



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road, Transport and Highways, Government of India)

परियोजना कार्यान्वयन, इकाई. सोलापूर (महाराष्ट्र)

Project Implementation Unit, Solapur (Maharashtra)



सत्यमेव जयते

कार्यालय : पुणे-सोलापूर राजमार्ग के निकट, मौजे बाले, जिला सोलापूर-४१३२५५, महाराष्ट्र
Office : Adjacent to Pune-Solapur Highway, Mauje Bale, Dist. Solapur-413255 Maharashtra
Ph.No. 0217-2303379 * ई-मेल/Email : solapur@nhai.org * वेब /Web : https://nhai.gov.in

No. : NHAI/PIU/SLP/NH-65/Sol-Mah-Knt Border/EHV/2025/2945 Date: 7/11/2025.

INVITATION OF PUBLIC COMMENTS

Sub: Four Lanning of Solapur - Mah /Kar Border Section of NH-9 from Km 249+000 to 348+800 in the state of Maharashtra on (DBFOT) Basis under NHDP Phase III - Request for obtaining permission for national highway crossing of proposed 132 kv Tata Power Renewable Energy Ltd. Wind PSS Jewali to 132 kv Naldurg s/stn. SCDC tr. Line (101 MW) - Reg.

Ref.:-

- Project Manager, Tata Power Renewable Energy Ltd. letter no. TATA/EHV/JEWALI/101MW dated 08.10.2025 (RD 31.10.2025).

Sir,

Project Manager, Tata Power Renewable Energy Ltd. has submitted proposal for obtaining permission for national highway crossing of proposed 132 kv Tata Power Renewable Energy Ltd. Wind PSS Jewali to 132 kv Naldurg s/stn. SCDC tr. Line (101 MW) vide ref. at (i) above.

- As per the guidelines, issued by the Ministry vide OM No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, the application shall be put out in the public domain for 30 days for seeking claims and objections (on grounds of public inconvenience, safety and general public interest).
- In view of the above, comments of the public on the above application is invited to the below mentioned address, which should reach to this office within 30 days from the date of publication beyond which no comments shall be entertained.

The DGM (Tech.) & Project Director,
National Highways Authority of India
Project Implementation Unit, Solapur
Plot No. E-2, Jalaram Nagar, Solapur,
Maharashtra, Pin - 413004.

धन्यवाद!

भवदिय,



(स्वप्निल कासार),

उपमहाप्रबंधक (त) तथा परियोजना निदेशक,
भा.रा.रा.प्रा., इकाई. सोलापूर

संलग्न: उपरोक्त.

Copy to:-

- CGM (Tech) RO Mumbai - for information please.
- Project Manager, Tata Power Renewable Energy Ltd. for information.
- Authorized Signatory, M/s. DCSL-SSSPL, Solapur for information.
- Authorized Signatory, M/s. STPL for information & consent.
- Master file.

3412



Ref: TATA/EHV/JEWALI/101MW/

Date: 08.10.2025

To,

The Project Director

NHAI, PIU

Solapur

Sub :- Submission of proposal for National Highway Crossing of Proposed 132kV TATA Power Renewable Energy Ltd. Wind PSS Jewali To 132kV Naldurg S/stn. SCDC Tr.line (101MW) Developer by M/s. TATA Power Renewable Energy Ltd

Ref:- 1) The CE(STU)s Grid Connectivity Ltr No. MSETCL/CO/STU/Wind/5948 dtd. 03.09.2025.

With reference to above subject, please find enclosed herewith the detailed proposal in the prescribed format along with all relevant document to obtain NOC for National Highway Crossing Proposed 132kV TATA Power Renewable Energy Ltd. Wind PSS Jewali To 132kV Naldurg S/stn. SCDC Tr.line. head crossing to National highway (NH-65) near village Naldurg, Tq:- Tuljapur, Dist::- Dharashiv.

Hence it is kindly requested to issue the NOC at an earliest.

Thanks & Regards.

M/s. TATA Power Renewable Energy Ltd.

M/s. Arnab Electricals Pvt. Ltd. (Contractor)



**Project Manager, M/s. TATA
Power Renewable Energy Ltd.at
Site Jewali.**

Contact No.:- 7620380155

Encl: As above

Tata Power Renewable Energy Limited

(Formerly known as Industrial Power Infrastructure Limited)

C/o The Tata Power Company Limited

Corporate Centre, A Block, 34, Sani Tukaram Road,

Carnac Bunder, Mumbai 400 009.

Tel : 91 22 6717 1000 Extn : 1626

GIN : U40108MH2007PLC168814

भा.रा.रा.प्रा. पकाई, सोलापूर	
आवक क्र.	3412
दिनांक	31/10/2022

(04 Files)



TO WHOMSOEVER IT MAY CONCERN

This is to certify that M/s Arnav Electricals Private Limited is hereby authorized by M/s Tata Power Renewable Energy Ltd to act as our representative for matters pertaining to the establishment of the 101 MW Wind Project at Village Jevali & Dastapur, Tal – Lohara, Dist. Dharashiv.

The scope of authorization shall include, but not be limited to:

1. Submitting documents to Maharashtra State Electricity Transmission Company Limited (MSETCL), Maharashtra State Electricity Distribution Company Limited (MSEDCL), and the Chief Electrical Inspector to the Government (CEIG) , NHAI Crossing Approval.
2. Coordinating with relevant statutory and regulatory authorities.
3. Attending meetings on behalf of by M/s Tata Power Renewable Energy Ltd
4. Following up on project-related processes and approvals.
5. Preparing, submitting, and receiving documents related to power evacuation works.

It is hereby clarified that M/s Arnav Electricals Pvt. Ltd. is authorized to sign the documents related to MEDA, NHAI Crossing Approval, MSEDCL, and MSETCL on behalf of M/s Tata Power Renewable Energy Ltd.

This authorization is granted as per project requirements and shall remain valid until further notice,

Thanking you,

For M/s Tata Power Renewable Energy Ltd.



[Authorized Signatory]

Tata Power Renewable Energy Limited

(Formerly known as Industrial Power Infrastructure Limited)

C/o The Tata Power Company Limited

Corporale Centre, A Block, 34, Sant Tukaram Road,

Carnac Bunder, Mumbai 400 009.

Tel : 91 22 6717 1000 Extn : 1626

CIN : U40108MH2007PLC168314

MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.

<p>FROM OFFICE OF THE: Superintending Engineer, EHV Projects Circle, Administrative Building, Wing 204, 2ndFloor, 132kV Harsool S/s Premises, Opposite Central Jail, N-11, Harsool, Chhatrapati Sambhajanagar – 431 001 , Email ID : se2600@mahatransco.in; seprjmsetcl2600@gmail.com</p>	<p>To, The Executive Engineer, EHV Projects Division, MSETCL, Latur.</p>
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SE/EHV/PCA/Tech/No.

00929

Date: 03 SEP 2025

Sub :	Evacuation of 101 MW Wind Power Project proposed by M/s. Tata Power Renewable Energy Ltd. at site Jewali Tq:-Lohara Dist:-Dharashiv. -----Detail survey Tower profile, Tower schedule, route map & Village map approval for 132kV line from M/s. Tata Power Renewable Energy Ltd 132kV PSS to MSETCL's 132kV Naldurg S/s thereof.
Ref :	<ol style="list-style-type: none"> 1. MSECL/CO/STU/WIND/5948, Dt: 01.07.2025—GC 2. Scheme approval- CMD/MSETCL/923, Dt: 11.08.2025 for an amount Rs. 43.21 Lakhs 3. Provisional demand note for Rs. 72.48 Lakhs v.l.no. MSETCL/CE/PS /SCH-I/SOLAR/7142, Dt: 13.08.2025 4. Supervision charges Rs. 72.48 Lakhs paid by developer vide Receipt No. 40428 Dated 14/08/2025 5. Agency's L.No. 1, Dt: 18.08.2025 6. Addl.EE/S&I/SDN/LTR/, Dt: 26.08.2025 7. EE/EHV/PROJ/LTR/TECH/916, Dt: 26.08.2025 (Received on 28.08.2025)

In connection to the above subject, CE (STU) has issued grid connectivity for Evacuation of Evacuation of 101 MW Wind Power Project proposed by M/s. Tata Power Renewable Energy Ltd. at site Jewali Tq:-Lohara Dist:-Dharashiv vide letter under ref. (1).

The scheme on block estimate for above said project is sanctioned by C.O, Mumbai vide letter u/r (2) & supervision charges paid by developer vide receipt u/r (4).

Now, the duly recommended **Detail survey Tower profile, Tower schedule, route map & Village map** in r/o 132kV line from M/s. Tata Power Renewable Energy Ltd 132kV PSS to MSETCL's 132kV Naldurg S/s for proposed 101 MW Wind Power Project proposed by M/s. Tata Power Renewable Energy Ltd. at site Jewali Tq:-Lohara Dist:-Dharashiv is submitted for approval vide under ref (7).

The same are verified by ADEE, S&I, S/Dn, Latur & recommended by EE, EHV Project Division, Latur vide letter u/r (6) & (7) respectively.

As per the recommendation from EE, EHV Project Division, Latur, the submitted **Detail survey Tower profile, Tower schedule, route map & Village map** in r/o 132kV line from M/s. Tata Power Renewable Energy Ltd 132kV PSS to MSETCL's 132kV Naldurg S/s are found in order & the same is approved subject to resolution of ROW, forest clearance, railway, MIDC, PTCC, highway/road crossing/ Eco-sensitive Zone if any & all other statutory clearance and maintaining vertical & horizontal clearances during actual execution as per IE rule by respective agency.

The details of approved tower schedule are as below;

S.N	Name of Project	Details
1	132kV line from M/s. Tata Power Renewable Energy Ltd 132kV PSS to MSETCL's 132kV Naldurg S/s Energy (Dolvi) at site 177,188, Harali, Tq. Lohara, Dist. Dharashiv	18.379 KM

The details of Tower type are as below:

S.N	Type of Tower	0 M	+3	+6	+9	+12	Total
1	P	0	3	11	3	0	17
2	Q	0	0	0	0	0	0
3	R	0	3	7	10	2	22
4	S	0	15	10	4	0	29
	SD Tower	4					4
	TOTAL						72

From Loc No. 65 to 132kV Naldurg S/s end, termination construction activities should be initiated with due consultation of EE, EHV Project Division, Latur

The approval is accorded to the above without prejudice to all other terms and conditions of the Grid Connectivity and does not absolve the agency of their responsibility in executing the work as per MSETCL'S specifications and meeting the Statutory requirements.

It is to note that, if any changes occur during the execution of work, the said approval stands cancelled and revised Tower schedule, profile & route map is required to be submitted to this office for approval.

In addition to this, concern agency will submit the ROW proposal of the said line to the concerned District Collector before starting the work of the line.

Any anomaly/discrepancy in the approved profile & tower schedule should be brought to notice of MSETCL before inspection/procurement of material as above. Material procurement is subject to Grid Connectivity specifications & actual site requirement quantity only.

This is for your further needful action please.



(S.M.Suradkar)
Superintending Engineer
EHV Project Circle,
Chhatrapati Sambhajinagar

Copy wrs to:

The Chief Engineer, EHV Projects cum O&M Zone, Chhatrapati Sambhajinagar.

LOC NO	Tower Type	Position Angle (DMS)	Span (ft)	Section Length (ft)	Minimum ground clearance (ft)	HT Clearance	LT Clearance	Wind Span (ft)	Adjacent Span	Weight Span (Tall)	Weight Span (Short)	Major Crossing (with in 200' either side from U/L) Remarks	Existing	Re footing	Elevation	Twr Elev	Graphic Coordinates			
								Left	Right	Left	Right						Latitude			
1	S-6	0	191.30	191.3	16.5			95.7	0.0	191.3	191.3	0.0	78.0	78.0	644.403.13	1,976,947.74	638.70	6.0	76°21'46.315"E	17°52'31.0835"N
2	S-6	25°31'5"RT	286.00	286.00	13.8			286.7	291.3	286.0	477.3	113.3	144.0	257.4	644.212.54	1,976,931.38	634.94	6.0	76°21'40.346"E	17°52'31.5065"N
3	R-4	0	229.60	229.60	11.9			257.8	286.0	229.6	515.6	142.0	90.0	231.9	643.945.50	1,977,033.80	631.88	9.0	76°21'31.287"E	17°52'35.0016"N
4	S-6	24°40'2"RT	335.30	335.3	10.9			282.5	229.6	335.3	564.9	130.6	198.6	338.2	643.731.11	1,977,116.03	633.92	9.0	76°21'34.026"E	17°52'37.2273"N
5	R-4	0	195.70	195.70	16.2			265.5	335.3	195.7	531.0	186.7	143.0	290.7	643.398.88	1,977,161.33	633.12	6.0	76°21'42.248"E	17°52'39.2794"N
6	S-3	6°17'09"LT	316.70	512.4	9.6	4.2		256.2	195.7	316.7	512.4	52.7	97.4	150.1	643.210.98	1,977,106.61	630.88	6.0	76°21'46.351"E	17°52'37.5437"N
7	S-6	40°45'01"LT	301.10	301.1	10.3			308.9	316.7	301.1	617.8	219.3	138.5	357.8	642.906.92	1,977,018.06	629.96	3.0	76°20'56"E	17°52'34.7377"N
8	R-4	18°17'24"LT	282.20	282.2	12.9			291.7	301.1	282.2	583.3	162.6	152.8	315.4	642.628.80	1,976,902.74	638.29	6.0	76°20'46.523"E	17°52'31.0465"N
9	S-3	38°39'46"RT	304.40	282.2	10.4			293.3	282.2	304.4	586.6	129.4	231.6	361.0	642.501.87	1,976,650.66	637.08	6.0	76°20'42.149"E	17°52'22.8781"N
10	R-3	7°30'31"LT	262.10	262.1	10.5			283.3	304.4	262.1	566.5	72.8	155.6	228.4	642.456.35	1,976,349.66	631.22	3.0	76°20'40.291"E	17°52'13.0377"N
11	P-3	0	322.30	262.1	9.9			307.2	262.1	322.3	614.4	106.5	172.5	279.0	642.259.76	1,976,176.32	628.86	3.0	76°20'33.808"E	17°52'10.0927"N
12	P-6	0	348.50	348.50	8.2			340.9	352.3	329.5	681.8	179.8	158.7	338.5	642.259.76	1,976,176.32	628.86	3.0	76°20'33.808"E	17°52'10.0927"N
13	S-6	34°34'46"RT	269.50	950.3	13.5			299.0	329.5	268.5	598.0	170.8	187.1	357.9	642.028.72	1,975,910.41	629.33	6.0	76°20'25.894"E	17°51'58.9087"N
14	R-6	19°23'49"RT	359.00	359.0	7.8			313.8	286.5	359.0	627.5	81.4	174.6	256.1	641.812.59	1,975,661.65	627.06	6.0	76°20'18.491"E	17°51'50.8627"N
15	R-6	9°01'33"LT	213.20	359.0	6.3			286.1	359.0	213.2	572.2	184.4	208.3	304.7	641.656.51	1,975,459.00	621.86	6.0	76°20'12.460"E	17°51'44.1487"N
16	S-6	50°17'01"LT	351.60	213.2	9.8			282.4	213.2	351.6	564.8	4.9	227.9	233.7	641.289.06	1,975,298.48	622.50	6.0	76°20'08.635"E	17°51'42.1017"N
17	R-6	4°38'08"RT	360.00	351.6	7.8			355.8	351.6	360.0	711.6	123.7	145.5	268.3	640.726.91	1,975,361.06	607.84	6.0	76°19'54.503"E	17°51'41.3647"N
18	P-6	0	344.00	360.0	8.9			332.0	360.0	344.0	704.0	214.5	155.0	300.5	640.516.12	1,975,009.44	612.59	6.0	76°19'54.503"E	17°51'41.3647"N
19	P-3	0	269.80	360.0	11.6			298.2	325.6	269.8	506.4	168.6	194.9	303.4	640.293.84	1,974,806.85	614.53	6.0	76°19'56.897"E	17°51'22.4117"N
20	P-6	0	316.60	360.0	9.1			298.1	316.6	279.6	506.2	174.8	149.5	344.2	640.082.84	1,974,557.59	615.16	6.0	76°19'42.497"E	17°51'08.8277"N
21	R-4	0	279.60	304.8	16.4			304.8	279.6	329.9	600.5	130.1	218.5	348.7	639.703.97	1,974,110.02	611.14	6.0	76°19'42.497"E	17°51'08.8277"N
22	R-9	129°41'31"LT	329.90	329.90	14.8			300.6	329.9	271.3	601.2	111.4	86.9	198.1	639.533.31	1,973,896.59	604.15	12.0	76°19'02.299"E	17°50'53.9765"N
23	P-6	0	271.30	1,866.5	14.6			309.0	271.3	346.6	617.9	184.4	162.6	347.0	639.310.13	1,973,644.77	600.67	9.0	76°19'52.897"E	17°50'45.8134"N
24	P-6	0	346.60	346.60	9.1			350.5	346.6	354.4	701.0	184.0	144.0	329.0	639.182.01	1,973,405.60	606.52	6.0	76°19'48.588"E	17°50'38.0823"N
25	R-12	0	354.40	354.40	11.4			340.8	354.4	327.1	681.5	209.5	266.2	475.7	639.018.36	1,973,100.12	609.88	6.0	76°19'42.357"E	17°50'28.1821"N
26	R-9	0	327.10	327.10	14.4			344.9	327.1	302.7	689.8	60.0	200.0	200.9	638.851.03	1,972,787.76	608.07	12.0	76°19'37.199"E	17°50'18.0588"N
			362.70		7.7										638.606.59	1,972,490.46	594.76	6.0	76°18'31.894"E	17°50'6.7153"N

MSETCL

M/S SUVOG URJA PVT LTD

LOC NO	Tower Type	Denotation Height (MMS)	Span (m)	Section Length (m)	Minimum ground clearance (m)	Clearance LT Clearance	Wind Span (m)	Adjacent Span Left	Adjacent Span Right	Weight Span (Total)	Weight Span (Left)	Weight Span (Right)	Major Crossings (with in 2km either side from C/L) Remarks	Ending	Notching	Elevation	Tor East	Grid Coordinate Easting	Grid Coordinate Northing
27	P-3	0	332.60		9.4		347.7	362.7	332.6	605.3	142.7	127.3		638,525.31	1,972,179.73	390.62	3.0	76°18' 25.991"E	17°49' 58.531"N
28	R-9	0	318.00		13.2		345.3	332.6	318.0	650.6	205.3	335.6	CART TRACK	638,368.25	1,971,886.53	393.37	9.0	76°18' 20.589"E	17°49' 48.595"N
29	R-9	0	324.90		13.3		331.5	318.0	324.9	642.9	-17.8	156.9	CART TRACK, LT LINE	638,218.09	1,971,606.24	377.76	9.0	76°18' 15.403"E	17°49' 39.765"N
30	S-9	25°28' LT	222.30	2,637.6	20.0	8.2	272.6	324.9	222.3	547.2	168.0	110.3	LT LINE	638,064.98	1,971,319.86	378.42	9.0	76°18' 10.142"E	17°49' 30.485"N
31	S-9	17°25'00' LT	182.50	222.3	20.7	12.0	202.4	222.3	182.5	404.8	112.0	38.2	NR ROAD PUNE, SOLAPUR, LT LINE	638,053.23	1,971,097.79	378.49	9.0	76°18' 9.724"E	17°49' 23.627"N
32	R-9	12°40'20' LT	111.80	182.3	21.6	11.5	147.2	182.3	111.8	294.3	147.3	41.0	LT ROAD, LT LINE	638,099.00	1,970,921.21	342.24	9.0	76°18' 11.247"E	17°49' 17.508"N
32A	R-9	16°14'39' RT	309.10		14.3	5.4	210.5	111.8	309.1	420.9	70.8	178.4	38V LINE, 11KV LINE	638,151.25	1,970,821.87	383.85	9.0	76°18' 12.965"E	17°49' 14.262"N
33	P-9	0	201.20		13.7		300.2	300.1	201.2	600.3	130.3	214.9	CART TRACK	638,210.48	1,970,518.50	380.10	9.0	76°18' 14.904"E	17°49' 4.382"N
34	R-6	7°51'00' RT	314.10	600.3	10.9		274.7	314.1	255.2	549.3	108.7	161.0		638,066.20	1,970,232.71	375.70	6.0	76°18' 16.722"E	17°48' 55.073"N
35	R-6	6°15'00' RT	235.20	314.1	13.7		247.7	314.1	235.2	549.3	108.7	161.0		638,201.44	1,969,919.05	370.13	6.0	76°18' 17.240"E	17°48' 44.865"N
36	S-3	13°01'31' RT	303.00	235.2	8.4		289.1	285.2	303.0	538.2	0.0	163.0		638,070.64	1,969,644.23	369.39	3.0	76°18' 16.720"E	17°48' 37.283"N
37	R-3	2°08'05' LT	172.60	303.0	16.2		228.2	303.0	172.6	476.4	140.0	626.0		638,091.00	1,969,439.52	368.11	3.0	76°18' 10.622"E	17°48' 29.307"N
38	S-9	0	172.60	168.50	20.1		173.0	173.4	172.6	346.0	-45.6	-32.2		637,994.09	1,969,295.76	327.83	9.0	76°18' 12.936"E	17°48' 24.653"N
39	S-9	0	373.20	346.0	19.7	10.5	272.9	172.6	373.2	545.8	42.2	-41.9		637,898.33	1,969,133.66	325.04	9.0	76°18' 12.986"E	17°48' 20.029"N
40	R-3	1°34'48' LT	316.30	373.2	16.0		344.8	373.2	316.3	699.5	415.1	456.0	ROAD	637,068.23	1,968,644.21	362.30	3.0	76°17' 56.729"E	17°48' 10.034"N
41	S-6	5°05'46' RT	312.40	316.3	21.9		314.4	316.3	312.4	628.7	-139.7	33.3		637,402.74	1,968,529.66	324.77	6.0	76°17' 53.298"E	17°48' 0.453"N
42	R-9	0	217.30		15.6		264.9	312.4	217.3	520.7	279.1	-218.0	RIVER	637,300.25	1,968,461.76	335.84	9.0	76°17' 41.807"E	17°47' 57.698"N
43	S-3	4°04'46' RT	297.30	529.7	10.3	4.7	287.3	217.3	297.3	514.6	405.3	34.7		637,089.76	1,968,407.97	367.86	3.0	76°17' 36.246"E	17°47' 55.972"N
44	S-6	3°03'12' LT	300.10	297.3	11.3		298.7	297.3	300.1	597.4	262.6	545.3	CART TRACK, LT LINE, LT LINE	636,822.26	1,968,539.71	377.28	6.0	76°17' 27.822"E	17°48' 0.222"N
45	S-6	13°29'24' LT	247.90	300.1	14.0		274.0	300.1	247.9	548.0	0.0	325.2	CART TRACK	636,524.04	1,968,572.40	362.69	6.0	76°17' 17.201"E	17°48' 1.452"N
46	R-6	0°14'37' RT	337.40	247.9	10.7	7.6	292.7	247.9	337.4	585.3	-77.3	122.1		638,270.11	1,968,540.45	344.40	6.0	76°17' 18.883"E	17°48' 0.468"N
47	R-9	18°29'57' RT	317.40	337.4	13.6		327.4	337.4	317.4	654.8	215.3	74.3	LT LINE, CART TRACK	635,941.20	1,968,498.38	347.16	9.0	76°18' 57.484"E	17°47' 59.725"N
48	R-9	0	354.50		10.8		326.0	317.4	324.5	651.9	243.1	234.5		635,633.06	1,968,540.72	358.98	9.0	76°18' 46.913"E	17°48' 1.277"N
49	S-6	40°21'19' LT	343.20	651.9	8.9		338.9	334.5	343.2	677.7	100.0	171.7		635,305.11	1,968,606.41	351.73	6.0	76°18' 35.791"E	17°48' 3.481"N
50	R-6	0	334.40		6.3		338.8	343.2	334.4	677.6	171.5	194.5	ROAD	635,005.52	1,968,459.01	351.72	6.0	76°18' 15.679"E	17°47' 58.102"N
51	S-3	17°08'17' RT	677.6		8.4		193.1	334.4	51.7	386.1	139.9	472.2	ROAD VALDURG-ANKALKOT	634,713.64	1,968,295.92	351.37	3.0	76°18' 15.639"E	17°47' 52.869"N
52	S2-TWR	0	51.70				59.4	51.7	67.0	118.7	-420.5	5.4		634,663.00	1,968,285.13	351.25	-5.3	76°18' 11.998"E	17°47' 52.521"N

TOWER NO	Tower Type	Doubled Angle (Deg)	Span (m)	Section Length (m)	Minimum ground clearance (m)	HT Clearance	AT Clearance	Wind Span (m)	Adjacent Span		Weight Span (kN)		Weight Span (kg)		Major Crossings (with in 2km either side from CT/Remarks by Diamond Crossing Method)	Ending	Northing	Elevation	Twr Estn	Geoidic Coordinates				
									Left	Right	Left	Right	Left	Right										
53	SD+TWR	0	67.00		8.4	5.0		56.5	67.0	43.9	112.9	61.6	-553.0	-491.4	47.3	-259.8	-212.5	634,507.85	1,064,271.13	551.94	-3.3	76°15' 11.60"E	17°47' 52.08"N	
54	S-3	43°01'15"RT	45.90	164.6	8.4			98.9	45.9	151.9	197.6	0.0	272.7	273.7	0.0	173.0	173.0	634,552.65	1,068,261.55	553.29	3.0	76°16' 10.15"E	17°47' 51.78"N	
55	S-3	23°42'38"RT	161.90	151.9	11.7			171.1	151.0	190.2	342.1	-121.8	48.5	-73.3	-21.1	72.2	51.2	634,422.39	1,066,339.72	542.28	3.0	76°16' 52.48"E	17°47' 54.35"N	
56	P+6	0	190.20		14.7			233.7	190.2	277.1	467.3	141.7	50.2	192.0	118.0	95.2	213.2	634,317.93	1,064,498.42	542.53	6.0	76°16' 22.37"E	17°47' 55.54"E	
57	R+6	13°13'37"LT	277.10	467.3	14.9			294.7	277.1	310.3	587.4	226.9	106.0	332.9	181.9	131.0	312.9	634,165.70	1,068,720.18	551.50	6.0	76°15' 57.13"E	17°48' 13.88"N	
58	P+6	0	310.30		10.7			314.7	310.3	319.1	629.4	204.3	180.1	384.4	179.3	169.6	348.9	633,933.15	1,068,935.57	557.09	6.0	76°15' 49.27"E	17°48' 13.84"E	
59	S-3	23°02'38"RT	319.10	629.4	8.6			292.5	319.1	265.8	584.9	139.0	94.6	233.7	149.5	114.1	263.6	633,693.90	1,069,146.81	557.69	3.0	76°15' 41.86"E	17°48' 20.76"N	
60	H+6	0	265.80		11.9			237.4	265.8	208.9	474.7	171.2	29.4	200.5	151.7	67.6	219.3	633,618.50	1,069,401.70	558.42	6.0	76°15' 38.69"E	17°48' 29.07"E	
61	S-3	0	208.90		9.1			207.1	208.9	205.3	414.2	179.5	-120.5	50.1	141.3	-11.3	130.0	633,559.18	1,069,601.58	567.17	3.0	76°15' 36.22"E	17°48' 35.63"N	
62	S-3	21°01'18"RT	205.30	680.0	10.3			110.2	205.3	33.0	236.3	334.4	649.7	984.5	216.6	327.4	544.0	633,500.87	1,069,798.84	564.64	3.0	76°15' 34.70"E	17°48' 42.02"N	
63	SD+TWR	0	33.00		8.2			37.3	33.0	41.6	74.6	-61.6	62.1	-554.6	-99.4	41.1	-253.1	633,505.28	1,069,641.56	565.32	-5.3	76°15' 34.94"E	17°48' 43.08"N	
64	SD+TWR	0	41.60		8.2	4.9												132KV D/C TULJAPUR-MALDURG 7/4, OPGW Crossing to be proposed by Diamond Crossing Method	633,505.28	1,069,641.56	565.32	-5.3	76°15' 34.94"E	17°48' 43.08"N
65	S-3	19°02'44"LT	38.10		8.2			30.9	41.6	38.1	79.7	-20.5	-496.5	-517.0	0.5	-234.0	-233.5	633,510.83	1,069,872.81	584.60	-5.3	76°15' 35.14"E	17°48' 44.42"N	
66	S-3	4°06'38"RT	104.50	112.7	16.4			71.3	38.1	104.5	142.6	534.6	122.7	657.2	272.1	86.9	359.0	633,515.92	1,069,910.59	583.55	3.0	76°15' 35.32"E	17°48' 45.62"N	
67	S-3	4°06'38"RT	229.80	104.5	11.9			167.2	104.5	229.8	334.3	-16.2	40.0	21.8	17.6	78.1	95.8	633,495.18	1,070,012.98	590.85	3.0	76°15' 34.64"E	17°48' 48.96"N	
68	S-3	15°36'47"RT	151.70	229.8	14.6			190.8	229.8	151.7	381.5	180.8	62.2	352.6	151.7	69.1	220.6	633,559.42	1,070,231.67	592.16	3.0	76°15' 36.87"E	17°48' 56.15"N	
69	S-3	31°09'11"LT	131.50	131.5	16.3			141.6	151.7	131.5	283.2	89.5	111.6	201.1	82.6	88.3	170.8	633,612.15	1,070,375.90	587.92	3.0	76°15' 38.68"E	17°49' 02.68"N	
70	Gully	0°00'00"	66.40	66.4	16.8			99.0	131.5	66.4	197.9	19.9	131.8	151.7	43.2	81.6	124.8	633,689.36	1,070,483.35	585.71	3.0	76°15' 41.34"E	17°49' 04.15"N	
TOTAL KM-18.379				66.4				0.0	66.4	0.0	0.0	-65.4	0.0	-65.4	0.0	0.0	-15.2	633,725.19	1,070,538.31	586.31	0.0	76°15' 42.57"E	17°49' 07.22"N	



Approved By: *[Signature]*
 Project Engineer
 Addl. Secy. Engrg. Div.
 Addl. Secy. Engrg. Div.
 Addl. Secy. Engrg. Div.

Executive Engineer
 Engrg. Division
 Addl. Secy. Engrg. Div.

M/S Suvog Urja Pvt Ltd
 Addl. Secy. Engrg. Div.
 Addl. Secy. Engrg. Div.
 Addl. Secy. Engrg. Div.

132KV S/C JEWALI PSS TO NALDURG GSS T/L

Tower Abstract

Tower Type/Extn	+0	+3	+6	+9	+12	+15	+18	Total
P	0	3	10	3	0	0	0	16
Q	0	0	0	0	0	0	0	0
R	0	3	8	10	2	0	0	23
S	0	15	10	4	0	0	0	29
SD TWR	4							4
Total								72


 Surveyed By
 M/S. TPREL *



 Surveyor
 S&I Sub Division
 Latur

Asst. Engineer (Civil)
 S&I Sub Division
 Latur

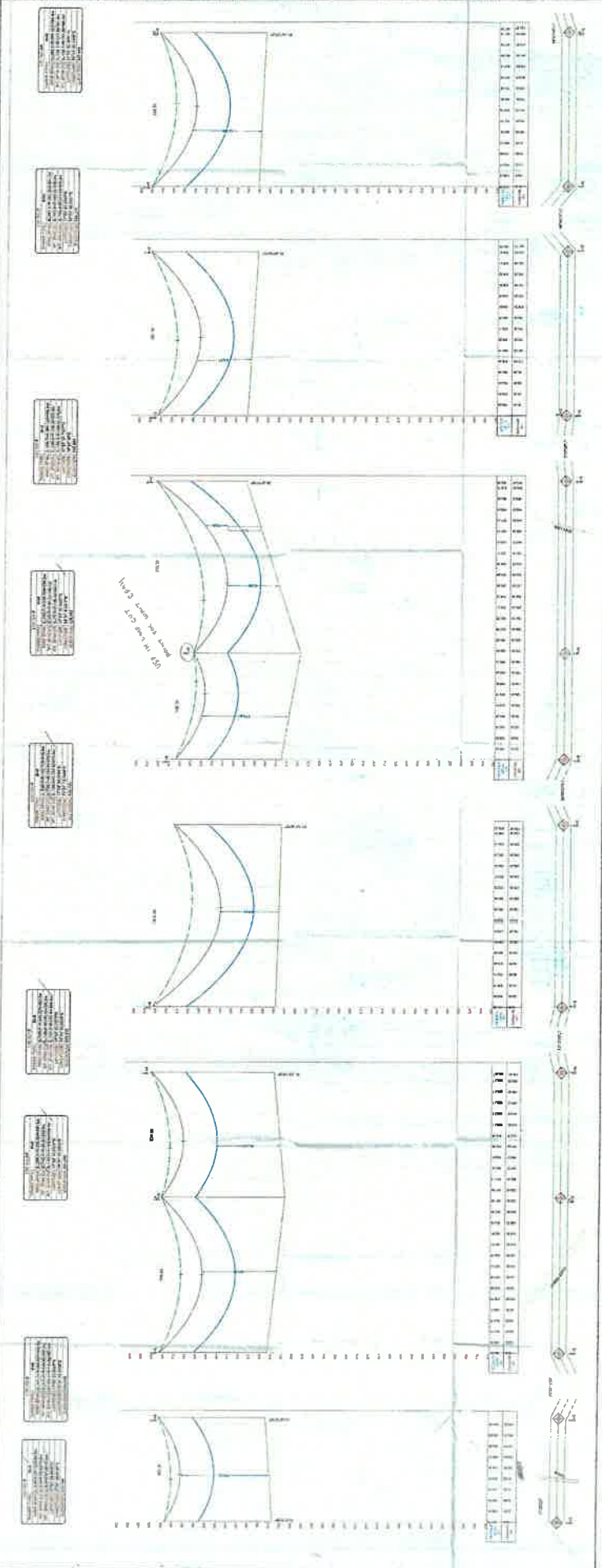

 Addl. Ex. Engineer
 S&I Sub Division
 Latur


 Addl. Ex. Engineer
 EHV Projects Div
 Latur


 Executive Engineer
 EHV Projects Div
 Latur


 Superintending Engineer
 EHV Projects Circle
 Chhatrapati Sambhajii Nagar

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APPROVALS
 PROJECT NO. _____
 DRAWING NO. _____
 DATE _____
 SCALE _____
 SHEET NO. _____ OF _____
 PROJECT TITLE _____
 CLIENT _____
 CONSULTANT _____
 CONTRACT NO. _____
 CONTRACT VALUE _____
 CONTRACT DATE _____
 CONTRACT LOCATION _____
 CONTRACT TYPE _____
 CONTRACT STATUS _____
 CONTRACT DESCRIPTION _____
 CONTRACT OBJECTIVES _____
 CONTRACT SCOPE _____
 CONTRACT DELIVERABLES _____
 CONTRACT RISK _____
 CONTRACT COMPLIANCE _____
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132 Kv TATA Power Renewable Energy Ltd. Wind PSS to 132 kV Naldurga Sub/stn. SCDC Tr.line (101 MW).

CHECK LIST

Guidelines for Project Directors for processing the proposal of laying over Head Electrical Line Crossing National Highway Vested with NHAI

Relevant Circulars/Codes: -

- 1) Ministry of Road & Transport & Highway Letter No. 33044/29/2015/S&R(R) Dated 22.11.2016
- 2) Ministry Circular No. NH-III/P/20/77 Dated 08.04.1982
- 3) Indian Electricity Act – 1910
- 4) Indian Electricity Rules-1956
- 5) IRC:32-1969
- 6) IS:5613-1976 Part-I to IV

132 Kv TRANSMISSION LINE for Over Head Crossing in SOLAPUR– Mah/Knt Border National Highway –65			
Sl. No.	Item	Information/Status	Remarks
1	General Information		
1.1	Name and address of the applicant with Full Address	M/s. TATA Power Renewable Energy Ltd. Regd. Office: Corporate Centre, A Block, 34, Sant Tukaram Road, Carnac Bunder, Mumbai 400 000.	
1.2	National Highway Number	NH-65 Between chainage KM. 293+000 – KM. 294+000 (The Centre Line is crossing exactly at chainage KM 293+420)	
1.3	State	Maharashtra	
1.4	Location	In Naldurga City Bypass, Dist- Dharashiv	
1.5	Name of the Line	132 kv transmission line between Wind PSS to 132 kV Naldurga Sub/stn. SCDC Tr. line (101 MW)	
1.6	Chain-age in Km	Between chainage KM293+000 – KM294+000 (The Centre Line is crossing exactly at chainage KM 293+420)	
1.7	Length in Meter (NH Crossing Span of Tower Line)	222.30 Mtrs.	As per guidelines of NH span should be < 250M
1.8	Width of available ROW	60.00Mtrs	
	a) Left side from center line towards increasing chain-age/ km direction.	30.00 Mtrs	
	b) Right side from center line towards increasing chain-age/km direction	30.00 Mtrs	
1.9	Proposal to lay overhead		
	a) Left side from center line towards increasing chain-age/Km direction	NA	
	b) Right side from center line towards increasing chain-age/ Km direction	NA	
	c) Crossing of NH number	NH-65 (crossing exactly at Ch. 293+420)	
1.10	Proposal to acquire land		



132 Kv TRANSMISSION LINE for Over Head Crossing in SOLAPUR– Mah/Knt. Border National Highway –65			
Sl. No.	Item	Information/Status	Remarks
	a) Left side from the center line	Not Applicable	
	b) Right side from the center line	Not Applicable	
1.11	Whether proposal is		
	a) In the same side where land is not to be acquired	Land acquisition is not involved.	
	b) Crossing the National Highway	Yes, the overhead electrical towers are to be laid both side in the agricultural field away from the NH boundary	
	If not then where to lay the overhead Electrical Line		
1.12	Details of already laid services (overhead) Telecommunication line, overhead Electrical line etc.) if any, along proposed route / proposed crossing	No Overhead of any Telecommunication/Electrical Line at Crossing Point	
1.13	Number of lanes (2/4/6/8 lanes) existing	4 Lanes	
1.14	Proposed number of lanes (with paved shoulders 2/4/6/8)	4 Lanes with paved shoulders on BHS	
1.15	Service road existing or not	NA	
	If yes then which side	NA	
	a) Left side from the center line	NA	
	b) Right side from the center line	NA	
1.16	Proposed Service Road	NA	
	a) Left side from the center line	NA	
	b) Right side from the center line	NA	
1.17	Whether proposal to lay overhead Electrical line is after the service road or between the service road and main carriage way, or crossing the National Highway.	Over Head crossing of the National Highway 65.	
1.18	The Permission of laying Over Head Electrical Line shall be considered for approval / rejection based on the Ministry Circulars and relevant codes.	Yes. Pl Consider for approval.	
1.19	If crossing of the road involved		
	A) Is it on a line normal to NH and provide length of crossing span.	Angle of Crossing –90° 00' 00" Length of Crossing Span 222.00 Mtr	
	B) Structure (Towers, tension towers, pole for HT line only) for crossing shall not be to near to the existing structures on the National Highway, the minimum distance being 15 meters.	Distance is more than 15 mtrs as mentioned below.	
	i) Type of Existing / Proposed structure for National Highway.	Tension towers, Tower type (S+9M) Extension on one side and (S+9M) Extension on the other side of NH.	
	ii) What is the distance of tower, pole and tension towers from the existing/proposed structure of National Highway.	Tower No. 30 (S+9M) is 40 M from outer boundary (LHS) of the existing National Highway and Tower No: 31 (S+9MS) is 122 M from other side outer boundary (RHS) of the National Highway. And the total width of the NH is 24 M.	
	C)The overhead lines and their supporting		



132 Kv TRANSMISSION LINE for Over Head Crossing in SOLAPUR- Mah/Knt Border National Highway -65

Sl. No.	Item	Information/Status	Remarks
	poles/ towers should ordinarily be placed at the extreme edge of the road land boundary. In any case, these shall be at 10 meters away from the edge of the existing traffic lane. Where the existing roadway is narrow than the minimum required according to standard or where the widening is proposed for any reason, the lateral clearance shall be reckoned with respect to ultimate road way. What is the horizontal clearance from the extreme edge of the road boundary?	YES The horizontal clearance from Tower No: 30 (S+9M) is 40 M and Tower No: 31 (S+9M) is 122 M from Extreme Road Boundary of NH-65.	
	d) The overhead lines and their supporting poles/towers should be ordinarily being placed at a minimum distance of 5.0m from the nearest line of avenue trees.	Overhead line supporting is far away from the nearest line of avenue trees.	
	e) In Mountainous / hilly terrain the overhead lines should be erected preferably on the valley side as far as away as practicable. In hilly region, level of ground at a suitable distance below the outer conductor on either side from the center line is also to be noted and marked in profile so as to ensure required ground clearance underneath conductor and side clearance in swing conditions. Is the proposal in hilly area?	No, Proposal is in plain terrain.	
	f) The horizontal clearances in respect of poles erected for the purpose of street lighting in urban situation shall be as under.	Not Applicable	
	i) For road with raised kerbs – Minimum 300 mm from the edge of the nearest kerb 600 mm being preferable.	Not Applicable	
	ii) For road without raised kerbs – At least 1.5m from the edge of carriageway, subject to minimum of 5.0 meter from the center line of the carriage way.	Not Applicable	
	g) The pylons of HT lines along the crossing the road shall be located outside the National Highway land	YES	
	h) For crossing the line of same voltage or lower voltage, suspension/tension tower with suitable extension shall be used.	YES	



132 Kv TRANSMISSION LINE for Over Head Crossing in SOLAPUR– Mah/Knt Border National Highway –65			
Sl. No.	Item	Information/Status	Remarks
	i) The vertical clearance of the overhead lines crossing the road shall be reckoned from the top of the crown of the road considering the anticipated final top level due to future raising of road level, strengthening of pavement, etc. The actual ground clearance of high-tension lines for voltage above 650 volts varies depending upon the voltage transmitted and these are stipulated in Indian Standard Codes is 5613-1976 part I to IV and Indian Electricity Rules 1956 as under.	20 Mtrs. from highest point in center of the NH road divider.	As per the Indian Electricity Act – 2003 and Latest Guidelines from CEA the minimum clearance of 132 KV Double Circuit Line from NH center shall be 11.60 Mtrs.
	For ordinary wire and line carrying low voltage up to and including 110 volts – 5500 mm	N/A	
	For electric power lines carrying low voltage up to and including 650 Volts – 6000 mm	N/A	
	For electric power lines carrying voltage exceeding 650 Volts – 6500 mm	N/A	
	220 KV – 7015 mm	The vertical clearance between top surface of existing National Highway and lowest point of the conductor at maximum possible sag is 20.00 Mtrs	
	400 KV – 8840 mm	N/A	
	800 KV – 15000 mm	N/A	
	Note: These are minimum requirement where ever local authority requirement is higher, the same shall be provided. In case of HT line, Road crossing, the ground clearance at the road under maximum temperature and in still air shall be such that even with conductor bundle broken in adjacent span, the ground clearance of the conductor from the road surface shall not be less than 15.00	YES	
	What is the voltage of proposed line and clearance under maximum sag condition between lowest conductor of the proposed line and existing National Highway / future developed National Highway?	The voltage of proposed line is 132 KV, Clearance under maximum sag condition between lowest conductor of the proposed line and existing National Highway is 20.00 Mtrs.	
2	Documents/drawings enclosed with the proposal	YES	
2.1	Cross section showing the size of trench for open trenching method	NA, as the crossing is overhead and across NH.	
2.2	Cross section showing the size of pit and location of cable for HDD method	NA, as the crossing is overhead	
2.3	Strip/Route plan showing overhead Power Transmission line Chainage, width of ROW, distance of proposed cable from the edge of	YES	



132 Kv TRANSMISSION LINE for Over Head Crossing in SOLAPUR– Mah/Knt Border National Highway –65			
Sl. No.	Item	Information/Status	Remarks
	ROW. Important mile stone, intersections, cross drainage works etc		
2.4	Methodology of laying Overhead Power Transmission Line	Yes, Enclosed	
2.4.1	Open trenching method, if yes methodology of refilling of trench	NA	
2.4.2	Horizontal Direction Drilling method	NA	
2.4.3	Laying of Overhead Electrical line through CD works and method of Laying	NA	
3	Draft License agreement signed by two witnesses	YES	
4	Performance Bank guarantee in favor of NHA1 has to be obtained @Rs.100 per running meter (Parallel to NH) and Rs.100000/- per crossing of NH, for a period of one year initially (extendable if required till satisfactorily completion of work) as a security for ensuring / making good the area, clearing the debris / loose earth etc. produced.	Will be submitted after according approval	
4.1	Performance bank guarantee as per above is to be obtained	Will be submitted as per demand of NHA1	
4.2	Confirmation of BG has been obtained as per NHA1 Guidelines	YES	
5	Affidavit / Under taking to be obtaining from (to the furnished by) the applicant.	YES	
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NHA1 or to the concern agency.	YES	
5.2	Undertaking for renewal of Bank Guarantee if required.	YES	
5.3	Confirming all standard conditions as laid down in Ministry Circular No: NH-III/P/20 dated 08.04.1982, Indian Electricity Act – 1910, Indian Electricity Rule – 1956, IRC – 32 - 1969 IS: 5613 – 1976 Part I to IV and NHA1's guidéline.	YES	
5.4	Shifting of overhead electrical line at their own cost as and when required by NHA1	YES	
5.5	Shifting of overhead electrical line at their own cost if require due to 4/6 lining/widening of National Highway.	YES	
5.6	Indemnity against all damages and claims what so ever kind that may be to NHA1 or any third party in the ROW during installation, operation and maintenance.	YES	
5.7	Traffic movement during laying of overhead		There will be minimal




132 Kv TRANSMISSION LINE for Over Head Crossing in SOLAPUR- Mah/Knt Border National Highway -65			
Sl. No.	Item	Information/Status	Remarks
	electrical line to be managed by the applicant.	YES	traffic halt of 5-5 Mins. Local Police & Traffic inspector will be intimated before the stringing work.
5.8	If any claim is raised by the Concessionaire, then the same has to be paid by the applicant	YES	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the overhead electrical line located in the National Highway Right of way.	YES	
5.10	Expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance of the overhead electrical line will be borne by the agency owing the line.	YES	
5.11	If NHAI considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	YES	
5.12	Certificate from the applicant in the following format	YES	
	i)Laying of Overhead electrical line will not have any deleterious effect on any of the bridge components and roadway safety for traffic.	YES	
	ii)For 6/8 lanning "We do undertake that I will relocate service road / approach road / utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NHAI for future six-lanning or any other development.	YES	
6	Certificate from the Project Directors:		
6.1	Certificate confirming that the proposal has been examined with respect to the structures and developmental work considered at this location and compliance of all standard condition issued vide ministry Circular No: NH - III/P/20/77 dated 08-04-1982, Indian Electricity Act - 1910, Indian Electricity Rules	To be provided NHAI	



132 Kv TRANSMISSION LINE for Over Head Crossing in SOLAPUR- Mah/Knt Border National Highway -65

Sl. No.	Item	Information/Status	Remarks
	1956, IRC: 32-1969, IS: 5613 – 1976 Part-I to IV and NHA's guideline.		
6.2	Certificate from PD in the following format		
	i) "It is certified that any other location of the Electric line would be extremely difficult and unreasonable costly and the installation of Electric line within ROW will not adversely affect the design, stability and traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc"	To be provided NHA	
	ii) For 6 Lanning a) Where feasibility is available "I do certify that there will be no hindrance to proposed six lanning based on the feasibility report considering proposed structures at the said location".	To be provided NHA	
	b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six lanning".	To be provided NHA	
7.	If NH section proposed to be taken up by NHA on BOT basis – a clause is to be inserted in the agreement, "The Permitted Highway on which License has been granted the right to lay Overhead Electrical line has also been granted as a right of way to concessionaire under the concession agreement for up- gradation of. (Km 122 to km 123, (Crossing exactly at chainage KM 122+385) NH No: (New NH: 150 E) on build, operate and transfer basis) and therefore, the license shall honor the same.	To be provided NHA	
8.	Who will supervise the work of laying of overhead electrical Line	Competent person from M/s. TATA Power Renewable Energy Ltd.	
9.	Who will sign the agreement on behalf of overhead electrical line agency.	Project Manager (Authorized Signatory) from M/s. TATA Power Renewable Energy Ltd.	
10.	Who will ensure that the defects in road portion after laying of overhead electrical line are corrected and if not corrected then what action will be taken.	Project Manager (Authorized Signatory) from M/s. TATA Power Renewable Energy Ltd.	
11.	Who will pay the claims for damages done/disruption in working of concessionaire if asked by the concessionaire.	Project Manager (Authorized Signatory) from M/s. TATA Power Renewable Energy Ltd.	
12.	A Certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed)	Not Applicable	
13.	If any previous approval is accorded for laying	Not Applicable	



132 Kv TRANSMISSION LINE for Over Head Crossing in SOLAPUR- Mah/Knt Border National Highway -65			
Sl. No.	Item	Information/Status	Remarks
	of overhead electrical line then photocopy of register of records of permissions accorded as maintained by PD may be enclosed.		
For M/s. TATA Power Renewable Energy Ltd.		For National Highway Authority of India-Solapur (Maharashtra)	
			



महाराष्ट्र MAHARASHTRA

2025

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पत्राचा प्रकार / अनुच्छेद क्रमांक -	करार
यस्त नोंदणी करणार आहेत का?	-
नोंदणी होणार असल्यास द.नि. कार्यालयाचे नाव -	-
मिळकतीचे वर्णन -	-
सोबतला रकम -	-
मुद्रांक विकत घेणाराचे नाव -	म. टाटा पावर रिन्यूवेबल एनर्जी
व्यापकाचे नाव -	लि.मि. मुंबई रुग्णे देनालय शिवाजी
हस्तक्षेप असल्यास त्याचे नाव व पत्ता -	रोकड रा. साई
मुद्रांक रकम -	₹. 900/-
नोंदणी मुद्रांक क्रमांक -	8e दि. 28/190/2024
मुद्रांक विकत घेणाराचे सहाय -	♀
प्रदिप केशव वीर (मुद्रांक विक्रेता) परवाना नंबर सन १९९०	
पो. नं. २५०४००३ दि. तहसिल कार्यालय आवार करमाळा, जि. सोलापूर	Free

करमाळा, करमाळा
मुद्रांक पुरवठा
5 AUG 2025
&
प्रमाणित अधिकारी

Annexure 5.1

UNDERTAKING

To,

The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra.

From,

M/s. TATA Power Renewable Energy Ltd.
Regd. Office: Corporate Centre, A Block, 34, Sant Tukaram Road,
Carnac Bunder, Mumbai 400 000.

We M/s. TATA Power Renewable Energy Ltd. Regd. Office: Corporate Centre, A Block, 34, Sant Tukaram Road, Carnac Bunder, Mumbai 400 000, do hereby undertake that in connection with laying a 132 kV (SCDC tower line) overhead cable line at Km 293+420 from LHS to RHS on the Solapur-Mah/Knt Border National Highway (NH-65) in the village Aliyabad, Tal. Tuljapur, District Dharashiv, Maharashtra.

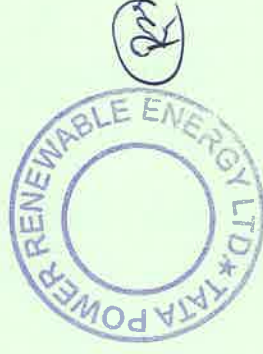
We Shall not damage to other utility, if it is damaged then pay to NHAI or the concerned owning agency as per direction by NHAI.



(Authorized Signatory)
(M/s. TATA Power Renewable Energy Ltd.)

We M/s. TATA Power Renewable Energy Ltd. Regd. Office: Corporate Centre, A Block, 34, Sant Tukaram Road, Carnac Bunder, Mumbai 400 000, do hereby undertake that in connection with laying a 132 kV SCDC tower line overhead cable line at Km 293+420 from LHS to RHS on the Solapur-Mah/Knt Border National Highway (NH-65) in the village Aliyabad, Tal. Tuljapur, District Dharashiv, Maharashtra.

We Shall furnish Bank Guarantee as per NHAI Norms before execution of work and renew timely if required.



(Authorized Signatory)
(M/s. TATA Power Renewable Energy Ltd.)



महाराष्ट्र MAHARASHTRA

2025

क२१२

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दस्तावेजाचा प्रकार / अन्वय क्रमांक -

दस्तावेजाचे नोंदणी क्रमांक -

नोंदणी होणार आहे काय -

नोंदणीचे वर्णन -

नोंदणीचे रकम -

नोंदणीचे घेणाऱ्याचे नाव -

नोंदणीचे घेणाऱ्याचे पत्ता -

नोंदणीचे घेणाऱ्याचे पत्ता -

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Annexure 5.3

UNDERTAKING

To,

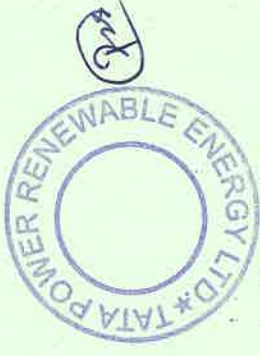
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra.

From,

M/s. TATA Power Renewable Energy Ltd.
Regd. Office: Corporate Centre, A Block, 34, Sant Tukaram
Road, Carnac Bunder, Mumbai 400 000.

We M/s. TATA Power Renewable Energy Ltd. Regd. Office: Corporate Centre, A Block, 34, Sant Tukaram Road, Carnac Bunder, Mumbai 400 000, do hereby undertake that in connection with laying a 132 kV SCDC tower line overhead cable line at Km 293+420 from LHS to RHS on the Solapur-Mah/Knt Border National Highway (NH-65) in the village Aliyabad, Tal. Tuljapur, District Dharashiv, Maharashtra.

We Shall follow and abide by all standard conditions of MoRT&H and NHAI guidelines regarding laying of the-said Transmission line project.



(Authorized Signatory)
(M/s. TATA Power Renewable Energy Ltd.)



महाराष्ट्र MAHARASHTRA

० 2025 ०

43AB 038659

दस्तावेज प्रकार / अन्वेषण क्रमांक	करार
दस्त नोंदणी करणार आहेत का?	-
भादणी होणार आहे का? नि कार्यालयाचे नाव-	-
मिळकतीचे वर्णन	-
मरकदला रकम	-
मूद्रांक विकत घेणाऱ्याचे नाव	म. टाटा पॉवर लिमिटेड (जर्जी
दस्तावेजाचे मालक	लिमिटेड मुंबई रूम नॉनय शिवाजी
दस्तावेजाचे मालक	रोकड म. साई
मूद्रांक शाल	रु. 9001
नोंदणी क्रमांक	४८ दि. 28/9/2024
मूद्रांक विकत घेणाऱ्याची पत्ता	२
प्रतिप केशव वीर (मुद्रांक विक्रेता) परवाना नंबर सन १९९०	
जो. नं. २५०४००३ ठि. लडसिल कार्यालय आवार करमाळा जि सोलापूर	प्रुय

Annexure 5.4

UNDERTAKING

To,

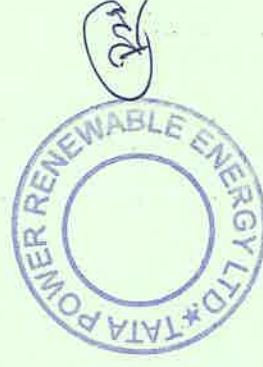
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra.

From,

M/s. TATA Power Renewable Energy Ltd.
Regd. Office: Corporate Centre, A Block, 34, Sant Tukaram
Road, Carnac Bunder, Mumbai 400 000.

We M/s. TATA Power Renewable Energy Ltd. Regd. Office: Corporate Centre, A Block, 34, Sant Tukaram Road, Carnac Bunder, Mumbai 400 000, do hereby undertake that in connection with laying a 132 kV SCDC tower line overhead cable line at Km 293+420 from LHS to RHS on the Solapur-Mah/Knt Border National Highway (NH-65) in the village Aliyabad, Tal. Tuljapur, District Dharashiv, Maharashtra.

M/s. TATA Power Renewable Energy Ltd. has to shift the above Overhead Power line as and when required by NHAI and shall be carried out at our own cost.



(Authorized Signatory)
(M/s. TATA Power Renewable Energy Ltd.)



महाराष्ट्र MAHARASHTRA

2025

43AB 038660

दस्तावेजाचा प्रकार / अनुच्छेद क्रमांक -	करार
दस्तू नोंदणी करणार आहेत का?	-
नोंदणी होणार असल्यास दु.नि. कार्यालयाचे नाव -	-
विक्रतीचे वर्णन -	-
माहदला रकम -	-
ग्राहक विकत घेणाराचे नाव -	श्री. टाटा पोवर रिन्युवेबल एनर्जी
दुरावा पधकाराचे नाव -	लक्ष्मी सुबई एम् दत्तात्रय शिवाजी
हस्त असल्यास त्याचे नाव व पत्ता -	श्री. खाडे
मुद्रांक शि. सं. -	श. 9001 -
नोंदणी मु. सं. अथवा नोंदणी अमु. क्रमांक -	8e 2819012024
मुद्रांक विकत घेणाराची राशी -	2
प्रतिप केशव वीर (मुद्रांक विक्रता) परवाना नंबर सन १९९०	
क्र. नं. २५०४००३ विलहसिल कार्यालय आवार करमोका, जि. सोलापूर	

Annexure 5.5

UNDERTAKING

To,

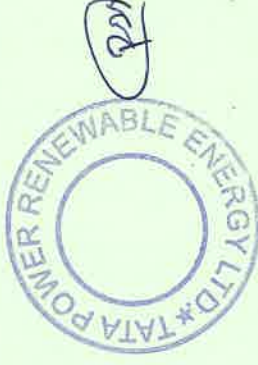
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra.

From,

M/s. TATA Power Renewable Energy Ltd.
Regd. Office: Corporate Centre, A Block, 34, Sant Tukaram
Road, Carnac Bunder, Mumbai 400 000.

We M/s. TATA Power Renewable Energy Ltd. Regd. Office: Corporate Centre, A Block, 34, Sant Tukaram Road, Carnac Bunder, Mumbai 400 000, do hereby undertake that in connection with laying a 132 kV SCDC tower line overhead cable line at Km 293+420 from LHS to RHS on the Solapur-Mah/Knt Border National Highway (NH-65) in the village Aliyabad, Tal. Tuljapur, District Dharashiv, Maharashtra.

M/s. TATA Power Renewable Energy Ltd., has to shift the above Overhead Power line at our own cost (If required), in future due to 6/8 Laning/widening is in process of NH.



(Authorized Signatory)
(M/s. TATA Power Renewable Energy Ltd.)



महाराष्ट्र MAHARASHTRA

2025

43AB 038661

जिल्हा प्रकर / अनुच्छेद क्रमांक -

करार

दरत नोंदणी करणार आहेत का ?

नोंदणी होणार असल्यास द.नि. न्यायालयाचे नाव -

मिळकतीचे दर्शन

पोस्टला रकम -

मुद्रांक विकत घेथाराचे नाव

दुसऱ्या बसकाचाच नाव -

हस्त असल्यास त्याचे नाव

मुद्रांक रक्

नोंदणी

मुद्रांक विकत घेथाराची रक्कम -

प्रदिय केशव वीर (मुद्रांक विकत घेथारा) घरवाना नंबर रात १९९०

Annexure 5, 6 दि. तहसिल कार्यालय आवार करमाला जि. सोलापूर

UNDERTAKING

To,

The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra.

From,

M/s. TATA Power Renewable Energy Ltd.
Regd. Office: Corporate Centre, A Block, 34, Sant Tukaram Road,
Carnac Bunder, Mumbai 400 000.

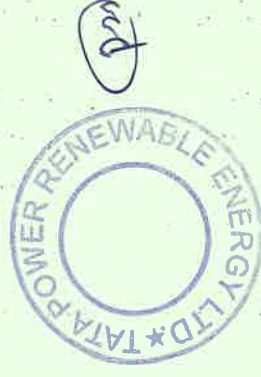
मुद्रांक कार्यालय, का. सोलापूर

5 AUG 2025

8

We M/s. TATA Power Renewable Energy Ltd. Regd. Office: Corporate Centre, A Block, 34, Sant Tukaram Road, Carnac Bunder, Mumbai 400 000, do hereby undertake that in connection with laying a 132 KV SCDC tower line overhead cable line at Km 293+420 from LHS to RHS on the Solapur-Mah/Knt Border National Highway (NH-65) in the village Aliyabad, Tal. Tuljapur, District Dharashiv, Maharashtra.

Indemnity against all damage and claims during installation, Operation & Maintenance is of M/s. TATA Power Renewable Energy Ltd.



(Authorized Signatory)
(M/s. TATA Power Renewable Energy Ltd.)



43AB 038662

महाराष्ट्र MAHARASHTRA 2025-0 कशर

दस्तावेज प्रकार / अनुच्छेद क्रमांक -

वस्तु नोंदणी करणार आहेत का ?

नोंदणी होणार असल्यास इ.नि कार्यालयाचे नाव -

मिळकतीचे वर्णन -

भाषदला रकम -

मुद्रांक शिक्त देणारचे नाव - म. दारापॉवर, रिन्यूवेबल एनर्जी

दस्तावेजाचा नाव - लि.मि.सुबई हॉल वगैरे वगैरे शिवाजी

वस्तु असल्यास त्याचे पत्र व रिकॉर्ड नं. - 11-1115

मुद्रांक रकम - रु. 900/-

नोंदणी क्रमांक - 8E 2819012024

मुद्रांक विभाग (मुद्रांक विक्रेता) परधाना नंबर सन 9950

को.नं. 2408003 ठि. तहसिल कार्यालय आदार कर्मगळा जि सोलापूर

Annexure 5.7

UNDERTAKING

To,

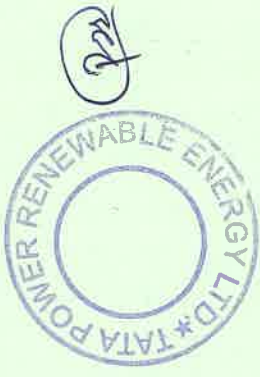
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra.

From,

M/s. TATA Power Renewable Energy Ltd.
Regd. Office: Corporate Centre, A Block, 34, Sant Tukaram Road,
Carnac Bunder, Mumbai 400 000.

We M/s. TATA Power Renewable Energy Ltd. Regd. Office: Corporate Centre, A Block, 34, Sant Tukaram Road, Carnac Bunder, Mumbai 400 000, do hereby undertake that in connection with laying a 132 kV SCDC tower line overhead cable line at Km 293+420 from LHS to RHS on the Solapur-Mah/Knt Border National Highway (NH-65) in the village Atiyabad, Tal. Tuljapur, District Dharashiv, Maharashtra.

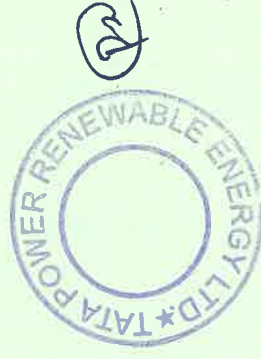
Traffic movement during laying of said overhead electrical line shall be managed by M/s. TATA Power Renewable Energy Ltd.



(Authorized Signatory)
(M/s. TATA Power Renewable Energy Ltd.)

We M/s. TATA Power Renewable Energy Ltd. Regd. Office: Corporate Centre, A Block, 34, Sant Tukaram Road, Carnac Bunder, Mumbai 400 000, do hereby undertake that in connection with laying a 132 kV SCDC tower line overhead cable line at Km 293+420 from LHS to RHS on the Solapur-Mah/Knt Border National Highway (NH-65) in the village Aliyabad, Tal. Tuljapur, District Dharashiv, Maharashtra.

We M/s. TATA Power Renewable Energy Ltd., hereby do undertake that, if any claims are raised by concessionaire, then the same shall be paid by M/s. TATA Power Renewable Energy Ltd.



(Authorized Signatory)
(M/s. TATA Power Renewable Energy Ltd.)



महाराष्ट्र - MAHARASHTRA - 2025 0

43AB 038647

दस्तावेज प्रकार / अनुबंध प्रकार - करार
दस्तावेज वर्गीकरण अक्षर क्रम -
नोंदणी होणार असल्यास द.पि. कार्यालयीने नाव -
पिकावतीचे वर्णन -
पोस्टला रकम -
मुद्रांक विकत घेणाराचे नाव - मे. टाटा पॉवर रिन्यूबल एनर्जी
मुद्रांक घेणाऱ्याचे नाव - लि.मि. सुवर्द्धन नगर शिवाजी रोड
हस्तोत्प्रेषण त्याचे नाव व एका -
मुद्रांक शुल्क रकम - रु. 900/-
Appendix 5.9
मुद्रांक विकत घेणे नोंद घेई अक्षर क्रम - 8E
मुद्रांक विकत घेणाराची सही - 2
प्रतिषेध करणारे (मुद्रांक विकला) परवाना नंबर सन 9990
को. नं. 240800 The Project Director, कर्माळा, जि. सोलापूर
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra.

मुद्रांक विकला, कर्माळा
मुद्रांक घेणारा
5 AUG 2025
8
उपरोक्त अक्षर क्रम

From,
M/s. TATA Power Renewable Energy Ltd.
Regd. Office: Corporate Centre, A Block, 34, Sant Tukaram Road,
Carnac Bunder, Mumbai 400 000.

We M/s. TATA Power Renewable Energy Ltd. Regd. Office: Corporate Centre, A Block, 34, Sant Tukaram Road, Carnac Bunder, Mumbai 400 000; do hereby undertake that in connection with laying a 132 kV SCDC tower line overhead cable line at Km 293+420 from LHS to RHS on the Solapur-Mah/Knt Border National Highway (NH-65) in the village Aliyabad, Tal. Tuljapur, District Dharashiv, Maharashtra.

We will obtain prior approval of NHAI before undertaking of any work of installation, shifting, repairs or alterations to the said overhead electrical line located in the National Highway Right of Way.



(Authorized Signatory)
(M/s. TATA Power Renewable Energy Ltd.)



महाराष्ट्र MAHARASHTRA

० 2025 ०

43AB 038649

इस्ताका प्रकार/अनुसूचित प्रकार-

दस्ता नोंदणी करणार आहेत का?

नोंदणी होणार असल्यास दु.नि. कार्यालयाचे नाव-

मि.क्यातीचे वर्णन-

मोबदला रकम-

मुद्रांक विकत घेणाराचे नाव- म. टाटा पॉवर रिन्युबल एनर्जी

मुद्रांक विकत घेणाराचे नाव लो.सी. मुंबई एन्ल दनाजय शिवाजी

हल्ली असल्यास त्याचे मूल्य व पर. रोकिड ना. ४८

मुद्रांक मूल्य रु. १००१-

नोंदणी मुद्रांक किती नोंद आहे ४८

मुद्रांक विकत घेणाराची सही- २

प्रतिपद केशव शीर (मुद्रांक विक्रेता) परवाना नंबर रुन १९९०

को. नं. २५०४००३ ठि. सहस्रसल कार्यालय आवार करमाळा जि. सोलापूर

Annexure 5.10

UNDERTAKING

To, The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra.

From,
M/s. TATA Power Renewable Energy Ltd.
Regd. Office: Corporate Centre, A Block, 34, Sant Tukaram Road,
Carnac Bunder, Mumbai 400 000.

क २१२

महाराष्ट्र राज्य, करमाळा
मुद्रांक मुद्राळा
5 AUG 2025
४

We M/s. TATA Power Renewable Energy Ltd. Regd. Office: Corporate Centre, A Block, 34, Sant Tukaram Road, Carnac Bunder, Mumbai 400 000; do hereby undertake that in connection with laying a 132 kV SCDC tower line overhead cable line at Km 293+420 from LHS to RHS on the Solapur-Mah/Knt Border National Highway (NH-65) in the village Aliyabad, Tal. Tuljapur, District Dharashiv, Maharashtra.

Expenditure, if any incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the said overhead electrical line located in the National Highway Right of way will be borne by the M/s. TATA Power Renewable Energy Ltd.



(Authorized Signatory)
(M/s. TATA Power Renewable Energy Ltd.)



43AB 038651

महाराष्ट्र - MAHARASHTRA - 0-2025-0

दस्तावेजा प्रकार / अनुषंगिक क्रमांक -	करार
दस्त नोंदणी करणार आहेत का ?	-
नोंदणी होणार असल्यास दु.नि. काचलिबाबे नाव -	-
मिळकतीचे वर्णन -	-
पोबंदीचे शक्य -	-
मुद्रांक विकत घेणाऱ्याचे नाव -	श्री. दारा पोवर रिण्युवेळम एमजी
दुसऱ्या व्यक्तीचा नाव -	एम. सुबई एक देनामय शिवाजी
हस्त अन्वयान रक्कम -	रु. १००
मुद्रांक रक्कम -	रु. १००
नोंदणी मुद्रांक क्रमांक -	४६ २४१९०१२०२५
मुद्रांक विकत घेणाऱ्याचे पत्ता -	
प्रदिप केशव वर (मुद्रांक विक्रेता) परवाना नंबर सन १९९०	
को. नं. २५०४००३ टि. सहसिल कार्यालय आचार करमाळा जि. सोलापूर	Free

महाराष्ट्र न्यायिक, करमाळा
मुद्रांक युक्त
5 AUG 2025
४

Annexure 5.11

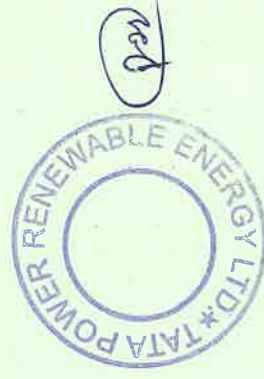
UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra.

From,
M/s. TATA Power Renewable Energy Ltd.
Regd. Office: Corporate Centre, A Block, 34, Sant Tukaram Road,
Carnac Bunder, Mumbai 400 000.

We M/s. TATA Power Renewable Energy Ltd. Regd. Office: Corporate Centre, A Block, 34, Sant Tukaram Road, Carnac Bunder, Mumbai 400 000, do hereby undertake that in connection with laying a 132 kV SCDC tower line overhead cable line at Km 293+420 from LHS to RHS on the Solapur-Mah/Knt Border National Highway (NH-65) in the village Aliyabad, Tal. Tuljapur, District Dharashiv, Maharashtra.

If NHAI considers, it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by NHAI at the cost of agency owing the utility line within a reasonable time (not exceeding 60 days) of the intimation given.



(Authorized Signatory)
(M/s. TATA Power Renewable Energy Ltd.)



43AB 038653

महाराष्ट्र - MAHARASHTRA - 2025 0 करार

दस्तावेजाचा प्रकार / अनुच्छेद क्रमांक -

दस्त नोंदणी करणार आहेत का? -

नोंदणी होणार असल्यास द. नि. कार्यालयाचे नाव -

मिळकतीचे वर्णन -

नोंदवला रकम -

मुद्रांक विकत घेणाराचे नांव - म. टाटा पॉवर लिमिटेड

मुद्राचा प्रकार/प्रकार - रिज्युवेबल

हस्ताक्षर/सहस्य - मुनिषा शिवाजी

हस्ताक्षर/सहस्य - शिवजी शिवाजी

मुद्रांक बँक रकम - ₹. 900/-

नोंदणी मुद्रांक विक्री (द. नि. कार्यालय) - ₹. 2819012024

मुद्रांक विकत घेणाराचे सही - [Signature]

प्रादेशिक केशव वीर (मुद्रांक विक्रेता) परवाना नंबर सन १९९०

फोन नं. २५०४००३ टि. त. त. हसिल कार्यालय आवार करमाळा जि. सोलापूर

मुद्रांक विक्री, कार्यालय
मुद्रांक विक्री
5 AUG 2025
8

Annexure 5.12

UNDERTAKING

To,
The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra.

From,
M/s. TATA Power Renewable Energy Ltd.
Regd. Office: Corporate Centre, A Block, 34, Sant Tukaram Road,
Carnac Bunder, Mumbai 400 000.

We M/s. TATA Power Renewable Energy Ltd. Regd. Office: Corporate Centre, A Block, 34, Sant Tukaram Road, Carnac Bunder, Mumbai 400 000, do hereby undertake that in connection with laying a 132 kV SCDC tower line overhead cable line at Km 293+420 from LHS to RHS on the Solapur-Mah/Knt Border National Highway (NH-65) in the village Aliyabad, Tal. Tuljapur, District Dharashiv, Maharashtra.

- i. Laying of overhead electrical line will not have any deleterious effects on any of bridge components and roadways safety for traffic.
- ii. For 6/8 lanning "M/s. TATA Power Renewable Energy Ltd do undertake that, I will relocate service road/approach road/utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by N-HAI for future six-laning or any other development.



(Authorized Signatory)

(M/s. TATA Power Renewable Energy Ltd.)



महाराष्ट्र MAHARASHTRA

2025

43AB 038656

दस्तावा प्रकार / अनुच्छेद क्रमांक -

करार

दम्न नोंदणी करणार आहेत का?

नोंदणी होणार असल्यास दु. नि. कार्यालयाचे नाव -

विक्रयस्थाने वर्णन -

मोबिली संपत्ती -

मुद्रांक विकत घेणाराचे नाव - **म. दादा पोर्वर शिन्धुवेवम लिमिटी**

दुसऱ्या कारणाचे नाव **मि.मि. मुवई एम्मे दमपय शिवाजी**

हस्तो कालाचास त्याचे नाव व मूल्य -

मार्कड XI. रसिड

मुद्रांक मूल्य रक्कम -

रु. 9001

नोंदणी मुद्रांक क्रमांक -

४८

दिनांक - **28/9/2024**

मुद्रांक विकत घेणाराची राहणी -

R

प्रतिव केशव वीर मुद्रांक विक्रय प्रस्थाना नंबर सन १९९०

को. नं. २५०४००३ चि. तहसिल कार्यालय आवार करगाळा जि. सोलापूर

Free

Annexures

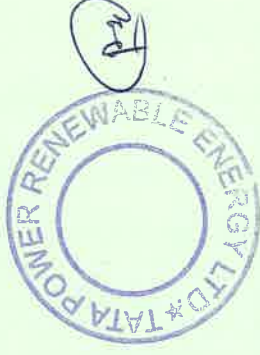
UNDERTAKING

To, The Project Director,
National Highways Authority of India,
Project Implementation Unit-Solapur,
Adjacent to Pune-Solapur Highway,
Mauje bale, Dist. Solapur-413255,
Maharashtra.

From,
M/s. TATA Power Renewable Energy Ltd.
Regd. Office: Corporate Centre, A Block, 34, Sant Tukaram Road,
Carnac Bunder, Mumbai 400 000.

We M/s. TATA Power Renewable Energy Ltd. Regd. Office: Corporate Centre, A Block, 34, Sant Tukaram Road, Carnac Bunder, Mumbai 400 000, do hereby undertake that in connection with laying a 132 kV SCDC tower line overhead cable line at Km 293+420 from LHS to RHS on the Solapur-Mah/Knt Border National Highway (NH-65) in the village Aliyabad, Tal. Tuljapur, District Dharashiv, Maharashtra.

1. The Transmission line installation shall be carried out by trained & experienced personnel & supervised by technically qualified persons competent to undertake such works.
2. The applicant shall ensure the safety of the highway traffic against the hazard of the high voltage lines during installation, operations & Maintenance.
3. We undertake for compliance with Indian electricity rules and other authorities' regulations- All overhead lines shall comply with the requirement of the Indian electricity act and rules made thereunder and regulation or specification as laid down by railways or railway electrification authorities, post and telegraphs department, roadways or navigation or aviation authorities and power and governing bodies, defence authorities and power and telecommunications coordination committee, wherever applicable.



(Authorized Signatory)
(M/s. TATA Power Renewable Energy Ltd.)

This agreement this _____ day of _____ (month) of _____ (year) between _____ Act through _____ capacity _____

_____ (he) rein after referred to as the "Authority" which expression shall unless excluded by or repugnant to the context, include his successors in office and assigns) on the one part _____

M/s. _____ a company registered under the Companies Act, 1956 and having its registered office at _____ (he) reinafter called the "Licensee") which expression shall unless excluded by repugnant to the context, include his successors/administrator assignees on the second part.

Whereas the Authority is responsible, inter-alia, for the development and maintenance of lands in Km _____ to _____ NH no. _____ of ROW.

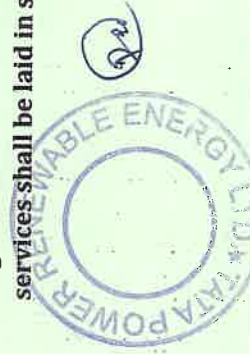
Whereas the Licensee proposes to lay Telecom cable/OFC cable/Electrical cable/pipe line/ducts etc referred to as utility services in subsequent paras.

Whereas the Licensee has applied to the Authority for permission to lay utility services at Km _____ & at Km _____ of road/route _____ respectively.

And whereas the Authority has agreed to grant permission for way of leave on the NH ROW as per terms and conditions hereinafter mentioned.

Now this agreement witnessed that in consideration of the conditions hereinafter contained and on the part of the Licensee to be observed and performed, the Authority hereby grants to the Licensee permission to lay utility services as per namely.

1. ROW permissions are only being enabling in nature. The purpose of extending the way leave facility on the National Highway ROW is not for enhancing the scope of activity of a utility service provider, either by content or by intent. Further, enforceability of the permission so granted shall be restricted only to the extent of provisions/scope of activities defined in the license agreement & for the purpose for which it is granted.
2. No Licensee shall claim exclusive right on the ROW and any subsequent user will be permitted to use the ROW, either above or below, or by the side of the utilities laid by the first user, subject to technical requirements being fulfilled. Decision of the Authority in relation to fulfilment of technical requirements shall be final and binding on all concerned parties. In case any disruption/damage is caused to any existing user by the subsequent user, the Authority shall not be held accountable or liable in any manner.
3. The Licensee shall be responsible for undertaking all activities including, but not limited to site identification, survey, design, engineering, arranging finance, project management, obtaining regulatory approvals & necessary clearances, supply of equipment, material, construction, erection, testing and commissioning, maintenance and operation and all other activities essential or required for efficient functioning of their own utility/ industrial infrastructure facilities.
4. The Licensee shall pay license fees @ Rs. _____/sq m/month to the Authority. The Licensee fee shall become payable from the date of handing over of Row land to the Licensee, for laying of utilities/cables/conduits/pipelines for infrastructure/ service provider. As regards Tariff and Terms and conditions for providing common utility ducts along National Highways, there shall be a separate agreement regime.
5. Fee shall have to be paid in advance for the period for which permission is granted for entering into a license agreement. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @15% per annum compounded annually.
6. Present policy of the MoRT&H is to provide a 2.00 m wide utility corridor on either side of the extreme edge of ROW. In cases where utility ducts with sufficient space are already available along NH, the utility services shall be laid in such ducts subject to technical requirements being fulfilled.



7. The utility services shall be laid at the edge of the ROW. In case of restricted width of Row, which may be adequate only to accommodate the carriageway, central verge, shoulders, slopes of embankment, drains, other road side furniture etc; the utility services shall be laid beyond the toe line of the embankments and clear of the drain.
8. The Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed. In case, this is not feasible, the utility services may be carried outside the railings/parapets and the bridge superstructure. The fixing and supporting arrangement with all details shall be required to be approved in advance from the concerned Highway Administration. Additional cost on account of fixing and supporting arrangement as assessed by the Authority shall be payable by the Licensee.
9. In exceptional cases, where Row is restricted the utility services can be allowed beneath the carriageway of service road, if available, subject to the condition that the utility services be laid in concrete ducts, which will be designed to carry traffic on top. The width of the duct shall not be less than one lane. In such cases, it also needs to ensure that maintenance of the utility services shall not interfere with the safe and smooth flow of traffic. The cost of operation and maintenance will have to be borne by the Licensee.
10. It is to be ensured that at no time there is interference with the drainage of the road land and maintenance of the National Highways. Towards this, the top of the utility services shall be at least 0.6 meter below the ground level. However, any structure above ground shall be aesthetically provided for landscaped with required safety measures as directed by the concerned Authority;
11. The utility services shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing / conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry.
12. Existing drainage structures shall not be allowed to carry the lines across.
13. The top of the casing/conduit pipe containing the utility services to cross the road shall be at least 1.2m below the top of the sub grade or the existing ground level whichever is lower; subject to being at least 0.3m below the drain inverts. A typical sketch showing the clearances is given in Attachment-I
14. The utility services shall cross the National Highway preferable on a line normal to it or as nearly so as practicable.
15. The casing/conduit pipe for crossing the road may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall be preferred.
16. In case of trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm. but not more than 60 cms wider than the outer diameter of the pipe. Filling of the trench shall conform to the specifications contained here-in-below or as supplied by the Highway Authority.
 - a. Bedding shall be to a depth not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles, and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edges should be excavated and replaced by selected material.
 - b. The backfill shall be completed in two stages (i) Side-fill to the level of the top of the pipe (ii) Overfill to the bottom of the road crust.
 - c. The side fill shall consist of granular material laid in 15 cm. Layers each consolidated by mechanical tamping and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.
 - d. The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highway Authority.
17. The Licensee shall ensure making good the excavated trench for laying utility services by proper filling and compaction, so as to restore the land in to the same condition as it was before digging the trench, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way;



18. All required restoration work subsequent to laying of the cable shall be required to be undertaken by the Licensee at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards.
19. Prior to commencement of any work on the ground, a performance Bank Guarantee @ Rs. per route metre / Rs per sq m with a validity of one year initially (extendable if required till satisfactory completion of work) shall have to be furnished by the Licensee to the Authority/its designated agency as a security against improper restoration of ground in terms of filling/unsatisfactory compaction damages caused to other underground installations/utility services & interference, interruption, disruption or failure caused thereof to any services etc. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.
20. In case, the Performance Bank Guarantee is invoked as mentioned above, the Licensee shall be required to replenish and reinstate the required Performance Bank Guarantee within one month of such invoking. In case the work contemplated herein is not completed to the satisfaction of the Authority, which has granted the permission, within a period of 11 months from the date of issue of the Bank Guarantee, the Licensee shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. Notwithstanding this, the Licensee shall be liable to pay full compensation to the aggrieved Authority/ its designated agency for any damage sustained by them by reason of the exercise of the RoW facility.
21. The Licensee shall shift the utility services within 90 days (or as specified by the respective Authority) from the date of issue of the notice by the concerned Authority to shift/relocate the utility services, in case it is so required for the purpose of improvement/widening of the road/route/highway or construction of flyover/bridge and restore the road/land to its original condition at his own cost and risk.
22. The Licensee shall be responsible to ascertain from the respective agency in co-ordination with Authority, regarding the location of other utilities /underground installations/ facilities etc. The Licensee shall ensure the safety and security of already existing underground installations/utilities/facilities etc. before commencement of the excavation/using the existing cable ducts. The Licensee shall procure insurance from a reputed insurance company against damages to already existing underground installations/utilities/facilities etc.
23. The Licensee shall be solely responsible/ liable for full compensation/indemnification of concerned agency/aggrieved Authority for any direct, indirect or consequential damage caused to them/claims or replacements sought for, at the cost and risk of the Licensee. The concerned agency in co-ordination with Authority shall also have a right make good such damages/recover the claims by forfeiture of Bank Guarantee.
24. If the Licensee fails to comply with any condition to the satisfaction of the Authority, the same shall be executed by the Authority at the cost and risk of the Licensee.
25. Grant of License is subject to the Licensee satisfying (a) minimum disruption of traffic and (b) no damage to the highways. As far as possible, the Licensee should avoid cutting of the road for crossing highway, and other roads and try to carry out the work by trenchless technology. In case any damage is caused to the road pavement in this process, the Licensee will be required to restore the road to the original condition at its cost. If due to unavoidable reasons the road needs to be cut for crossing or laying utility services, the Licensee has to execute the restoration work in a time bound manner at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.

26. The Licensee shall inform/give a notice to the concerned agency designated by the Authority at least 15 days in advance with route details prior to digging trenches, for fresh or maintenance/repair works. A separate performance Bank Guarantee for maintenance/repair works shall have to be furnished by the Licensee.



27. Each day, the extent of digging the trenches should be strictly regulated so that utility services is laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the Authority.
28. The licensee shall indemnify the concerned agency in co-ordination with Authority, against all damages and claims, if any due to the digging of trenches for laying cables/ducts.
29. The permission for laying utility services is granted maximum for 5 years at a time, which can thereafter be considered for renewal. On payment of additional fee at the time of renewal, the permission shall automatically be renewed, unless defaults exist. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
30. The permission shall be valid only for the period it is issued and fee deposited. However, the Authority also has a right to terminate the permission or to extend the period of Agreement.
31. That the Licensee shall not undertake any work of shifting, repairs or alterations to the utility services without prior written permission of the concerned agency in co-ordination with the Authority.
32. The permission granted shall not in any way be deemed to convey to the Licensee any ownership right or any interest in route/road/highway land /property, other than what is herein expressly granted. No use of NH RoW will be permitted for any purpose other than that specified in the Agreement.
33. During the subsistence of this Agreement, the utility services located in highway land/property shall be deemed to have been constructed and continued only by the consent and permission of the Authority so that the right of the Licensee to the use thereof shall not become absolute and indefeasible by lapse of time.
34. The Licensee shall bear the Stamp Duty charged on this Agreement.
35. Three copies of 'as laid drawings' of utilities (hard and soft copies) with geo-tagged photographs and geo-tagged video recordings of laying of cables in the trench (with respect to the NH) and after complete restoration shall be submitted to the Authority for verification and record within a month of completion of works.
36. The Licensee shall allow free access to the Site at all times to the authorized representatives of Authority to inspect the Project Facilities and to investigate any matter within their Authority, and upon reasonable notice, shall provide reasonable assistance necessary to carry out their respective duties and functions.
37. The utility services shall not be made operational by the Licensee unless a completion certificate to the effect that the utility services has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfaction of the concerned agency in co-ordination with the Authority has been obtained. Notwithstanding anything contained herein, this Agreement may be cancelled at any time by Authority for breach of any condition of the same and the Licensee shall neither be entitled to any compensation for any loss caused to it by such cancellation nor shall it be absolved from any liability already incurred.
38. The Licensee shall ensure adherence to relevant Indian standards and follow best industry practices, methods and standards for the purpose of ensuring the safe, efficient and economic design, construction, commissioning, operation, repair and maintenance of any part of the utility lines/industrial infrastructure facilities and which practices, methods and standards shall be adjusted as necessary, to take account of:
 - a. Operation, repair and maintenance guidelines given by the manufacturers,
 - b. the requirements of Law,
 - c. the physical conditions at the Site, and
 - d. The safety of operating personnel and human beings.
39. The Licensee shall have to provide safety measures like barricading, danger lighting and other necessary caution boards while executing the work.
40. While laying utility services, at least one lane of road shall be kept open to traffic at all times. In case of single lane roads, a diversion shall be constructed. If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of Licensee.



41. After the termination/expiry of the agreement, the Licensee shall remove the utility services within 90 days and the site shall be brought back to the original condition failing which the Licensee will lose the right to remove the utility services. However before taking up the work of removal of utility services the Licensee shall furnish a Bank Guarantee to the Authority for a period of one year for an amount assessed by the Authority as a security for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the RoW.

42. Any disputes in interpretation of the terms and conditions of this Agreement or their implementation shall be referred to the redress mechanism prevailing in the Ministry and the decision of the redress mechanism shall be final and binding on all.

43. For PPP projects, in case any financial loss incurred by the respective project Concessionaries due to such laying/shifting of utility services by the Licensee, compensation for the same shall be required to be borne by the Licensee in mutual agreement with the respective project concessionaries. MoRT&H/NHAI/implementing authorities for thr project shall not be liable to the concessionaire in any way in his regard

This agreement has been made in duplicate, each on a Stamp paper, each party to this Agreement has retained one stamped copy each.\

IN WITNESS WHEREOF THE PARTIES HERETO HAVE CAUSED THIS AGREEMENT TO BE EXECUTED THROUGH THEIR RESPECTIVE AUTHORISED REPRESENTATIVES THE DAY AND THE YEAR FIRST ABOVE WRITTEN.

SIGNED SELAED AND DELIVERED FOR AND ON BEHALF OF AUTHORITY

BY SHRI _____

(Signature, Name & Address with stamp)

SIGNED ON BEHALF OF M/S _____

(LICENSEE) BY SHRI _____

(Signature, Name & Address with stamp)

HOLDER OF GENERAL POWER OF ATTORNEY _____ (DATED)

EXECUTED IN ACCORDANCE WITH THE RESOLUTION NO. _____ DATED

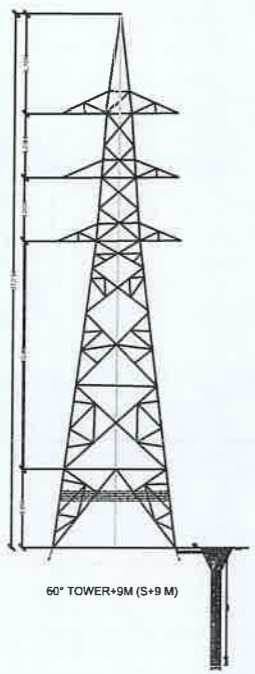
_____ PASSED BY THE BOARD OF DIRECTORS IN THE MEETING HELD ON _____

IN PRESENCE OF (WITNESSES)

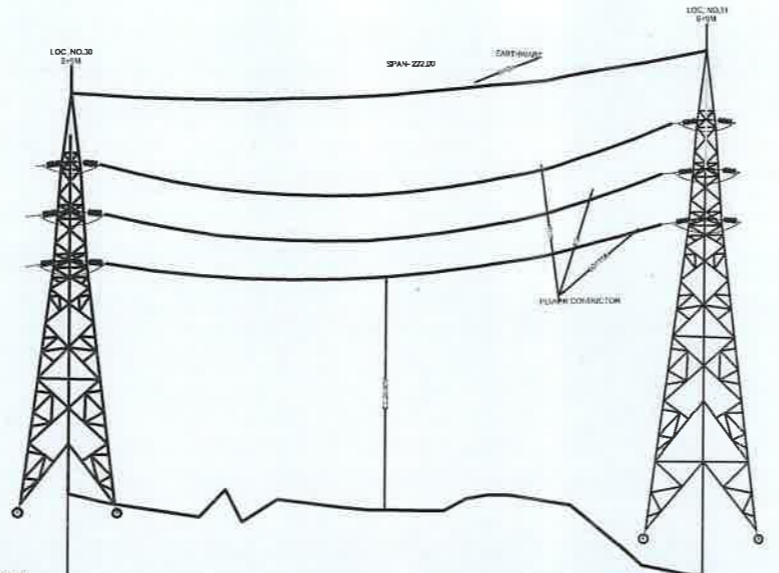


1. _____

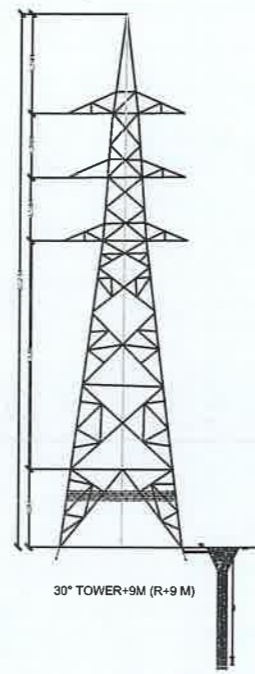
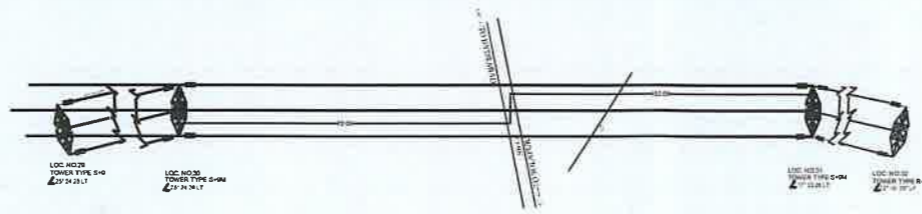
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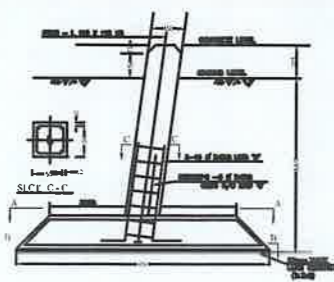
60° TOWER-9M (S+9 M)



DATUM 90 M	
GROUND LEVEL (M)	90.0
CHAINAGE (M)	0.00

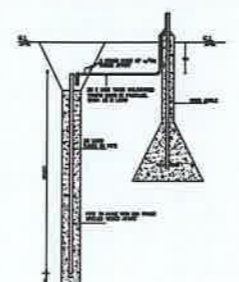


30° TOWER-9M (R+9 M)

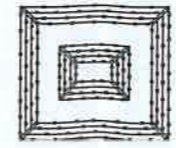


FOUNDATION DETAILS(S+9)

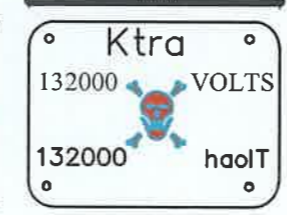
FOUNDATION DETAILS	
1. TYPE OF SOIL	RED SOIL
2. TYPE OF FOUNDATION	PILE FOUNDATION
3. TYPE OF PILE	PRECAST PILE
4. TYPE OF PILE CAP	RC C/P
5. TYPE OF PILE CONNECTION	WELDED CONNECTION
6. TYPE OF PILE CONNECTION	WELDED CONNECTION
7. TYPE OF PILE CONNECTION	WELDED CONNECTION
8. TYPE OF PILE CONNECTION	WELDED CONNECTION
9. TYPE OF PILE CONNECTION	WELDED CONNECTION
10. TYPE OF PILE CONNECTION	WELDED CONNECTION



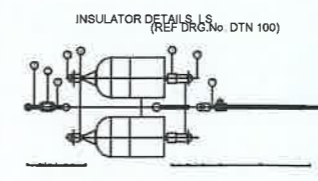
EARTHING DETAILS(S+9)



ANTI CLIMBING DEVICE



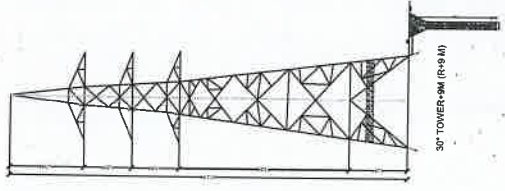
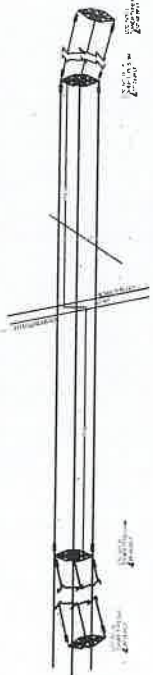
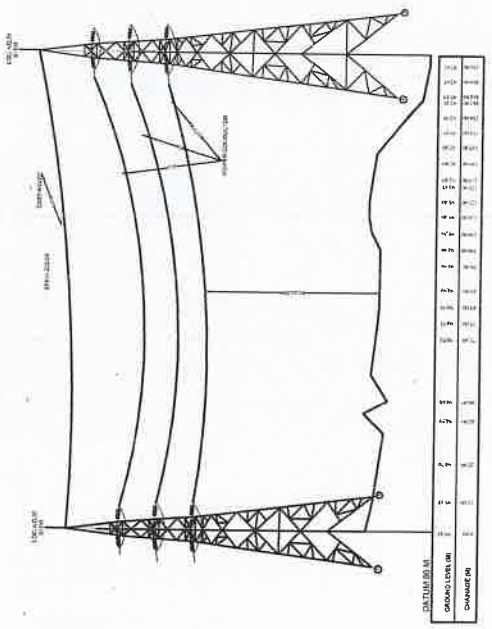
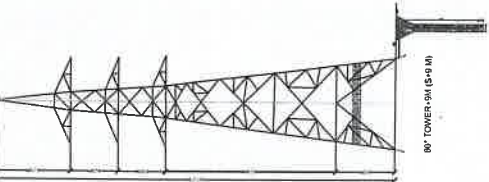
DANGER NOTICE PLATE



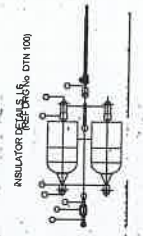
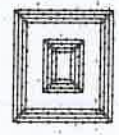
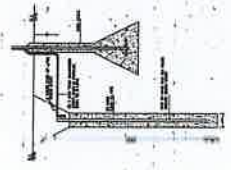
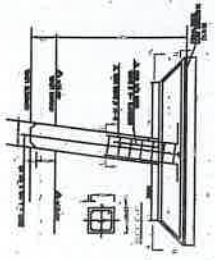
DOUBLE STRING INSULATOR F.S 250

CLIENT— MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD, PROJECT DIVISION LATUR
 DEVELOPER—TATA POWER RENEWABLE ENERGY LTD
 NAME OF WORK:-
 DETAILS OF NATIONAL HIGHWAY OVERHEAD CROSSING FOR 132KV TATA POWER RENEWABLE ENERGY LTD 101MW PSS TO 132KV NALDURG S/STN. SCDC TR. LINE
 SURVEYED BY: _____
 SCALE:- N.T.S.
 SURVEYED BY:- M/S. ARNAV ELECTRICALS DATE:- 27/10/2025
 DRG NO. MSETC/NH/132KV/TATA/PROPOSAL/0





NO.	DESCRIPTION	QTY	UNIT
1
2
3
4
5
6
7
8
9
10



CLIENT - MAXIMUM POWER RENEWABLE ENERGY COMPANY LTD PROJECT SUPERVISOR
 PROJECT - TATA RENEWABLE ENERGY LTD
 DRAWING NO - TATA RENEWABLE ENERGY LTD
 DATE - 27/08/2023
 SCALE - NLS
 DRAWN BY - WE SHIVAJI ELECTRICALS
 CHECKED BY - WE SHIVAJI ELECTRICALS
 APPROVED BY - WE SHIVAJI ELECTRICALS

