgha.

Kindly consider this as my joining report.

Submitted for needful please.

Encl: Copy of office orders under ref. 1&2.

Joined on 16.07.18  
  
**Executive Engineer**  
 M.S.E. Transmission Co. Ltd.  
 500KV HVDC ID-OD Div., Padgha

Regards,

  
 (Tushar Prakash Varule)  
 Additional Executive Engineer (Trans.)

Copy s.w.rs.to,

The Superintending Engineer, HVDC RS O&M Circle, Padgha.

Millesh D  
 make necessary entry in comp.  
 to zone



CIN No. U40109MH2005SGC153646

**EHV PROJECTS CUM O&M ZONE, VASHI**

OFFICE OF THE CHIEF ENGINEER

4<sup>TH</sup> FLOOR, MSEB ADM. BLDG. PLOT NO. 5, SECTOR-17,  
VASHI, NAVI MUMBAI-400703

PHONE NO (Q22) 27666010 (P) / 27665994 (O) / 27665984 (O) FAX No. : 27662055

E-mail: [cevashi@mahatransco.in](mailto:cevashi@mahatransco.in) / [agmhr7000@mahatransco.in](mailto:agmhr7000@mahatransco.in)

CE/EHV/PC O&M/ZONE/VSH/HR/172/


**NO 1635**  
**OFFICE ORDER**

DATE: 29 JUN 2018

The powers delegated to the undersigned vide V<sup>th</sup> Schedule appended to the MSETCL Employee's Service Regulation 2012, the following Addl. Executive Engineer (Trans) working under EHV PC O&M Zone, Vashi are hereby transferred in the same capacity on administrative ground and posted to work at the places shown against their names in column No. 4 below.

Sr. No.	Name of the Employees & CPF No.	Present Place of Working	Place of Posting on Transfer	Remark
1	2	3	4	5
1	Vijay Chintaman Meshram (02204789)	400 kV RS O&M Dn., Padghe (Maint)	400 kV RS O&M Dn., Padghe (Shift) under HVDC RS O&M Circle, Padghe	Against Vacant post
2	Tushar Prakash Varule (02228696)	EHV Lines P.S/Dn., Kalyan under EHV Projects Dn., Kalyan	HVDC RS ID/OD Dn., Padghe (Maint) Under HVDC RS O&M Circle, Padghe	Vice Shri. Santosh Kawre transferred to SLDC
3	Nitin P. Dubewar (02212731)	400 kV RS O&M Dn., Kharghar (Shift) Under EHV O&M Circle, Panvel	EHV Projects Dn., Kalwa under EHV Projects Circle, Kalwa	Vice Mrs. Savitri Kulkarni Transferred
4	Mrs. Savitri C. Kulkarni (01996835)	EHV Projects Dn., Kalwa under EHV Projects Circle, Kalwa	220 kV Trombay S/Stn. under EHV O&M Dn., Bhandup	Against vacant post
5	Abhay Arvind Shangwai (02091381)	EHV O&M Dn., Panvel under EHV O&M Circle, Panvel	400 kV RS O&M Dn., Kharghar (Shift) under EHV O&M Circle, Panvel	Vice Nitin Dubewar Transferred
6	Yuvraj Natthuji Bagde (02038889)	400 KV S/S P.S/Dn. Wada under EHV Projects Dn., Kalyan	EHV Lines P. S/Dn., Panvel under EHV Projects Dn., Kalwa	Against Vacant post
7	Shekhar Nagnath Ambekar (02238527)	EHV Testing Dn. Panvel under EHV O&M Circle, Panvel	400 kV Testing Unit, Nagothane under 400 kV RS O&M Dn., Nagothane	Against Vacant post
8	Vasant V. Ghodpage (02011646)	EHV Project Dn., Kalyan under EHV Project Circle, Kalwa	400 kV RS O&M Dn., Padghe (Shift) Under HVDC RS O&M Circle, Padghe	Against Vacant post

1. The above Addl. Executive Engineer (Trans) will be held eligible for Transfer T.A. and Transfer grant etc. if change in their Head Quarter/residence.
2. They should be relieved immediately by making local arrangement and their relieve/joining report shall be sent to this office immediately.

  
(Satish Gaherwar)  
**CHIEF ENGINEER (I/C)**  
**EHV PC O&M Zone, Vashi**

1. HRS/SA/TRANS/172/ - per request transfer/172/ Office Order 1635/18

Regd. Office: - "Prakashganga", Plot No. C-19 "E" Block, Bandra-Kurla Complex, Bandra (E), Mumbai-400 051



**MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.**

**Office of the Executive Engineer,**

**E.H.V. Projects Division,**

II<sup>nd</sup> floor, 'A' wing, 'Tejashri Bldg.', Jahangir Maidan, Karnik road,  
M.S.E.T. Co. Ltd., Kalyan (W) 421 301.

Tel. – 0251 2328540 / Fax – 0251 2201657

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Ref. No. EE/EHV P/DN/KLN/No./ 830

Date: 11/07/2018

**OFFICE ORDER**

In pursuance of Office Order NO. CE/EHV/PC/O&M/ZONE/VSH/HR/172/01635, dt. 29.06.2018 Shri. Tushar Prakash Varule, Addl. Executive Engineer, CPF No. 2228696, SAP No. 11777 presently working at EHV Lines Projects Sub Division, Kalyan is hereby relieved on transfer on dt. 11/07/2018. A.N, so as to enable him to join on transfer in the same capacity on Administrative ground and posted to work at the HVDC RS ID/OD Dn., Padghe (Maint) Under HVDC RS O&M Circle, Padghe.

He has availed 05 days C. L. & 1 PH till the date of his relief.

(Vijay B. Aware)

Executive Engineer ,

EHV Projects Division, Kalyan

To,

Shri. Tushar Prakash Varule, Addl. Executive Engineer, (CPF No. 2228696, SAP No. 11777)  
EHV Lines Projects Sub Division Kalyan.

Copy s.w.r.to:


1. The C.E. E.H.V. CC O&M Zone, Vashi.


Copy to:

1. The S.E. HVDC RS O&M Circle, Padghe.
2. The S.E. EHV Projects Circle, Kalwa.
3. The E.E. HVDC ID/ OD Division, Padghe.
4. Addl. EHV Lines Projects S/Dn , Kalyan.
5. The Manager (HR/F&A), HVDC RS O&M Circle, Padghe.
6. The Manager [F&A / H.C.] EHV Projects Division Kalyan
7. P.B. Clerk

Name of Component	Name of Village	Forest Range	Forest Land Required						Village Wise Ha.	Legal Status of Land	Non-Forest land Required				Total Area in Ha.
			Survey No	Gut.No.	Comptt. No.	Length (m)	Width (m)	Area (Ha)			(sqm)	(Ha)	S.N./ Gut No.	Length (m)	
Construction & laying of 220kv Hlo m/c transmission line on 220kv padghe-wada & kolshet-wada tr line for 400kv kudus sub station passing through thane district.	1. Eaksal Tal:Bhivandi Dist: Thane	Padgha (T)	78	-	1012	1767	35	61845	6.1845	Reserved Forest	1 Land	149	35	5215	6.706
	2.Kusapur Tal: Bhivandi Dist: Thane	Padgha (T)	Nil	-	-	0	35	0	0	Nil	7	270	35	9450	0.945
	3. Chinchavali Tal: Bhivandi Dist: Thane	Padgha (T)	7	51	-	87	35	3045	0.3045	Protected Forest	20, 23, 22, 28, 24, 30, 31, 33, 34, 35, 42, 41, 46, 45, 49, 50.	1548	35	54180	5.7680
	4. Kunde Tal: Bhivandi Dist: Thane	Padgha (T)	8	52	-	13	35	455	0.0455	Protected Forest	River	116	35	4060	3.5105
			292/26	-	-	28	35	980	0.098	Protected Forest					
			292/1	-	-	202	35	7070	0.707	Protected Forest					
			293/3	-	-	53	35	1855	0.1855	Protected Forest					
			293/2	-	-	301	35	10535	1.0535	Protected Forest					
			293/1	-	-	98	35	3430	0.343	Protected Forest					
			54 PART	-	-	205	35	7175	0.7175	Protected Forest					
	5. Dighashi Tal: Bhivandi Dist: Thane	Padgha (T)	211/4A	-	-	367	35	12845	1.2845	Protected Forest	65, 64, 68, 70, 69, 71, 73, 72, 98, 161, 96, 83, 86, 5, 1, 7, 169, 12, 23, 10.	1994	35	69790	9.3625
	TOTAL			215	-	1013	314	35	10990	1.099	Reserved Forest		4077	35	142695

Sr. No.	Circle	Division	Type of Forest	Area in Ha.
1	Thane	Thane	Reserved Forest	7.2835
2			Protected Forest	4.7390
Total				12.0225

  
 (Vijay B. Aware)  
 Executive Engineer  
**M.S.E.I. Co. Ltd.**  
 E.H.V. Projects Dn. Kalyan

  
 Deputy Conservator of Forest  
 Thane Division, Thane.



# Certificate

## Compensatory Afforestation Area Suitability Certificate

**(By Deputy Conservator of Forests)**

**(Double degraded Forest land for Compensatory Afforestation)**

This is to certify that as per ACF & RFO report area as per the details given below as Double degraded Forest land suitable for compensatory afforestation, management purpose & also it is free from encroachment. For diversion of 12.0225 Ha of 220 kv LILO M/C Transmission line on 220 kv Padghe-wada & Kolshe-wada, TR. Line for 400 kv kodus s/s.

### Description of Land For Compensatory Afforestation (C.A.)

Sr. No.	Division	Range	Name of Village	Sur No / Gut No	Comp. No.	Area Suitable for CA (in ha.)	Status of Land
1.	Nanded	Hadgaon	Palsa	288	394 E	15.00	RF.
2.	Nanded	Mukhed	Shikara	58	545	10.00	RF.
<b>Total Area in Ha.</b>						<b>25.00</b>	

Place :- Nanded

Date :- 12/07/2022

**( Keshav Wable )**


Deputy Conservator of Forests  
Nanded Division, Nanded

**DIVERSION OF 12.0225 HA. FOREST LAND FOR CONSTRUCTION & LAYING OF 220 KV LILO M/C TRANSMISSION LINE ON 220 KV PADGHE-WADA & KOLSHET-WADA TR.LINE FOR 400 KV KUDUS SUB STATION PASSING THROUGH THANE DISTRICT.**

**C E R T I F I C A T E**

**( By project authority for the Plantation of Dwarf species)**

Certified that we, Maharashtra State Electricity Transmission Co. Ltd. (M.S.E.T.C.L.), the project authority, is agree to defray the Cost of Plantation of Dwarf species (preferably Medicinal Plants) for the proposal of "construction & laying of 220 KV LILO M/C transmission line on 220 KV Padghe-Wada & Kolshet-Wada tr. line for 400 KV Kudus substation passing through Thane district".

  
**(VIJAY B. AWARE)**  
**Executive Engineer**  
**EHV Project Division**

**Kalyan**  
**Executive Engineer**  
**M.S.E.T Co. Ltd.**  
**E.H.V Project Dn. Kalyan**

Place: Kalyan.

Date: 20/02/2023



