






MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LIMITED

CIN No.U40109MH2005SGC153646

<i>From the office of Chief Engineer (STU)</i>	
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MSETCL/CO/C.E.-STU/No.

002838

DATE: 20 MAR 2017

To,  
The Secretary,  
Maharashtra Electricity Regulatory Commission,  
13<sup>th</sup> Floor, Centre No.1, World Trade Centre,  
Cuffe Parade, Colaba,  
Mumbai-400005.



**Sub:** STU's Comments for amendments of Transmission Licence of Reliance Infrastructure Ltd (Licence No.1 of 2011) of EA 2003 & MERC Regulation, 2004.

**Ref:** 1. MERC Transmission License No.1 of 2011 dated August 11, 2011.  
2. MERC /CASE No.94 OF 2016/20162017/01590 dated 23 February, 2017.

Respected Sir,

Based on the petition filed by Rlnfra -T before MERC in case No. 94 of 2016 for seeking amendments to the said license to include 220 KV Bays at Rlnfra-Versova EHV Station and incorporating certain modifications to the existing and proposed systems of lines and bays.

**STU's comments are as follows:**

It is submitted that the establishment of 220 KV Bays at Rlnfra-Versova EHV Section was recommended for strengthening of Mumbai Transmission Network and the said scheme is part of the STU five year plan FY 2017-2022.

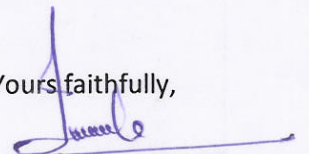
The scheme has been approved by STU vide letter no. MSETCL/CO/STU/2038 dated 17.02.2016 & by MERC vide letter no. MERC/Rlnfra-T/capex/2016-2017/00182 dated 10.05.2016.

The Connection Agreement is signed by Rlnfra & TPC on 20.01.2016. Thus STU has no objection to the proposed bays being added to the licence of Rlnfra Transmission in Licence No.1 of 2011. Rlnfra in the said petition, has also asked for modification to the existing and proposed systems of the lines and bays. For bays, lines commissioned, STU has made site visit jointly & found the submission of Rlnfra to be correct.

However, the details of the lines and bays relevant for the purpose of the instant Licence amendment Petition and the commissioning report for each are enclosed herewith as **Annexure A**.

Submitted for further needful please.

Thanking You.

Yours faithfully,  
  
Chief Engineer (STU)

ENCL: As above

Copy to:

Rlnfra Mumbai Transmission ( 220 kV Aarey EHV Substation, Off Jogeshwari Vikhroli Link Road



**ANNEXURE A**

“Proposed System – Transmission Lines”

* Sr. No. as per License Order	Line Name	Remark
5	220 kV MSETCL Borivili-Gorai-1 transmission line from MSETCL Borivili EHV sub-station to Gorai EHV sub-station	Line is commissioned & Commissioning report submitted to MERC vide reference
6	220 kV MSETCL Borivili-Gorai-2 transmission line from MSETCL Borivili EHV sub-station to Gorai EHV sub-station	<b>Phase-I</b> letter no TD-196/VGS/2010 dated 31st March 2011 <b>Phase-II</b> D/C 220 kV cable R Gorai -M Borivali Commissioning report letter no TD-108/SGH/2012 dated 08/03/2013
9	220 kV MSETCL Borivili-R Borivili-1 transmission line from MSETCL Borivili EHV sub-station to Rlnfra Borivili EHV sub-station	Line is commissioned & Commissioning report submitted to MERC vide reference
10	220 kV MSETCL Borivili-R Borivili-2 transmission line from MSETCL Borivili EHV sub-station to Rlnfra Borivili EHV sub-station	<b>Phase-II</b> letter no Rlnfra TD/112/SGH/2012 dated 12/03/2013
11	220 kV Chembur-Trombay-1 transmission line from Chembur EHV sub-station to MSETCL Trombay EHV sub-station	Line is commissioned & Commissioning report submitted to MERC vide reference letter no.TD-58/SGH/2012 dated 29 August 2012
12	220 kV Chembur-Trombay-2 transmission line from Chembur EHV sub-station to MSETCL Trombay EHV sub-station	
13	220 kV MSETCL Boisar-Ghodbunder-1 transmission line from MSETCL Boisar EHV sub-station to Ghodbunder EHV sub-station	Line is commissioned & Commissioning report submitted to MERC vide reference letter no TS-79/SGH/2011 dated 15.02.2012
14	220 kV Ghodbunder-MSETCL Borivili-1 transmission line from Ghodbunder EHV sub-station to MSETCL Borivili EHV sub-station	

\* Actual line length data is based on Rlnfra submission in MYT Petition in Case No. 13 of 2016

*Blaw*  
(PRAVIN PHOKMARE)

*Verified*  
*M. S. B. Patil*  
Executive Engineer  
STU (Regulatory)  
M.S.E.T.C.L.

*EE (R)*


SE (STU)  
SE (R&C)  
C.E. (S.U.)  
17/3

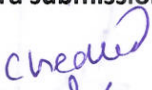
*Radha*  
(RADHA PRASAD MUNI)  
RINFRA - T


## Proposed System List of EHV Substation bays”

# Sr. No. as per License Order	Bays Name	Remark
2	220 kV bays at 220 kV Gorai EHV sub-station	Scheme commissioned & Commissioning report submitted to MERC vide reference letter <b>Phase-I</b> letter no TD-196/VGS/2010 dated 31st March 2011 <b>Phase-II</b> D/C 220 kV cable R Gorai -M Borivali Commissioning report letter no TD-108/SGH/2012 dated 08/03/2013
3	220 kV bays at 220 kV Rlnfra Borivili EHV sub-station	Scheme commissioned & Commissioning report submitted to MERC vide reference letter <b>Phase-I</b> letter no Rlnfra TD/105/SGH/2011 dated 26 /03/ 2012 <b>Phase-II</b> letter no Rlnfra TD/112/SGH/2012 dated 12/03/2013
4	220 kV bays at 220 kV Chembur EHV sub-station	Scheme commissioned & Commissioning report submitted to MERC vide reference letter TD-58/SGH/2012 dated 29 August 2012
5	220 kV bays at Rlnfra Ghodbunder EHV sub-station	Scheme commissioned & Commissioning report submitted to MERC vide reference letter TS-79/SGH/2011 dated 15.02.2012
10	MSETCL Trombay	Scheme commissioned & Commissioning report submitted to MERC vide reference letter TS-02/SGH/2012 dated 02.04.2012
	MSETCL Borivali	Scheme commissioned & Commissioning report submitted to MERC TS-84/SGH/2012 dated 22.02.2012

# Actual bays data is based on Rlnfra submission in MYT Petition in Case No. 13 of 2016

  
(PRAVIN PHOKMARE)  
RINFRA - T

  
Executive Engineer  
STU (Regulatory)  
E.T.C.L.

  
(RADHA PRASAD MUNI)  
RINFRA - T

Lines proposed to be removed from the License

Sr. No. as per License Order	Line Name	Remarks
3	220 kV Ghodbunder-Gorai-2 transmission line from Ghodbunder EHV sub-station to Gorai EHV sub-station	Based on DPR Closure report sent by RInfra-T to MERC (RInfra-T/MERC/SCR/FY16-17/Gorai EHV Station/01 dated 16.08.2016)
4	220 kV Gorai-Versova-2 transmission line from Gorai EHV sub-station to Versova EHV sub-station	
7	220 kV TPC Borivili-RInfra Borivili-1 transmission line from TPC Borivili EHV sub-station to RInfra Borivili EHV sub-station	Based on DPR Closure report sent by RInfra-T to MERC (RInfra-T/MERC/SCR/FY16-17/Borivali EHV Station/01 dated 16.08.2016)
8	220 kV RInfra Borivili-Aarey-1 transmission line from RInfra Borivili EHV sub-station to Aarey EHV sub-station	

Bays proposed to be removed from the License

Sr. No. as per License Order	Bays Name	Remarks
7	220 kV bays at 220 kV Nagri Niwara EHV Station	-MERC letter MERC/RInfra-T/CAPEX/2016-17/00141 dated 02 May, 2016, MSETCL has proposed setting up of EHV Station  In view, RInfra-T will not execute this substation at present. RInfra-T has already submitted a revised DPR (RInfra Aarey-MSETCL Borivali cable connectivity) excluding substation to the Hon'ble Commission, for which in-principle approval received on 07.02.2017

*(Signature)*  
(PRAVIN PHOKMARE)  
R INFRA-T

*(Signature)*  
S. B. Patil 4/3  
Executive Engineer  
STU (Regulatory)  
M.S.E.T.C.L.

*(Signature)*  
(RADHA PRASAD MUMI)  
R INFRA-T

