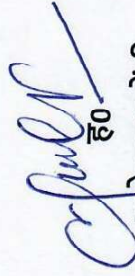


Project- Construction of 220 kV D/C Pithoragarh-Jauljibi Transmission Line and LILO of 400 kV D/C Dhauliganaga-Bareilly Transmission Line at GIS Jauljibi.

Summary Sheet for Trees Detail

Sl. No.	Description	No. of Trees	No of Locations	Reserve/ PRF Forest Area in Ha	Revenue/ DLC Forest Area in Ha	Reamrk
1	Total No. of Enumerated Trees in 35 mtr for 220 kV and 46 mtr for 400 kV	5122 Nos	56	0	58.449	35/46 mtr
2	Total Trees to be cut / felled in Foundation of Tower for 56 locations	244 Nos.	56	0	2.2715	Fdn/Erection work
3	Total Trees to be cut / felled in width clearance below conductor	462 Nos.	56	0	9.879	Stringing/Laying of conductor
4	Total No. of the Trees to be cut / felled	706 Nos.	56	0	12.1505	Fdn & Stringing
5	Trees to be lopped / Pruned only	494 Nos.	56	0	12.1505	Line Corridor


ह०

प्रयोक्ता एजेसी
एन०एस० लस्पल/N.S. Laspai
वरि० उमहाप्रबन्धक/Sr. Dy. General Manager
पावर ग्रिड कॉर्पोरेशन ऑफ इण्डिया लिमिटेड
Power Grid Corporation of India Limited
जेन्जोबी, पिथौरागढ़/Jauljibi, Pithoragarh

ह०
प्रभागिय वनाधिकारी
प्रभासिंह वनाधिकारी,
पिथौरागढ़ वन प्रभाग, पिथौरागढ़।

Name of Project: Construction of 220 kV D/C transmission line from Pithoragarh to Jauljibi and LOOP IN LOOP OUT of 400 kV D/C Dhauliganga - Bareilly line at Jauljibi substation

Total Forest Area Trees in 35 m and 46 m.

Species-wise local/scientific names and girth-wise enumeration of trees at FRL

S. No.	Scientific Name	Local Name	(0-30) cm.	(31-60) cm.	(61-90) cm.	(91-120) cm.	(121-150) cm.	(>150) cm.
1	Quercus leucotricophora	banj	68	652	503	93	12	4
2	Shorea Robusta	sal	113	427	356	87	42	16
3	Toona ciliata	tun	1	9	5	5	4	2
4	Pinus roxburghii	cheer	29	274	579	532	234	61
5	Mangifera Indica	aam	1	2	9	3	1	0
6	Juglans Regia Linn	akhrot	0	0	0	0	0	0
7	Cedrus Deodara	devdar	0	7	13	1	1	0
8	Quercus dilatata	falyant	2	44	27	15	10	1
9	Syzigium Cumini	jamun	6	37	18	10	2	2
10	Mycia nagi	kafal	1	11	2	1	0	0
11	Rhododendron arboreum	burans	7	109	40	3	0	0
12	Misc. Species	kukat & other	37	276	228	58	21	8
Total			265	1848	1780	808	327	94
Sub Total (No of Trees.)			5122					

हो/13/08/2019
 प्रयोक्ता एजेंसी
 (संदीप कोठारी)
 मुख्यालय
 पावरग्रिड, जौलजीबी

वन क्षेत्र अधिकारी
 पिथौरागढ़

हो
 प्रभागीय वनाधिकारी

वन क्षेत्र अधिकारी
 डीडीहाट

प्रभागीय वन अधिकारी
 पिथौरागढ़ वन प्रभाग
 पिथौरागढ़

Name of Project: Construction of 220 kV D/C transmission line from Pithoragarh to Jauljibi and LOOP IN LOOP OUT of 400 kV D/C Dhauliganga - Bareilly line at Jauljibi substation

TREE TO BE CUT IN FOREST LAND

Species-wise local/scientific names and girth-wise enumeration of trees at FRL

S. No.	Scientific Name	Local Name	(0-30) cm.	(31-60) cm.	(61-90) cm.	(91-120) cm.	(121-150) cm.	(>150) cm.
1	Shorea Robusta	sal	4	26	39	31	20	9
2	Toona ciliata	tun	0	0	2	2	2	1
3	Pinus roxburghii	cheer	6	27	85	191	112	40
4	Mangifera Indica	aam	0	0	0	0	1	0
5	Juglans Regia Linn	akhrot	0	0	0	0	0	0
6	Cedrus Deodara	devdar	0	0	0	0	0	0
7	Quercus dilatata	falyant	0	2	0	1	0	0
8	Syzigium Cumini	jamun	2	10	1	4	1	0
9	Mycia nagi	kafal	0	1	0	0	0	0
10	Rhododendron arboreum	burans	0	0	1	0	0	0
11	Misc. Species	kukat & other	2	22	32	20	6	3
Total			14	88	160	249	142	53
Sub Total (No of Trees.)			706					

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ह० 13/08/2019

प्रयोक्ता एजेंसी
(संदीप कोठारी)
मुख्यालय
पावरग्रिड, जौलजीबी

ह०

प्रभागीय वनाधिकारी

प्रभागीय वन अधिकारी
पिथौरागढ़ वन प्रभाग
पिथौरागढ़.

वन क्षेत्र अधिकारी
पिथौरागढ़

वन क्षेत्र अधिकारी
अरुणाचल प्रदेश

Name of Project: Construction of 220 kV D/C transmission line from Pithoragarh to Jauljibi and LOOP IN LOOP OUT of 400 kV D/C Dhauliganga - Bareilly line at Jauljibi substation

TREE TO BE LOPPED IN FOREST LAND

Species-wise local/scientific names and girth-wise enumeration of trees at FRL

S. No.	Scientific Name	Local Name	(0-30) cm.	(31-60) cm.	(61-90) cm.	(91-120) cm.	(121-150) cm.	(>150) cm.
1	Shorea Robusta	sal	14	28	53	18	8	5
2	Toona ciliata	tun	0	1	1	0	0	1
3	Pinus roxburghii	cheer	0	33	120	88	38	7
4	Mangifera Indica	aam	0	0	1	1	0	0
5	Juglans Regia Linn	akhrot	0	0	0	0	0	0
6	Cedrus Deodara	devdar	0	0	0	0	0	0
7	Quercus dilatata	falyant	0	4	2	3	6	1
8	Syzgium Cumini	jamun	0	2	2	2	1	2
9	Mycia nagi	kafal	0	0	0	0	0	0
10	Rhododendron arboreum	burans	0	2	8	1	0	0
11	Misc. Species	kukat & other	1	8	19	6	7	0
Total			15	78	206	119	60	16
Sub Total (No of Trees.)			494					

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हो 13/08/2019

प्रयोक्ता एजेंसी
(संदीप कोठारी)
मुख्यप्रबन्धक
पावरग्रिड, जौलजीबी

हो

प्रभागीय वनाधिकारी

प्रभागीय वन अधिकारी
पिथौरागढ़ वन प्रभाग
पिथौरागढ़.

वन क्षेत्र अधिकारी
छाया/डीडीहाट

Name of Project: Construction of 220 kV D/C transmission line from Pithoragarh to Jauljibi and LOOP IN LOOP OUT of 400 kV D/C Dhauliganga - Bareilly line at Jauljibi substation

TREES NEITHER TO BE FELLED NOR TO BE LOPPED IN FOREST AREA

Species-wise local/scientific names and girth-wise enumeration of trees at FRL

S. No.	Scientific Name	Local Name	(0-30) cm.	(31-60) cm.	(61-90) cm.	(91-120) cm.	(121-150) cm.	(>150) cm.
1	Shorea Robusta	banj	68	652	503	93	12	4
Total			68	652	503	93	12	4
Sub Total (No of Trees.)			1332					

दिनांक
13/08/2019

(संदीप कोठारी)
मुख्यालय
पावरग्रिड, जौलजीबी

वन क्षेत्र अधिकारी
पिथौरागढ़

वन क्षेत्र अधिकारी
अस्सी/डीडीहाट

बनानीय वन अधिकारी
पिथौरागढ़ वन प्रसाह
पिथौरागढ़.

Name of Project: Construction of 220 kV D/C transmission line from Pithoragarh to Jauljibi and LOOP IN LOOP OUT of 400 kV D/C Dhauliganga - Bareilly line at Jauljibi substation

Private Trees Detail

Species-wise local/scientific names and girth-wise enumeration of trees at FRL

S. No.	Scientific Name	Local Name	(0-30) cm.	(31-60) cm.	(61-90) cm.	(91-120) cm.	(121-150) cm.	(>150) cm.
1	Quercus leucotricophora	banj	21	88	100	23	7	2
2	Shorea Robusta	sal	11	68	70	44	8	13
3	Toona ciliata	tun	1	14	16	8	3	7
4	Pinus roxburghii	cheer	2	18	31	19	7	3
5	Mangifera Indica	aam	0	23	23	7	3	7
6	Quercus dilatata	falyant	0	2	1		1	
7	Syzigium Cumini	jamun	7	89	107	33	14	30
8	Misc. Species	kukat & other	16	216	227	74	27	32
Total			58	518	575	208	70	94
Sub Total (No of Trees.)			1523					

हो
13/08/2019

हो
प्रयोक्ता एजेंसी
(संदीप कोठारी)
मुख्यप्रबन्धक
पावरग्रिड, जौलजीबी

हो

प्रभागीय वनाधिकारी
प्रभागीय वनाधिकारी
पिथौरागढ़ वन प्रभाग
पिथौरागढ़.

वन क्षेत्र अधिकारी
पिथौरागढ़

वन क्षेत्र अधिकारी
अस्कोर / डीडीहाट

Name of Project: Construction of 220 kV D/C transmission line from Pithoragarh to Jauljibi and LOOP IN LOOP OUT of 400 kV D/C Dhauliganga - Bareilly line at Jauljibi substation

Private Trees Detail To be Cut

Species-wise local/scientific names and girth-wise enumeration of trees at FRL

S. No.	Scientific Name	Local Name	(0-30) cm.	(31-60) cm.	(61-90) cm.	(91-120) cm.	(121-150) cm.	(>150) cm.
2	Shorea Robusta	sal	0	1	10	11	5	1
3	Toona ciliata	tun	0	1	1	3	2	3
4	Pinus roxburghii	cheer	0	6	7	7	1	1
5	Mangifera Indica	aam	0	2	2	0	0	1
9	Syzigium Cumini	jamun	0	2	7	7	3	15
12	Misc. Species	kukat & other	0	11	32	17	9	13
Total			0	23	59	45	20	34
Sub Total (No of Trees.)			181					

दिनांक
13/08/2019

हो

प्रयोक्ता एजेंसी
(संदीप कोठारी)
मुख्यालय
पावरग्रिड, जौलजीबी

हो

प्रभागीय वनाधिकारी
प्रभागीय वन अधिकारी
पिथौरागढ़ वन प्रभाग
पिथौरागढ़.

वन क्षेत्र अधिकारी
पिथौरागढ़

वन क्षेत्र अधिकारी
31/08/2019 डीडोहाट

Name of Project: Construction of 220 kV D/C transmission line from Pithoragarh to Jauljibi and LOOP IN LOOP OUT of 400 kV D/C Dhauliganga - Bareilly line at Jauljibi substation

Private Trees Detail To be Lopped

Species-wise local/scientific names and girth-wise enumeration of trees at FRL

S. No.	Scientific Name	Local Name	(0-30) cm.	(31-60) cm.	(61-90) cm.	(91-120) cm.	(121-150) cm.	(>150) cm.
2	Shorea Robusta	sal	0	4	0	4	0	6
3	Toona ciliata	tun	0	0	0	0	0	1
4	Pinus roxburghii	cheer	0	0	0	2	1	1
5	Mangifera Indica	aam	0	0	0	4	1	3
9	Syzigium Cumini	jamun	0	0	6	7	5	8
12	Misc. Species	kukat & other	0	12	17	10	7	5
Total			0	16	23	27	14	24
Sub Total (No of Trees.)			104					

हो
13/08/2019
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प्रयोक्ता एजेंसी
(संदीप कोठारी)
मुख्यप्रबन्धक
पावरग्रिड, जौलजीबी

वन क्षेत्राधिकारी
पिथौरागढ़

हो

प्रभागीय वनाधिकारी

प्रभागीय वन अधिकारी
पिथौरागढ़ वन प्रभाग
पिथौरागढ़.

वन क्षेत्र अधिकारी
पिथौरागढ़

Statement indicating the tree enumeration where towers are proposed to be erected and total area within ROW duly authenticated by DFO

Sr. No.	Name of Transmission Line	Total Route Length (km)	Total Route Length in Forest (km)	Width clearance below each conductor (m)	No. of Conductors	Total Area below conductor (ha.)	No. of Trees below conductor	Remarks
1	220 kV D/C Jauljibi Pithoragarh Transmission Line	24.023	15.717	3.00	2.00	9.4302	1161	
2	400 kV Loop In Transmission Line	1.115	0.748	3.00	2.00	0.4488	39	
3	400 kV Loop Out Transmission Line	1.600	0.000	3.00	0.00	0	0	
Total						9.879	1200	

दिनांक
13/08/2019

User Agency

(संदीप कोठारी)

मुख्यालय

पावरग्रिड, जोलजीबी

Divisional Forest Officer

प्रभागीय वन अधिकारी

पिथोरागढ़ वन प्रभाग

पिथोरागढ़

वन क्षेत्र अधिकारी

अरुण/डीडीहाट

Sr. No.	Location No.	Tower Type	Foundation Width (in Metre)	Foundatin Area (in hec.) E = D*D/1000	Species	Tree Details in foundation							Total No. of Trees	Remarks
						0-30 cm	31-60 cm	61-90 cm	91-120 cm	121-150 cm	151 & above			
18	AP-24/0	C5	17.578	0.0309	NIL	0	0	0	0	0	0	0	0	
19	AP-25/0	D5	21.336	0.0455	NIL	0	0	0	0	0	0	0	0	
20	AP-27/0	C5	19.413	0.0377	Cheer	0	1	0	0	0	0	0	1	
21	AP-28/0	C5	19.413	0.0377	Other	0	3	1	0	0	0	0	4	
22	AP-30/0	D5	21.336	0.0455	Other	0	0	0	2	0	0	0	2	
					Cheer	0	0	1	0	0	0	0	1	
					Other	0	3	1	0	0	0	0	4	
23	AP-30A/0	C5	19.413	0.0377	Cheer	1	3	0	0	0	0	0	4	
24	AP-31/0	D5	21.336	0.0455	Cheer	0	2	2	1	0	0	0	5	
25	AP-32/0	B5	17.578	0.0309	Cheer	0	0	0	1	3	2	0	6	
26	AP-33/0	B5	17.578	0.0309	Cheer	0	0	2	1	0	0	0	3	
27	AP-34/0	B5	17.578	0.0309	Cheer	0	2	4	0	0	0	0	6	
28	AP-34A/0	B5	17.578	0.0309	Cheer	0	0	2	2	0	0	0	4	
29	AP-35/0	C5	19.413	0.0377	Cheer	0	0	0	3	0	0	0	3	
30	AP-35A/0	B5	17.578	0.0309	Cheer	0	1	3	3	3	0	0	10	
31	AP-36/0	D5	21.336	0.0455	Cheer	0	0	5	5	0	0	0	10	
32	AP-37/0	C5	19.413	0.0377	Falyat	0	1	0	0	0	0	0	1	
33	AP-41/0	C5	19.413	0.0377	Other	0	1	0	0	0	0	0	1	
34	AP-42/0	D5	21.336	0.0455	NIL	0	0	0	0	0	0	0	0	
35	AP-43/0	D5	21.336	0.0455	NIL	0	0	0	0	0	0	0	0	
					Cheer	0	0	2	3	1	1	0	7	
36	AP-46/0	D5	21.336	0.0455	Saal	0	2	1	0	0	0	0	3	
37	AP-46A/0	D5	21.336	0.0455	Saal	0	0	3	0	0	0	0	3	
					Cheer	0	0	0	2	0	2	0	4	
38	AP-47/0	C5	19.413	0.0377	Cheer	0	1	1	1	0	0	1	4	
39	AP-48/0	C5	19.413	0.0377	Cheer	0	0	0	0	3	1	1	4	
40	AP-49/0	B5	17.578	0.0309	Cheer	0	1	3	3	1	1	1	9	

संदिग्ध

13/08/2019

(संदीप कोठारी)

मुख्यप्रबन्धक
पावरग्रिड, जलजीवी

संदीप कोठारी
मुख्यप्रबन्धक
पावरग्रिड, जलजीवी

अधिकांश/डीडीडाट
अधिकांश/डीडीडाट

Sr. No.	Location No.	Tower Type	Foundation Width (in Metre)	Foundation Area (in hec.) $E = D^2 \pi / 1000$	Species	Tree Details in foundation							Total No. of Trees	Remarks
A	B	C5	D			0-30 cm	31-60 cm	61-90 cm	91-120 cm	121-150 cm	151 & above			
41	AP-50/0	D5	21.336	0.0455	Cheer	0	1	5	0	0	0		6	
42	AP-51/0	D5	21.336	0.0455	Cheer	0	0	6	1	0	0		7	
43	AP-52/0	C5	19.413	0.0377	Cheer	0	0	0	2	0	0		2	
44	AP-57/0	C5	19.413	0.0377	Jamun	1	3	0	0	0	0		4	
45	AP-58/0	D5	21.336	0.0455	Saal	0	1	2	0	0	0		3	
46	AP-59/0	C5	19.413	0.0377	Cheer	0	2	0	0	0	0		2	
47	AP-60/0	D5	21.336	0.0455	Cheer	0	0	0	0	1	0		1	
48	AP-61/0	B5	17.578	0.0309	Jamun	0	7	0	0	0	0		7	
49	AP-62/0	D5	21.336	0.0455	NIL	0	0	0	0	0	0		0	
50	AP-63/0	D5	21.336	0.0455	Saal	2	6	0	0	0	0		8	
51	AP-64/0	D5	21.336	0.0455	Saal	0	0	1	3	2	0		6	
52	AP-65/0	B5	17.578	0.0309	Saal	0	0	4	0	3	1		8	
53	AP-66/0	D5	21.336	0.0455	Saal	0	1	1	1	0	2		5	
Total Foundation Area			1047.34	2.0815		0	2	3	1	0	0		6	
400 kV D/C Loop In Transmission Line														
1	AP-03	DDM+0	25.160	0.063	Saal	0	0	0	1	5	2		8	
2	AP-04	DDM+0	25.160	0.063	Saal	0	0	0	2	2	4		8	
3	AP-05	DDM+3	25.160	0.063	Saal	0	1	2	0	0	0		3	
Total Foundation Area			75.480	0.190									19	
Total Trees in foundation area in 220 & 400 kV transmission lines =														
													244	

13/08/2019

User Agency

(संदीप कोठारी)

मुख्यप्रबन्धक

पावरग्रिड, जोतजीबी

वन क्षेत्र अधिकारी

विशेष प्रमुख

Divisional Forest Officer

समाग्रीय वन अधिकारी

पिथो गाठ वन प्रसाद

वन क्षेत्र अधिकारी

अस्मिता/डीडीहाट

पिथो गाठ वन प्रसाद