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Name of Transmission Licensee

Power Transmission Company of Uttarakhand Limited

**Form 2****Return on Equity**

(Figures in Rs Crore)

S.No.	Item	Previous Year (n-1)	Current Year (n)			Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)
		(Actuals / Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected
1	Equity at the beginning of the year	170.24			190.51	261.95	373.89	707.46
2	Capital Expenditure	91.27			0.00	373.13	1111.93	1150.04
3	Equity portion of capital expenditure	<b>20.27</b>			<b>71.44</b>	<b>111.94</b>	<b>333.58</b>	<b>345.01</b>
4	Equity at the end of the year	190.51			261.95	373.89	707.46	1,052.48
	<b>Return Computation</b>	15.50%			15.50%	15.50%	15.50%	15.50%
5	<b>Return on Equity</b>	27.96			35.07	49.28	83.80	136.40

Petitioner

Name of Transmission Licensee

Power Transmission Company of Uttarakhand Limited

**Form: 2.2**

**Details of Additional RoE**

(Figures in Rs Crore)

Project/ Element	Completion Time as per Investment approval			Actual Completion time			Qualifying time schedule(as per regulation) (in months)
	Start Date	Scheduled COD (Date)	Months	Start Date	Actual COD (Date)	Months	
1	N/A						
2							
3							
4							
....							
.....							

N/A

**Petitioner**

Name of Transmission Licensee Power Transmission Company of Uttarakhand Limited

### Form 3

#### Details of Transmission Lines and Sub-Stations

#### Transmission Lines

(Figures in Rs Crore)

S No.	Name of Line	Type of Line AC/ HVDC	S/C or D/C	No. of Sub-conductor	Voltage Level kV	Line Length Ckt Kms	Date of Commercial Operation	Covered in the Present Petition	
								Yes / No	If No, Petition No. and Year
1	400 KV Rishikesh - Moradabad Line	AC	S.C.	Moose	400KV	157.00	1983	yes	
2	400 KV Rishikesh -Puhana PGCIL Muzaffarnagar	AC	S.C.	Moose	400KV	112.49	31.3.1984	yes	
3	LILO of Rishikesh-Moradabad line at 400 KV S/S Kashipur (Near Dhampur)	AC	D/C	ACSR Moose	400KV	119.00	11/11/2006	yes	
4	220 KV Rishikesh-Chamba	AC	S.C.	ACSR Zebra	220KV	40.50	31.3.1983	yes	
5	220 KV Chamba-Dharasu	AC	S.C.	ACSR Zebra	220KV	38.56	31.3.1983	yes	
6	220 KV Chhibro- Khodri I Ckt.	AC	S.C.	Deer	220KV	5.77	1973	yes	
7	220 KV Chhibro- Khodri II Ckt.	AC	S.C.	Deer	220KV	8.60	1975	yes	
8	220 KV Khodri-Rishikesh	AC	S.C.	Deer	220KV	79.63	Mar-76	yes	
9	220 KV Dharasu-Uttarkashi-I	AC	S.C.	ACSR Zebra	220KV	25.00	22.3.1986	yes	
10	220 KV Dharasu-Uttarkashi-II	AC	S.C.	ACSR Zebra	220KV	24.70	22.3.1986	yes	
11	220 KV Rishikesh- Dharasu-I	AC	S.C.	ACSR Zebra	220KV	79.96	22.3.1986	yes	
12	220 KV Rishikesh-SIDCUL	AC	S.C.	ACSR-Deer	220KV	24.53	17.9.1979	yes	
13	( Haridwar)	AC		ACSR-Deer				yes	
14	220 KV Haridwar-Puhana	AC	S.C.	ACSR-Deer	220 KV	23.31		yes	
15	220 KV Puhana-Roorkee	AC	S.C.	ACSR-Deer	220 KV	16.00		yes	
16	220 KV Pantnagar - Baikunthapur	AC	S.C.	ACSR Zebra	220KV	70.72	26/07/2002	yes	
17	220KV Pantnagar - Kamalwaganja	AC	S.C.	ACSR Zebra	220KV	37.32	26/07/2002	yes	
18	220 KV Railway Traction (2 Phase)	AC	S.C.	ACSR Zebra	220 KV	4.80	15/07/2005	yes	
19	LILO OF 220 KV Rishikesh - Muzaffarnagar line at 220 KV S/s Roorkee	AC	D.C.		220 KV	0.10	11/2/2005	yes	
20	220 KV Rishikesh-Dharasu- II	AC	S.C.	ACSR Zebra	220KV	80.40	23.4.2009	yes	
21	220 KV Chamba-Ghansali	AC	S.C.	ACSR Zebra	220KV	35.79	30.9.2009	yes	
22	220KV Kashipur - Berhani line	AC	D.C.	ACSR Zebra	220KV	53.60	1/1/2011	yes	
23	220 KV Ghansali-Bhilangana line	AC	D.C.	ACSR Zebra	220 KV	39.00	21.10.2011	yes	
24	LILO of 220 KV Roshnabad - Roorkee line at 400 KV S/s Puhana	AC	D.C.	ACSR Panther	220 KV	10.00	24.11.2010	yes	

25	220 KV Berhani - Pantnagar line	AC	D.C.	ACSR Zebra	220 KV	71.06	01.01.2011/ Jan 2013	yes		
26	132 KV Roorkee-Saharanpur	AC	S.C.	ACSR-Panther	132KV	30.72	1958	yes		
27	132 KV Roorkee-Manglore	AC	S.C.	ACSR-Wolf	132KV	13.89	1959	yes		
28	132 KV Roorkee-Laksar	AC	S.C.	ACSR-Wolf	132KV	26.50	1959	yes		
29	132 KV Roorkee-SIDCUL(Haridwar)	AC	S.C.	ACSR-Panther	132KV	31.15	17.9.1979	yes		
30	132 KV Roorkee-Jwalapur	AC	S.C.	ACSR-Panther	132KV	26.57	7.12.1978	yes		
31	132 KV Jwalapur-Chilla	AC	D.C.	ACSR-Panther	132KV	16.89	12.08.1973	yes		
32	132 KV Jwalapur-Rishikesh	AC	S.C.	ACSR-Panther	132KV	22.97	9.1.1979	yes		
33	132 KV Chilla-Nazibabad	AC	S.C.	ACSR-Panther	132KV	53.13	16.6.1995	yes		
34	132 KV Najibabad-Kotdwar	AC	S.C.	ACSR-Panther	132KV	23.78	16.6.1995	yes		
35	132 KV Rishikesh-Bindal	AC	S.C.	ACSR-Panther	132KV	44.73	31.3.1983	yes		
36	132 KV Rishikesh-Majra	AC	S.C.	ACSR-Panther	132KV	41.14	22.8.1966	yes		
37	132 KV Majra-Kulhal-I	AC	S.C.	ACSR-Panther	132KV	41.77	31.3.1983	yes		
38	132 KV Majra-Kulhal-II	AC	S.C.	ACSR-Panther	132KV	44.29	16.4.1976	yes		
39	132 KV Majra-Purkul	AC	S.C.	ACSR-Panther	132KV	22.77	27.3.1983	yes		
40	132 KV Dhalipur-Dhakrani	AC	S.C.	ACSR-Panther	132KV	6.60	1966	yes		
41	132 KV Khodri-Dhakrani	AC	S.C.	ACSR-Panther	132KV	22.77	Apr-72	yes		
42	132 KV Dhalipur-Kulhal	AC	S.C.	ACSR-Panther	132KV	44.61	Apr-72	yes		
43	132 KV Dhalipur-Purkul	AC	S.C.	ACSR-Panther	132KV	13.96	3.3.1984	yes		
44	132 KV Bindal-Majra	AC	D.C.	ACSR-Panther	132KV	8.54	31.3.1992	yes		
45	132 KV Rishikesh-Srinagar	AC	S.C.	ACSR-Panther	132KV	78.00	30.6.1980	yes		
46	132KV Ramnagar - Kalagarh	AC	S/C	ACSR Panther	132KV	69.40	21/09/1978	yes		
47	132KV Jaspur - Kalagarh	AC	S/C	ACSR Panther	132KV	32.74	21/09/1978	yes		
48	132KV Kashipur - Bazpur	AC	S/C	ACSR Panther	132KV	15.62	31/12/1988	yes		
49	132KV Kichha - Richha	AC	S/C	ACSR Panther	132KV	7.6	30/03/1993	yes		
50	132 Kv Kichha - CPP	AC	S/C	ACSR Panther	132KV	18.57	30/03/1993	yes		
51	132 Kv Haldwani - Bhowali	AC	S/C	ACSR Panther	132KV	14.06	1/12/1978	yes		
52	132 Kv Bhowali - Almora	AC	S/C	ACSR Panther	132KV	31.04	17/11/1979	yes		
53	66 KV Roorkee-Pathri-I	AC	S.C.	ACSR-Dog	66KV	20.68	1956	yes		
54	66 KV Roorkee-Pathri-II	AC	S.C.	ACSR-Dog	66KV	20.68	1956	yes		
55	132 KV Laksar-Nehtaur line	AC	S.C.	ACSR Panther	132 KV	53.5		yes		
56	220KV Pantnagar - 132 KV Haldwani	AC	S/C	ACSR Panther	132 KV	39.8		yes		
57	132 KV Kashipur - Thakurdwara line	AC	S/C	ACSR Panther	132 KV	14.3	-	yes		
58	132 KV Jwalapur-Bhupatwala	AC	S.C.	ACSR-Panther	132KV	10.27	2.12.2003	yes		
59	132 KV Chilla-BPT - Rishikesh	AC	S.C.	ACSR-Panther	132KV	53.13	2.12.2003	yes		
60	132 Kv Almora - Pithoragarh	AC	S/C	ACSR Panther	132KV	76.4	6/2/2003	yes		
61	132 Kv Kamaluaganja - Bazpur	AC	S/C	ACSR Panther	132KV	44.24	26/07/2003	yes		
62	132 Kv Kamaluaganja - Haldwani	AC	S/C on D/C Tower	ACSR Panther	132KV	8.4	26/07/2003	yes		
63	132 KV Kashipur (400 KV S/s) - Ramnagar	AC	S/C	ACSR Panther	132KV	20	7/9/2005	yes		
64	132KV Kichha-Sitarganj	AC	S/C on D/C Tower	ACSR Panther	132KV	32.15	1/7/2006	yes		
65	132 Kv Almora - Ranikhet	AC	S/C	ACSR Panther	132KV	22.66	2/12/2006	yes		
66	132KV Pantnagar - Rudrapur	AC	S/C	ACSR Panther	132KV	7.6	5/8/2006	yes		

67	132 KV Kashipur (400 KV S/s) - Jaspur	AC	S/C	ACSR Panther	132KV	20	24/12/2006	yes		
68	132 Kv Kichha - Rudrapur	AC	S/C	ACSR Panther	132KV	20.31	5/8/2006	yes		
69	132 KV Manglore-AIS-I	AC	S.C.	ACSR-Panther	132KV	7	27.10.06	yes		
70	132 KV Manglore-AIS-II	AC	S.C.	ACSR-Panther	132KV	7	27.11.06	yes		
71	132 KV Kashipur (400 KV S/s) - Kashipur 132 KV S/s) 1st	AC	S/C	ACSR Panther	132KV	5.5	13/01/2006	yes		
72	132 KV Kashipur (400 KV S/s) - Kashipur (132 KV S/s) IInd	AC	S/C	ACSR Panther	132KV	6.05	13/01/2006	yes		
73	132 KV Roorkee-Bhagwanpur	AC	S.C.	ACSR-Panther	132KV	20.14	24/05/2006	yes		
74	132 KV Bhagwanpur-Saharanpur	AC	S.C.	ACSR-Panther	132 KV	26.62	24/05/2006	yes		
75	132 KV Manglore - Nehtaur	AC	S.C.	ACSR-Panther	132 KV	73.73	26/10/2006	yes		
76	132 KV Jwalapur - SIDCUL (Haridwar)	AC	S.C.	ACSR-Panther	132KV	0.12	5/6/2007	yes		
77	132KV Khatima- Sitarganj	AC	D/C	ACSR Wolf	132KV	24.3	1/7/2007	yes		
78	132KV Kashipur- IGL	AC	S/C	ACSR Panther	132KV	2.39	21/07/2007	yes		
79	132KV Kashipur- KVS	AC	S/C	ACSR Panther	132KV	1.03	21/07/2007	yes		
80	132 Kv Sitarganj - Dohna	AC	S/C	ACSR Panther	132 KV	105.5	25/08/2007	yes		
81	132 KV Laksar-RBNS Sugar Mill	AC	S.C.	ACSR-Panther	132KV	4.2	1.4.2008	yes		
82	132 Kv Sitarganj - PGCIL (220 KV S/s)	AC	S/C	ACSR Panther	132 KV	0.05	2/3/2009	yes		
83	132 KV Kotdwar-Satpuli	AC	S.C. on D.C.	ACSR-Panther	132KV	46.7	28.01.2010	yes		
84	132 KV Kashipur (400 KV S/s) - Bazpur	AC	S/C on D/C Tower	ACSR Panther	132KV	15.62	10-Feb	yes		
85	LILO of Rishikesh - Srinagar line at 132 KV S/s Srinagar	AC	D/C	ACSR Panther	132 KV	3.286	Dec. 2011	yes		
86	132 KV Second Circuit Sitarganj - Kichcha line	AC	S/C	ACSR Panther	132 KV	32.15	17.01.2011	yes		
87	LILO of 132 KV Kashipur (Old) - Thakurdwara line at 220 KV S/s Mahuakheraganj	AC	D/C	ACSR Panther	132 KV	13.018	24.11.11	yes		
88	LILO of 132 KV Roorkee - Nehtaur line at 132 KV S/s Laksar	AC	D/C	ACSR Panther	132 KV	6	16.07.2007	yes		
89	LILO OF SITARGANJ -KICCHA LINE	AC	D/C	ACSR Panther	132 KV		09.10.2012	yes		
90	LILO 132 Kashipur-Moradabad at 220 Mahuakheraganj	AC	D/C	ACSR Panther	132 KV	6.509	03.07.2012	yes		
91	132kV Satpuli- Sringar	AC	D/C	ACSR Panther	132 KV	104.8	25.02.2013	yes		
92	LILO of 220kV Khodri- Rishikesh line at S/s Dehradun	AC	D/C	ACSR Zebra	220 KV	5.03	30.01.2014	yes		
93	220 KV D/C Line from 400 KV S/s Kashipur to 220 KV S/s Mahuakheraganj	AC	D/C	ACSR Zebra	220 KV	33.46	10-05-14	yes		
94	LILO of 132 KV Majra-Rishikesh line at 132 KV S/S Laltappar	AC	D/C	ACSR Panther	132 KV	3	13.02.15	yes		
95	LILO of 132 KV Kulhal-Majra Line at 220 KV S/s Dehradun	AC	D/C	ACSR Panther	132 KV	2	29.07.15	yes		

Sub-Stations										
S No.	Name of Sub-Station	Type of Sub-Station Conventional/GIS/ HVDC terminal/ HVDC back to	Voltage Level kV	No. of Transformer s/Reactors/SVC, etc. (with capacity)	No. of Bays			Date of Commercial Operation	Covered in the Present Petition	
					400 kV	220 kV	132 kV & below		Yes / No	If No, Petition No. and Year
1	400 KV S/S Rishikesh	Conventional	400/220 KV	1x315+1x 240				16.12.1983	Yes	
2	400 KV S/S Kashipur	Conventional	400/220 KV	2x315				11.11.2006	Yes	
3	220 KV S/S Rishikesh	Conventional	220/132 KV	2x160				12.12.1974	Yes	
4	220 KV S/S Chamba	Conventional	220/33 KV	2x25				23.9.1980	Yes	
5	220 KV S/S Haldwani	Conventional	220/132 KV	1 x 200				26.07.2002	Yes	
6	220 KV S/S Roorkee	Conventional	220/132 KV	2x 160				10.6.2005	Yes	
7	220 KV S/S Pantnagar	Conventional	220/132 KV	2x160				09.07.2005	Yes	
8	220 KV S/S SIDCUL, Haridwar	Conventional	220/132 KV	2x60				19.6.2006	Yes	
9	220 KV S/S Mahuakheraganj	Conventional	220/132 KV	2 x 100				24.11.2011	Yes	
10	220 KV S/S Dehradun	Conventional	220/132 KV	2 x 160				30.01.2014	Yes	
11	132 KV S/S Rishikesh	Conventional	132/33 KV	1x 12.5				16.8.1966	Yes	
12	132 KV S/S Roorkee	Conventional	132/33 KV	3x40				1956	Yes	
13	132 KV S/S Roorkee	Conventional	132/66 KV	2x20				1956	Yes	
14	132 KV S/S Jwalapur	Conventional	132/33 KV	2x40				12.8.1973	Yes	
15	132 KV S/S Srinagar	Conventional	132/33 KV	1x40 +1x20				31.3.1981	Yes	
16	132 KV S/S Srinagar	Conventional	132/66 KV	1x(3x5)+20				31.3.1981	Yes	
17	132 KV S/S Kotdwar	Conventional	132/33 KV	2x40				28.3.1995	Yes	
18	132 KV S/S Bindal	Conventional	132/33 KV	2x40				19.6.1992	Yes	
19	132 KV S/S Purkulgoan	Conventional	132/33 KV	1x20 + 1x40				27.3.1983	Yes	
20	132 KV S/S Bhowali	Conventional	132/33 KV	2x(3x5)+20				12/1/1978	Yes	
21	132 KV S/S Kathgodam	Conventional	132/33 KV	2x40				4.10.1978	Yes	
22	132 KV S/S Kathgodam	Conventional	132/66 KV	1x20				4.10.1978	Yes	
23	132 KV S/S Kichha	Conventional	132/33KV	2x40				30.03.1993	Yes	
24	132 KV S/S Almora	Conventional	132/33KV	3x20				17.11.1979	Yes	
25	132 KV S/S Kashipur	Conventional	132/33KV	3x40				21.09.1978	Yes	
26	132 KV S/S Bazpur	Conventional	132/33KV	1x40+1x80				31.12.1988	Yes	
27	132 KV S/S Majra	Conventional	132/33 KV	3x40				22.08.1966	Yes	
28	132 KV S/S Bhupatwala	Conventional	132/33 KV	2x40				30.12.2003	Yes	
29	132 KV S/S Manglore	Conventional	132/33 KV	2x40				27.10.2006	Yes	
30	132 KV S/S Bhagwanpur	Conventional	132/33 KV	2x40+1x20				25.5.2006	Yes	





Name of Transmission Licensee

Power Transmission Company of Uttarakhand Limited

**Form 4****Transmission Losses**

S.No	Loss Calculation	Previous Year (n-1) (Actuals / Audited)	Current Year (n)			Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)
			Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected
1	Total Energy Delivered by Generating Stations in the State and interstate tie-lines to the Transmission System of the Licensee (MU)	13,612,281	6833852	7064200	13898052	14739101.12	15550561.8	16389213.48
2	Energy Delivered by Grid S/Ss to Distribution Licensees/EHT Consumers (MU)	13,370,273	6713485	6935413	13648898	14476745.12	15273761.8	16097485.48
3	<b>Transmission loss in system (1-2)</b>	242,008	120,367	128,787	249,154	262,356	276,800	291,728
4	<b>Transmission loss in system (%) {(1-2)/1}</b>	1.78%	1.76%	1.82%	1.79%	1.78%	1.78%	1.78%

*Assumptions made, if any, should be clearly indicated at appropriate places.*

**Petitioner**

Name of Transmission Licensee

Power Transmission Company of Uttarakhand Limited

### Form 5

### Transmission Availability Factor

(Figures in Rs Crore)

S.No	Particulars	Previous Year (n-1)	Current Year (n)			Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)
		(Actuals/Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected
1	Transmission Availability Factor	99.33%	99.17%	>99%	>99%	>99%	>99%	>99%

Petitioner

**Form 6****Income from investments, Non-tariff income and Other Business**

(Figures in Rs Crore)

S.No	Particulars	Previous Year (n-1)	Current Year (n)			Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)
		(Actuals / Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected
<b>A</b>	<b>Income from Investments</b>							
1	Interest Income from Investments							
2	Interest on fixed deposits							
3	Interest from Banks other than Fixed Deposits							
4	Interest on any other items							
	<b>Sub-Total (a)</b>							
<b>B</b>	<b>Other Non Tariff Income</b>							
1	Interest on loans and Advances to Staff							
2	Interest on Loans and Advances to Lessors							
3	Interest on Advances to Suppliers / Contractors	0.10	0.05					
4	Gain on Sale of Fixed Assets							
5	Income/Fee/Collection against staff welfare activities							
6	Revenue from surcharges for late payment							
7	Revenue from surcharge for low power factor and other penal charges							
8	Miscellaneous receipts	2.32	0.65					
9	Misc. charges from consumers							
	<b>Sub-Total (b)</b>	2.42	0.70	1.84	2.54	2.67	2.80	2.94
<b>C</b>	<b>Income from Other Business</b>							
	Income from other business under Section 41 of EA, 2003							
	<b>Total (a)+(b)+( c)</b>	2.42	0.70	1.84	2.54	2.67	2.80	2.94

Petitioner

Name of Transmission Licensee

Power Transmission Company of Uttarakhand Limited

**Form 7**

**Open Access related charges**

(Figures in Rs Crore)

S.No	Particulars	Previous Year (n-1)	Current Year (n)			Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)
		(Actuals / Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected
1	Grid support charges							
2	Reactive energy drawl charges							
3	Scheduling and system operation charges							
4	Inter-state transmission charges (for open access consumers)							
5	Handling and Service Charges							
6	Any other levies as approved by the Commission							
	<b>Total</b>				N/A			

**Petitioner**

## Form 8

## Operations and Maintenance Expenses

(Figures in Rs Crore)

S.No.	Item	Previous Year (n-6)	Previous Year (n-5)	Previous Year (n-4)	Previous Year (n-3)	Previous Year (n-2)	Previous Year (n-1)	Current Year (n)			Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)
		(Actuals/ Audited)	(Actuals/ Audited)	(Actuals/ Audited)	(Actuals/ Audited)	(Actuals/ Audited)	(Actuals/ Audited)	(Actuals/ Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected
1	Employee Expenses	27.49	37.68	45.93	49.40	50.61	51.85	27.68	33.33	61.01	74.87	82.06	90.95
2	Administrative & General Costs	9.24	12.76	14.82	15.04	11.11	16.56	8.83	8.11	16.94	17.70	18.50	19.35
3	Repair & Maintenance Expenses	12.25	11.75	18.03	20.51	18.67	14.21	8.16	17.27	25.43	32.80	44.48	78.07
	<b>Sub-total (1 to 3)</b>	<b>48.98</b>	<b>62.19</b>	<b>78.78</b>	<b>84.95</b>	<b>80.38</b>	<b>82.62</b>	<b>44.67</b>	<b>58.71</b>	<b>103.38</b>	<b>125.37</b>	<b>145.04</b>	<b>188.36</b>

Petitioner

**Form 8.1**  
**Employee Expenses**

(Figures in Rs Crore)

S.No	Particulars	Previous Year (n-6)	Previous Year (n-5)	Previous Year (n-4)	Previous Year (n-3)	Previous Year (n-2)	Previous Year (n-1)	Current Year (n)			Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	Remarks
		(Actuals/ Audited)	(Actuals/ Audited)	(Actuals/ Audited)	(Actuals/ Audited)	(Actuals/ Audited)	(Actuals/ Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected	
<b>A</b>	<b>Employee's Cost (Other Than Covered In 'C'&amp;'D')</b>													
1	Salaries	12.14	20.61	24.49	22.81	17.98	18.42	9.83	11.84	21.68	26.60	29.15	32.32	
2	Additional Pay / Dearness Allowance (DA)	4.70	8.44	10.72	14.38	15.17	15.54	8.30	9.99	18.29	22.44	24.59	27.26	
3	Other Allowances & Relief	6.02	2.23	2.37	2.80	2.71	2.78	1.48	1.78	3.27	4.01	4.39	4.87	
4	Interim Relief / Wage Revision	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	Honorarium/Overtime	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6	Statutory bonus/ Ex-gratia	0.27	0.25	0.25	0.39	0.22	0.22	0.12	0.14	0.26	0.32	0.35	0.39	
7	Director's remuneration	-	-	0.38	0.54	0.44	0.45	0.24	0.29	0.53	0.66	0.72	0.80	
	<b>Sub Total</b>	<b>23.13</b>	<b>31.53</b>	<b>38.21</b>	<b>40.92</b>	<b>36.52</b>	<b>37.42</b>	<b>19.98</b>	<b>24.06</b>	<b>44.03</b>	<b>54.03</b>	<b>59.22</b>	<b>65.64</b>	
<b>B</b>	<b>Other Costs</b>						0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1	Medical Expenses Reimbursement	0.22	0.43	0.35	0.43	0.59	0.60	0.32	0.39	0.71	0.87	0.95	1.05	
2	Travelling Allowance(Conveyance Allowance)	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Leave Travel Assistance	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	Earned Leave Encashment	2.39	1.60	6.00	6.11	5.10	5.22	2.79	3.36	6.14	7.54	8.26	9.16	
5	Payment Under Workman's Compensation And Gratuity	-	-	-	0.00	0.05	0.05	0.03	0.03	0.06	0.07	0.07	0.08	
6	Subsidised Electricity To Employees	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Any Other Item	1.50	3.26	0.04	0.02	0.03	0.03	0.01	0.02	0.03	0.04	0.04	0.05	
8	Staff Welfare Expenses	-	-	0.02	0.04	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	
	<b>Sub Total</b>	<b>4.11</b>	<b>5.29</b>	<b>6.41</b>	<b>6.60</b>	<b>5.77</b>	<b>5.91</b>	<b>3.15</b>	<b>3.80</b>	<b>6.95</b>	<b>8.53</b>	<b>9.35</b>	<b>10.36</b>	
<b>C</b>	<b>Apprentice And Other Training Expenses</b>						0.00	0.00	0.00	0.00	0.00	0.00	0.00	
<b>D</b>	<b>Contribution To Terminal Benefits</b>						0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1	Provident Fund Contribution	0.18	0.23	2.14	2.43	2.83	2.90	1.55	1.86	3.41	4.18	4.58	5.08	
2	Provision for PF Fund	1.26	1.60	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Any Other Items	3.15	3.58	4.52	5.72	5.49	5.63	3.00	3.62	6.62	8.13	8.91	9.87	
	<b>Total C</b>	<b>4.59</b>	<b>5.41</b>	<b>6.66</b>	<b>8.14</b>	<b>8.32</b>	<b>8.52</b>	<b>4.55</b>	<b>5.48</b>	<b>10.03</b>	<b>12.31</b>	<b>13.49</b>	<b>14.95</b>	
<b>E</b>	<b>Grand Total</b>	<b>31.83</b>	<b>42.23</b>	<b>51.28</b>	<b>55.66</b>	<b>50.61</b>	<b>51.85</b>	<b>27.68</b>	<b>33.33</b>	<b>61.01</b>	<b>74.87</b>	<b>82.06</b>	<b>90.95</b>	
<b>F</b>	Employee expenses capitalised	4.34	4.55	5.34	6.26		0.00	0.00	0.00	0.00	0.00	0.00	0.00	
<b>G</b>	<b>Net Employee expenses (E)-(F)</b>	<b>27.49</b>	<b>37.68</b>	<b>45.94</b>	<b>49.40</b>	<b>50.61</b>	<b>51.85</b>	<b>27.68</b>	<b>33.33</b>	<b>61.01</b>	<b>74.87</b>	<b>82.06</b>	<b>90.95</b>	

**B. Details of number of employees**

S. No.	Item	Previous Year (n-6)	Previous Year (n-5)	Previous Year (n-4)	Previous Year (n-3)	Previous Year (n-2)	Previous Year (n-1)	Current Year (n)			Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	Remarks
		(Actuals/ Audited)	(Actuals/ Audited)	(Actuals/ Audited)	(Actuals/ Audited)	(Actuals/ Audited)	(Actuals/ Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected	
<b>A</b>	<b>Officer/Managerial Cadre</b>													
1	Technical			130	159	147	148	160	159	147	172	-25	197	
2	Administrative			5	8	8	8	8	8	8	8	0	8	
3	Accounts and finance			5	7	7	7	7	7	7	10	7	9	
4	Other (Please specify)													
<b>B</b>	<b>Staff Cadre</b>													
5	<b>Technical</b>													
5.1	Grade I			64	65	56	54	63	65	56	72	-16	88	
5.2	Grade II			66	94	91	94	97	94	91	100	-9	109	
5.4	Grade III			401	383	410	407	380	383	410	353	57	296	
5.5	Grade IV			99	77	60	45	62	77	60	79	-19	98	
6	<b>Administrative</b>													
6.1	Grade I			3	5	6	6	5	5	6	4	2	2	
6.2	Grade II			2	3	2	2	3	3	2	4	-2	6	
6.3	Grade III			129	95	88	84	91	95	88	98	-10	108	
6.4	Grade IV			39	37	30	25	32	37	30	39	-9	48	
7	<b>Accounts and finance</b>													
7.1	Grade I			2	3	3	4	4	3	3	4	-1	5	
7.2	Grade II			3	4	4	3	3	4	4	3	1	2	
7.3	Grade III			59	59	34	34	59	59	34	84	-50	134	
7.4	Grade IV													
8	<b>Total number of employees</b>													
8.1	Grade I	66	64	69	73	65	64	72	73	65	80	-15	95	
8.2	Grade II	44	75	71	101	97	99	103	101	97	107	-10	117	
8.3	Grade III	619	584	589	537	532	525	530	537	532	535	-3	538	
8.4	Grade IV	200	174	138	114	90	70	94	114	90	118	-28	146	
	<b>Total Employees</b>	<b>929</b>	<b>897</b>	<b>867</b>	<b>825</b>	<b>784</b>	<b>758</b>	<b>799</b>	<b>825</b>	<b>784</b>	<b>840</b>	<b>-56</b>	<b>896</b>	

Petitioner



Name of Transmission Licensee \_\_\_\_\_

Power Transmission Company of Uttarakhand Limited

**Form 8.2****Repair & Maintenance Expenditure**

(Figures in Rs Crore)

S. No	Particulars	Previous Year (n-6)	Previous Year (n-5)	Previous Year (n-4)	Previous Year (n-3)	Previous Year (n-2)	Previous Year (n-1)	Current Year (n)			Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	Remarks
		(Actuals / Audited)	(Actuals / Audited)	(Actuals / Audited)	(Actuals / Audited)	(Actuals / Audited)	(Actuals / Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected	
1	Plant and Machinery	8.16	6.95	9.58	11.62	12.21	10.83	5.34	11.29	16.63	21.45	29.09	51.05	
2	Building	1.62	1.31	2.34	1.71	0.79	0.70	0.35	0.73	1.08	1.39	1.88	3.30	
3	Civil Works					0.36	0.32	0.16	0.33	0.49	0.63	0.86	1.51	
4	Hydraulic Works					-		0.00	0.00	0.00	0.00	0.00	0.00	
5	Lines, Cables Net Works etc.	2.47	3.49	6.10	7.15	5.24	4.65	2.29	4.85	7.14	9.21	12.48	21.91	
6	Vehicles					0.04	0.04	0.02	0.04	0.05	0.07	0.10	0.17	
7	Furniture and Fixtures					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Office Equipments					0.03	0.03	0.01	0.03	0.04	0.05	0.07	0.13	
9	Station Supplies					-		0.00	0.00	0.00	0.00	0.00	0.00	
10	Other Credits to R&M Charges		0.00	0.01	0.03	-		0.00	0.00	0.00	0.00	0.00	0.00	
	<b>Total (1 to 10)</b>	12.25	11.75	18.03	20.51	18.67	16.56	8.16	17.27	25.43	32.80	44.48	78.07	

Petitioner



**Form 9.1****Statement of Total Gross Fixed Asset****Previous year (n-1)**

(Figures in Rs Crore)

Particulars of Assets	Opening balance*	Additions during the year	Retirement of assets during the year	Closing balance
a) Land	31.52	0.00	0.14	31.38
b) Building	56.17	0.37	0.00	56.54
c) Major Civil Works	6.08	0.02	0.00	6.10
d) Plant & Machinery	437.62	50.62	7.16	481.08
e) Lines and Cable Network	429.41	39.51	0.02	468.90
f) Vehicles	0.72	0.00	0.00	0.72
g) Furniture and Fixtures	1.66	0.54	0.00	2.20
h) Office Equipment & Other Items	1.63	0.21	0.01	1.83
<b>Total</b>	<b>964.81</b>	<b>91.27</b>	<b>7.33</b>	<b>1048.75</b>

\*As approved by commission

**Current Year (n)**

(Figures in Rs Crore)

Particulars of Assets	Opening Balance	Additions of assets during the year		Retirement of assets during the year		Closing balance
		Apr-Sep (Actual)	Oct-Mar (Estimated)	Apr-Sep (Actual)	Oct-Mar (Estimated)	
a) Land	31.38					
b) Building	56.54					
c) Major Civil Works	6.10					
d) Plant & Machinery	481.08					
e) Lines and Cable Network	468.90					
f) Vehicles	0.72					
g) Furniture and Fixtures	2.20					
h) Office Equipment & Other Items	1.83					
<b>Total</b>	<b>1048.75</b>	<b>18.12</b>	<b>220.01</b>			<b>1,286.88</b>

**Ensuing year (n +1)**

(Figures in Rs Crore)

Particulars of Assets	Opening balance	Additions during the year	Retirement of assets during the year	Closing balance
a) Land				
b) Building				
c) Major Civil Works				
d) Plant & Machinery				
e) Lines and Cable Network				
f) Vehicles				
g) Furniture and Fixtures				
h) Office Equipment & Other Items				
<b>Total</b>	<b>1286.88</b>	<b>373.13</b>		<b>1660.01</b>

**Form 9.1****Statement of Total Gross Fixed Asset****Ensuing year (n +2)**

(Figures in Rs Crore)

Particulars of Assets	Opening balance	Additions during the year	Retirement of assets during the year	Closing balance
a) Land				
b) Building				
c) Major Civil Works				
d) Plant & Machinery				
e) Lines and Cable Network				
f) Vehicles				
g) Furniture and Fixtures				
h) Office Equipment & Other Items				
<b>Total</b>	<b>1660.01</b>	<b>1111.93</b>		<b>2771.94</b>

**Ensuing year (n +3)**

(Figures in Rs Crore)

Particulars of Assets	Opening balance	Additions during the year	Retirement of assets during the year	Closing balance
a) Land				
b) Building				
c) Major Civil Works				
d) Plant & Machinery				
e) Lines and Cable Network				
f) Vehicles				
g) Furniture and Fixtures				
h) Office Equipment & Other Items				
<b>Total</b>	<b>2771.94</b>	<b>1150.04</b>		<b>3921.98</b>

Petitioner

Name of Transmission Licensee

Power Transmission Company of Uttarakhand Limited

**Form 9.2****Deposit works and grants/subsidies towards cost of capital assets**

(Figures in Rs Crore)

S.No	Particulars	Previous Year (n-1)				Current Year (n)		Ensuing Year (n+1)		Ensuing Year (n+2)		Ensuing Year (n+3)	
		Balance at the start of the year*	Additions during the Year	Retirements during the year	Balance at the end of the Year	Additions during the Year	Balance at the end of the Year	Additions during the Year	Balance at the end of the Year	Additions during the Year	Balance at the end of the Year	Additions during the Year	Balance at the end of the Year
1	Consumer Contribution / deposit works Towards Cost Of Capital Assets	63.42	23.71	4.23	82.90	0.50	83.40						
2	Grant/subsidies Towards Cost Of Capital Assets	N/A											
	<b>Total</b>	<b>63.42</b>	<b>23.71</b>	<b>4.23</b>	<b>82.90</b>	<b>0.50</b>	<b>83.40</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

\*As approved by commission

Petitioner

**Form 9.3****Statement of GFA funded through Deposit Works/Capital Subsidy/Grant****Previous year (n-1)**

(Figures in Rs Crore)

Particulars of Assets	Opening balance	Additions during the year	Retirement of assets during the year	Closing balance
a) Land				
b) Building			0.02	
c) Major Civil Works			0.02	
d) Plant & Machinery			1.47	
e) Lines and Cable Network			2.72	
f) Vehicles				
g) Furniture and Fixtures				
h) Office Equipment & Other Items				
<b>Total</b>	63.42	23.71	4.23	82.9

**Current Year (n)**

(Figures in Rs Crore)

Particulars of Assets	Opening Balance	Additions of assets during the year		Retirement of assets during the year		Closing balance
		Apr-Sep (Actual)	Oct-Mar (Estimated)	Apr-Sep (Actual)	Oct-Mar (Estimated)	
a) Land						
b) Building						
c) Major Civil Works						
d) Plant & Machinery						
e) Lines and Cable Network			0.5			
f) Vehicles						
g) Furniture and Fixtures						
h) Office Equipment & Other Items						
<b>Total</b>	82.9		0.5			83.4

**Form 9.3****Statement of GFA funded through Deposit Works/Capital Subsidy/Grant**

Ensuing year (n +1)

(Figures in Rs Crore)

Particulars of Assets	Opening balance	Additions during the year	Retirement of assets during the year	Closing balance
a) Land				
b) Building				
c) Major Civil Works				
d) Plant & Machinery				
e) Lines and Cable Network				
f) Vehicles				
g) Furniture and Fixtures				
h) Office Equipment & Other Items				
<b>Total</b>	83.4			83.4

Ensuing year (n +2)

(Figures in Rs Crore)

Particulars of Assets	Opening balance	Additions during the year	Retirement of assets during the year	Closing balance
a) Land				
b) Building				
c) Major Civil Works				
d) Plant & Machinery				
e) Lines and Cable Network				
f) Vehicles				
g) Furniture and Fixtures				
h) Office Equipment & Other Items				
<b>Total</b>	83.4			83.4

Ensuing year (n +3)

(Figures in Rs Crore)

Particulars of Assets	Opening balance	Additions during the year	Retirement of assets during the year	Closing balance
a) Land				
b) Building				
c) Major Civil Works				
d) Plant & Machinery				
e) Lines and Cable Network				
f) Vehicles				
g) Furniture and Fixtures				
h) Office Equipment & Other Items				
<b>Total</b>	83.4			83.4

Petitioner

**Form 9.4****Statement of GFA excluding Assets funded through Deposit Works/Capital Subsidy/Grant****Previous year (2014-15)**

(Figures in Rs Crore)

Particulars of Assets	Opening balance	Additions during the year	Retirement of assets during the year	Closing balance
a) Land				
b) Building				
c) Major Civil Works				
d) Plant & Machinery				
e) Lines and Cable Network				
f) Vehicles				
g) Furniture and Fixtures				
h) Office Equipment & Other Items				
<b>Total</b>	901.39	67.56	3.10	965.9

**Current Year (n)**

(Figures in Rs Crore)

Particulars of Assets	Opening Balance	Additions of assets during the year		Retirement of assets during the year		Closing balance
		Apr-Sep (Actual)	Oct-Mar (Estimated)	Apr-Sep (Actual)	Oct-Mar (Estimated)	
a) Land						
b) Building						
c) Major Civil Works						
d) Plant & Machinery						
e) Lines and Cable Network						
f) Vehicles						
g) Furniture and Fixtures						
h) Office Equipment & Other Items						
<b>Total</b>	965.9	17.62	220.01			1,203.48

**Ensuing year (n +1)**

(Figures in Rs Crore)

Particulars of Assets	Opening balance	Additions during the year	Retirement of assets during the year	Closing balance
a) Land				
b) Building				
c) Major Civil Works				
d) Plant & Machinery				
e) Lines and Cable Network				
f) Vehicles				
g) Furniture and Fixtures				
h) Office Equipment & Other Items				
<b>Total</b>	1,203.48	373.13		1,576.61



**Form 9.4****Statement of GFA excluding Assets funded through Deposit Works/Capital Subsidy/Grant****Ensuing year (n +2)**

(Figures in Rs Crore)

Particulars of Assets	Opening balance	Additions during the year	Retirement of assets during the year	Closing balance
a) Land				
b) Building				
c) Major Civil Works				
d) Plant & Machinery				
e) Lines and Cable Network				
f) Vehicles				
g) Furniture and Fixtures				
h) Office Equipment & Other Items				
<b>Total</b>	1,576.61	1111.93		2,688.54

**Ensuing year (n +3)**

(Figures in Rs Crore)

Particulars of Assets	Opening balance	Additions during the year	Retirement of assets during the year	Closing balance
a) Land				
b) Building				
c) Major Civil Works				
d) Plant & Machinery				
e) Lines and Cable Network				
f) Vehicles				
g) Furniture and Fixtures				
h) Office Equipment & Other Items				
<b>Total</b>	2,688.54	1150.04		3,838.58

Petitioner

**Form: 9.5****Element wise Break-up of Project/Asset/Element Cost for Transmission System or Communication System**

(Figures in Rs Crore)

Sl. No. (1)	Cost in Rs. Lakh									
	As per Original Estimates (3)			Actual Capital Expenditure as on COD (4)			Liabilities/ Provisions (5)	Variation (6=3-4-5)	Reasons for Variation (7)	Admitted Cost (8)
	Quantity	Rate	Estimated Amount	Quantity	Rate	Estimated Amount				
A	TRANSMISSION LINE									
1.0	Preliminary works									
1.1	Design & Engineering									
1.2	Preliminary Investigation, Right of way, forest clearance, PTCC, general civil works etc.									
1.3	Total Preliminary works									
2.0	Transmission Lines material									
2.1	Towers Steel									
2.2	Conductor									
2.3	Earth Wire									
2.4	Insulators									
2.5	Hardware Fittings									
2.6	Conductor & Earth wire accessories									
2.7	Spares									
2.8	Erection, Stringing & Civil works including foundation									
	<b>Total Transmission Lines material</b>									
3.0	Taxes and Duties									
3.1	Custom Duty									
3.2	Other Taxes & Duties									
	<b>Total Taxes &amp; Duties</b>									
	<b>Total -Transmission lines</b>									
B.	SUBSTATIONS									
4.0	Preliminary works & land									
4.1	Design & Engineering									
4.2	Land									
4.3	Site preparation									
	<b>Total Preliminary works &amp; land</b>									

Sl. No. (1)	Cost in Rs. Lakh									
	As per Original Estimates (3)			Actual Capital Expenditure as on COD (4)			Liabilities/ Provisions (5)	Variation (6=3-4-5)	Reasons for Variation (7)	Admitted Cost (8)
	Quantity	Rate	Estimated Amount	Quantity	Rate	Estimated Amount				
5.0	Civil Works									
5.1	Control Room & Office Building including HVAC									
5.2	Township & Colony									
5.3	Roads and Drainage									
5.4	Foundation for structures									
5.5	Misc. civil works									
	<b>Total Civil Works</b>									
6.0	<b>Substation Equipments</b>									
6.1	Switchgear (CT,PT, Circuit Breaker, Isolator etc)									
6.2	Transformers									
6.3	Compensating Equipment( Reactor, SVCs etc)									
6.4	Control , Relay & Protection Panel									
6.5	PLCC									
6.6	HVDC package									
6.7	Bus Bars/ conductors/Insulators									
6.8	Outdoor lighting									
6.9	Emergency D.G. Set									
6.1	Grounding System									
6.11	Structure for switchyard									
	<b>Total Substation Equipments</b>									
7.00	<b>Spares</b>									
8.00	Taxes and Duties									
8.1	Custom Duty									
8.2	Other Taxes & Duties									
8.3	Total Taxes & Duties									
	Total (Sub-station)									
C	Communication System									
9.1	Preliminary Works									
9.2	Communication System equipment's									
9.3	Taxes and Duties									
	Total									
	(Communication System)									

N/A

Sl. No. (1)	Cost in Rs. Lakh									
	As per Original Estimates (3)			Actual Capital Expenditure as on COD (4)			Liabilities/ Provisions (5)	Variation (6=3-4-5)	Reasons for Variation (7)	Admitted Cost (8)
	Quantity	Rate	Estimated Amount	Quantity	Rate	Estimated Amount				
10.0	<b>Construction and pre-commissioning expenses</b>									
10.1	Site supervision & site administration etc.									
10.2	Tools and Plants									
10.3	construction Insurance									
	<b>Total Construction and pre commissioning expenses</b>									
11.0	Overheads									
11.1	Establishment									
11.2	Audit & Accounts									
11.3	Contingency									
	<b>Total Overheads</b>									
<b>12.0</b>	<b>Cost of Plant &amp; Machinery</b>									
<b>13.0</b>	Capital Cost including Plant & Machinery									
13.1	Interest During Construction (IDC)									
13.2	Financing Charges (FC)									
13.3	Foreign Exchange Rate Variation (FERV)									
13.4	Hedging Cost									
	<b>Total of IDC, FC, FERV &amp; Hedging Cost</b>									
	<b>Capital cost including IDC, FC, FERV &amp; Hedging Cost</b>									

**Note:**

1. In case of cost variation, a detailed note giving reasons of such variation should be submitted clearly indicating whether such cost over- run was beyond the control of the transmission licensee.
2. Separate details of free hold/lease hold land should be submitted.

**Petitioner**

## Form: 9.6

## Break-up of Construction/Supply/Service Packages

(Figures in Rs Crore)

Name/No. of Construction/supply/service package	Scope of works1 (in line with head of cost break-ups as applicable)	Whether awarded through ICB/DCB/ Departmentally/ Deposit Work, etc.	No. of bids received	Date of Award	Date of Start of work	Date of Completion of Work	Value of Award2 in (Rs. Lakh).	Firm or With Escalation in prices	Actual expenditure till the completion or up to COD whichever is earlier (Rs. Lakh)	Taxes & Duties and IEDC (Rs. Lakh)	IDC, FC, FERV & Hedging cost (Rs. Lakh)	Sub-Total (Rs. Lakh)	Remark
220 KV D/C Line from 400 KV S/s Kashipur - 220 KV S/s Mahuakheraganj (Conunter offer for supply of material, ertction, testing & commissioning)	Construction	DCB	3	29.07.2010	29.07.2010	365 days (As per agreement)	7.53Cr.						
Increasing Capacity of 220/132 KV Substation SIDCUL, Haridwar (Supply & Supervision of Erection, Testing & Commissioning of 2 Nos 160 MVA Transformers for 220 KV S/s SIDCUL Haridwar)	Supply & Supervision of Erection, Testing & Commissioning of 2 Nos 160 MVA Transformers	DCB	3	19.06.2014	19.06.2014	On or before 24.09.2014 (As per agreement)	8.05 Cr.						
Increasing Capacity of 132 KV Substation Srinagar	Supply & Supervision of Erection, Testing & Commissioning of 20 MVA Transformer	DCB	3	25.03.2014	25.03.2014	6 month from the date of LOA (As per agreement)	1.37 Cr.						
132 KV S/s Lal Tappar, Dehradun	Construction of 132 Kv S/s Haridwar Road, Dehradun	DCB	14	15.03.2012	15.03.2012	12 month from the date of LOA (As per agreement)	11.44 Cr.	Firm except Power T/F	8.72		0.95		COD 13/02/2015
LILO of 132 KV Majra -Rishikesh Line at 132 KV S/s Lal Tappar, Deharadun	Construction of LILO of 132 KV Majra -Rishikesh Line at 132 KV S/s Lal Tappar, Deharadun	DCB	3	18.10.2012	18.10.2012	6 month from the date of LOA (As per agreement)	1.56 Cr.	With escalation in price	1.5		0.07		COD 13/02/2015
132 KV S/s Chudiyala, Haridwar	Supply of Material	DCB	3	16.04.2015	16.04.2015	5 month from the date of LOA (As per agreement)	4.66 Cr.						
132 KV S/s Jwalapur, Haridwar	Supply of Material	DCB	2	24.06.2015	24.06.2015	3 month from the date of LOA (As per agreement)	6.24 Cr.						
132 KV Switching S/s Srinagar-II	Construction	DCB	10	09.12.2011	09.12.2011	12 Months from the date of LOA (As per agreement)	7.48 Cr.	Firm					Under Construction

Name/No. of Construction/supply/service package	Scope of works1 (in line with head of cost break-ups as applicable)	Whether awarded through ICB/DCB/ Departmentally/ Deposit Work, etc.	No. of bids received	Date of Award	Date of Start of work	Date of Completion of Work	Value of Award2 in (Rs. Lakh).	Firm or With Escalation in prices	Actual expenditure till the completion or up to COD whichever is earlier (Rs. Lakh)	Taxes & Duties and IEDC (Rs. Lakh)	IDC, FC, FERV & Hedging cost (Rs. Lakh)	Sub-Total (Rs. Lakh)	Remark
<b>Increasing capacity at 220/132 KV S/s Pantnagar</b> A- Supply & Supervision of Erection, Testing & Commissioning of 2 X 50 MVA Transformers	Supply of 2 X 50 MVA transformer	DCB	1	15.10.2014	15.10.2014	6 months from the date of LOA (As per agreement)	8.05 Cr.						
<b>B- Construction of 2 nos. 220 KV &amp; 2 nos. 33 KV Bays at 220 KV S/s Pantnaar</b>	Construction	DCB	3	12.03.2015	12.03.2015	6 months from the date of LOA (As per agreement)	4.38 Cr.						
<b>Increasing capacity at 220 KV S/s SIDCUL, Haridwar</b> Supply, Erection (Excluding of T/F foundation work) and supervision of testing & commissioning of T/F	Supply of 1 no. 50 MVA T/F												
<b>Increasing capacity at 132 KV S/s Jwalapur</b> Supply, Erection (Excluding of T/F foundation work) and supervision of testing & commissioning of T/F	Supply of 1 no. 40 MVA	DCB	3	24.04.2015	24.04.2015	6 month from the date of LOA (As per agreement)	14.93 Cr.	Firm except Power T/F					Under Construction
<b>Increasing capacity at 132 KV S/s Chudiyala</b> Supply, Erection (Excluding of T/F foundation work) and supervision of testing & commissioning of T/F	Supply of 2 no. 40 MVA							Variable					Under Construction
<b>400 KV S/s Srinagar</b>	Construction	ICB		29.05.2009	29.05.2009	900 Day from the effected date of start (As per agreement)	168.78 Cr.	Variable	1.64		0.07		132KV Kulhal Majra energized on 29/07/2015 and 132Kv Dhalipur Purkul is under construction
<b>132 KV D/C Srinagar- Simli Line</b> Supply, Erection & commiccioning of 132 KV S/C Transmisson line on D/C tower from Srinagar - Simli & LILO of 132 KV Rihikesh - Srnagar -I line at Srinagar-II on turnkey basis	Construction	DCB		26.10.2005	26.10.2005	18 Months from the date of Award	14.50 Cr.	Variable					Under Construction
<b>LILO of 132 KV Dhalipur - Purkul Line at 220 Kv S/s Dehradun</b> Supply of material for Construction of LILO of 132 KV Dhalipur - Purkul Line at 220 KV S/s Dehradun <b>LILO of 132 KV Kulhal - Majra Line at 220 KV S/s Dehradun</b> Supply of material Construction of 132 KV Kulhal - Majra Line at 220 KV S/s Dehradun	Construction	DCB	5	10.05.2013	10.05.2013	6 month from the date of LOA (As per agreement)	2.70 Cr.	Variable					Under Construction

Name/No. of Construction/supply/service package	Scope of works1 (in line with head of cost break-ups as applicable)	Whether awarded through ICB/DCB/ Departmentally/ Deposit Work, etc.	No. of bids received	Date of Award	Date of Start of work	Date of Completion of Work	Value of Award2 in (Rs. Lakh).	Firm or With Escalation in prices	Actual expenditure till the completion or up to COD whichever is earlier (Rs. Lakh)	Taxes & Duties and IEDC (Rs. Lakh)	IDC, FC, FERV & Hedging cost (Rs. Lakh)	Sub-Total (Rs. Lakh)	Remark
220 KV Dehradun (PTCUL) Dehradun (PGCIL) Line	Construction	DCB	2	01.03.2014	01.03.2014	12 month from the date of LOA (As per agreement)	9.51 Cr.						
400 KV D/C Srinagar, 400 KV S/s Srinagar Power House Line	Construction	ICB	4	23.04.2011	23.04.2011		64.37 Cr.						
Increasing capacity of 132 KV S/s Bazpur, Kathgodam, Bhowali and Almora S/s A- Supply of Equipments for construction of 132/33 KV Bays at Bazour, Kathgodam, Bhowali and Almora S/s	Supply	DCB	2	14.08.2014	14.08.2014	02 month from the date of LOA (As per agreement)	3.44 Cr.						
<b>B- Supply of various transformers for Garhwal &amp; Kumaon Zone</b>													
132 KV S/s Kathgodam	Supply	DCB	3	25.03.2014	25.03.2014	6 month from the date of LOA (As per agreement)	10.44 Cr.						
132 KV S/s Bhowali													
132 KV S/s Almora													
132 KV S/s Bazpur													
Increasing capacity of 132 KV S/s Ranikhet													
Increasing capacity of 132 KV S/s Khatima													
132 KV GIS Substaion Bageshwar	Construction	DCB	2	26.09.2014	26.09.2014	18 Months from the date of LOA (As per agreement)	45.91 Cr.						
220/33 KV S/s Piran Kaliyar (Imikheda)	Construction	DCB	2	14.10.2014	14.10.2014	12 Months from the date of LOA (As per agreement)	29 Cr.	Firm except Power T/F					Under Construction
132 KV Ranikhet - Bageshwar Line (Const. of 132 KV S/C line Bageshwar - Ranikhet) on D/C tower in Kumaon Zone on turnkey basis	Construction	DCB	3	16.02.2015	16.02.2015	15 Months from the date of LOA (As per agreement)	25.49 Cr.						
132 KV Purkul- Bindal Link Line A- Construction of 132 KV Bindal - Purkul T/L (11.5 Km)	Construction	DCB	3	26.02.2014	26.02.2014	12 Months from the date of LOA (As per agreement)	4.72 Cr.	Firm					Agreement terminated due to Non performance of contractor
B- Balance work of construction of 132 KV Bindal - Purkul T/L	Construction	DCB	2	.....	.....	.....	2.23 Cr (Estimated cost)	-					Retendering is under progress
220 KV LILO Line at 220 KV S/s Piran Kaliyar	Construction	DCB	2	.....	.....	.....	5.41 Cr (Estimated cost)	-					Tendering iis in progress

Name/No. of Construction/supply/service package	Scope of works1 (in line with head of cost break-ups as applicable)	Whether awarded through ICB/DCB/ Departmentally/ Deposit Work, etc.	No. of bids received	Date of Award	Date of Start of work	Date of Completion of Work	Value of Award2 in (Rs. Lakh).	Firm or With Escalation in prices	Actual expenditure till the completion or up to COD whichever is earlier (Rs. Lakh)	Taxes & Duties and IEDC (Rs. Lakh)	IDC, FC, FERV & Hedging cost (Rs. Lakh)	Sub-Total (Rs. Lakh)	Remark
220 KV GIS S/s Ghansali	Construction	DCB	6	29.05.2013	29.05.2013	24 Months from the date of LOA (As per agreement)	53.83 Cr.	Firm except Power T/F					Contractor have not started the work and filed Arbitration case at District Court Dehradun and Hon'ble Court have given disession in favor of PTCUL on 07the Oct 2015
220/33 KV GIS S/s IIP Harrawala, Dehradun	Construction	DCB	3	16.06.2015	16.06.2015	18 Months from the date of LOA (As per agreement)	51 Cr.	Firm except Power T/F					Under Construction
220/33 KV S/s Jaffarpur	Construction	DCB	4	15.04.2014	15.04.2014	12 monts from the date of LOA (As per agreement)	26.16 Cr.						
220/33 KV GISS/s Baram (Jauljivi)	Construction	DCB	3	.....	.....	15 Months from the date of LOA (As per agreement)	55.90 Cr.						
132 KV S/C Lohaghat - Pithoragarh Line (Const. of 132 KV S/C on D/C tower from Pithoragarh - Champawat (Lohaghat). (Supply of material for erection, testing & commissioning of construction of 132 KV S/C line on D/C tower from Pithoragarh - champawat (Lohaghat) on turnkey basis	Construction	DCB	2	15.04.2015	15.04.2015	24 Months from the date of LOA (As per agreement)	40.89 Cr.						
220 KV D/C Brahmwari - Srinagar Line (Construction of 220 KV D/C Transmission line on single Zebra(rudrapur-Srinagar via ghansali)	Construction	DCB	3	14.08.2015	14.08.2015	24 Months from the date of LOA (As per agreement)	124.68 Cr.	Variable					Work is not started due to damage of related Hydro Projectsin heavy disaster during June 2013.
LILO of 220 KV Dhauliganga - Pithoragarh Line at 220 KV S/s Baram	Construction	DCB	2	14.10.2015	14.10.2015	15 Months from the date of LOA (As per agreement)	12.66 Cr.						
220 KV D/C Twin Zebra Line from Vyasi HEP- Dehardun (Const. of 220 KV D/C Line on twin zebra conductor from Likhwar to Dehardun & its LILO Vyasi). (Supply of material for erection, testing & commissioning of construction of 220 KV D/C line on twin zebra conductor from Likhwar-Vyasi on turnkey basis	Construction	DCB	3	11.05.2015	11.05.2015	27 Months from the date of LOA (As per agreement)	71.96 Cr.	Variable					Under Construction



Name of Transmission Licensee      Power Transmission Company of Uttarakhand Limited

**Form: 9.7**

**Details of elementwise cost of the project**

(Figures in Rs Crore)

Name of line	Apportioned approved cost (Rs. Lakh)	Revised cost estimates, if applicable(Rs. Lakh)	Amount capitalized /Proposed to be capitalized	Covered in the present petition
--------------	--------------------------------------	---	--	---------------------------------

N/A

Name of Sub-station	Apportioned approved cost (Rs. Lakh)	Revised cost estimates, if applicable(Rs. Lakh)	Completed Cost (Rs. Lakh)	Covered in the present petition	
				Yes/No	If No, petition No.

N/A

Name of Communication System	Apportioned approved cost (Rs. Lakh)	Revised cost estimates, if applicable(Rs. Lakh)	Completed Cost (Rs. Lakh)	Covered in the present petition	
				Yes/No	If No, petition No.

N/A

Petitioner

**Form: 9.8****Statement of Additional Capitalisation after COD**

(Figures in Rs Crore)

Sr. No.	Year	Work/Equipment proposed to be added after COD upto Cut off Date/beyond Cut- off Date	Amount capitalized /Proposed to be capitalized		Justification	Regulations under which covered	Admitted Cost <sup>1</sup>
			2014-15	2015-16 (upto sept)			
<b>Scheme: REC II</b>							
1	4/2/2014	const. of 132 KV LILO of Almora-Pithoragarh Line	0.92	0.24			
	1/17/2010	Cont. of 132 KV Kashipur Bazpur Line	0	0.14			
2	4/18/2013	ALDC Building At 400 KV S/S Kashipur (SCADA)	0.03	0			
Scheme : REC IV							
1	10/9/2012	Const. of 132 KV S/S ELDECO Sitarganj	0.16	0			
2	2/1/2014	Const. of 220 KV S/S Dehradun	2.06	0			
3	3/1/2015	Const. of 132 KV Laltappar	7.86	0.26			
4	1/30/2014	Const. of LILO of 220 KV Khodri-Rishikesh Line	0.79	0			
Scheme : REC V							
1	5/10/2014	Const. of 220 KV Kashipur-Mahuakheraganj Line	1.62	0			
Scheme : REC IX							
1	1/30/2013	Stringing of II Ckt. Of Barheni-Pantnagar Line	0.0025	0			

1. In case the project has been completed and any tariff notification(s) has already been issued in the past, fill column 7 giving the cost as admitted for the purpose of tariff notification already issued by (Name of the authority) (Enclose copy of the tariff Order).

**Note:**

- Fill the form in chronological order year wise along with detailed justification clearly bringing out the necessity and the benefits accruing to the beneficiaries.
- In case initial spares are purchased along with any equipment, then the cost of such spares should be indicated separately.
- In case of de-capitalisation of assets separate details to be furnished. Further, the original book value and year of capitalisation of such asset to be furnished. Where de-caps are on estimated basis the same to be shown separately.

**Petitioner**

Name of Transmission Licensee

Power Transmission Company of Uttarakhand Limited

**Form: 9.9****Financing of Additional Capitalisation**

(Figures in Rs Crore)

Financial Year (Starting from COD)	Actual/Projected					Admitted				
	Year1	Year2	Year3	Year4	Year 5 & So on	Year1	Year2	Year3	Year4	Year 5 & So on
1	2	3	4	5	6	7	8	9	10	11
<b>Amount capitalised in Work/Equipment</b>										
<b>Financing Details</b>										
Loan-1										
Loan-2										
Loan-3 and so on										
Total Loan										
<b>Equity</b>										
Internal Resources										
Others										
<b>Total</b>	N/A									

**Note:**

1 Year 1 refers to Financial Year of COD in case of new elements. For existing elements it is from 2014-15 and Year 2, Year 3 etc. are the subsequent financial years respectively.

2 Loan details for meeting the additional capitalisation requirement should be given as per FORM-9 or 9(A) whichever is relevant.

**Petitioner**

Name of Transmission Licensee

Power Transmission Company of Uttarakhand Limited

**Form: 9.A****Incidental Expenditure during Construction**

(Figures in Rs Crore)

Sr. No.	Parameters	Year -1	Year-2	Year 3	Year-4	Year-5
A	Expenses:					
1	Employees' Remuneration & Benefits					
2	Finance Costs					
3	Water Charges					
4	<b>Communication Expenses</b>					
5	Power Charges					
6	Other Office and Administrative Expenses					
7	Others (Please Specify Details)					
8	Other pre-Operating Expenses					
	.....					
B	Total Expenses					
	Less: Income from sale of tenders					
	Less: Income from guest house					
	Less: Income recovered from Contractors					
	Less: Interest on Deposits					
	.....					

N/A

Note:IEDC should be duly reconciled with the corresponding figures of Auditor's Certificate.

Petitioner

Name of Transmission Licensee

Power Transmission Company of Uttarakhand Limited

**Form: 9.B**

**Statement of De-capitalisation**

(Figures in Rs Crore)

Sr. No.	Year of De-capitalisation	Work/Equipment proposed to be De-capitalised	Year of capitalisation of asset/equipment being decapitalised	Original Book Value of the asset being decapitalised	Debt Equity ratio at the time of capitalisation	Cumulative Depreciation corresponding to decapitalisation	DCumulative Repayment of Loan corresponding to decapitalisation	Justification
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	N/A							
2								
3								
4								
5								

N/A

**Petitioner**

### Form 10.1 Statement of Asset wise Depreciation

#### Previous year (n-1)

(Figures in Rs Crore)

Particulars of Assets	Rate of Depreciation in %	Opening GFA (eligible for depreciation)	Addition during the year (net of deposit work)	Withdrawals during the year	Closing GFA (eligible for depreciation)	Depreciation
a) Land						
b) Building						
c) Major Civil Works						
d) Plant & Machinery						
e) Lines and Cable Network						
f) Vehicles						
g) Furniture and Fixtures						
h) Office Equipment & Other Items						
<b>Total</b>	<b>5.28%</b>	901.39	67.56		968.95	49.38

#### Current Year (n)

(Figures in Rs Crore)

Particulars of Assets	Rate of Depreciation in %	Opening GFA (eligible for depreciation)	Addition during the year (net of deposit work)	Withdrawals during the year	Closing GFA (eligible for depreciation)	Depreciation
a) Land						
b) Building						
c) Major Civil Works						
d) Plant & Machinery						
e) Lines and Cable Network						
f) Vehicles						
g) Furniture and Fixtures						
h) Office Equipment & Other Items						
<b>Total</b>	<b>5.28%</b>	968.95	238.13		1207.08	57.45

#### Ensuing year (n +1)

(Figures in Rs Crore)

Particulars of Assets	Rate of Depreciation in %	Opening GFA (eligible for depreciation)	Addition during the year (net of deposit work)	Withdrawals during the year	Closing GFA (eligible for depreciation)	Depreciation
a) Land						
b) Building						
c) Major Civil Works						
d) Plant & Machinery						
e) Lines and Cable Network						
f) Vehicles						
g) Furniture and Fixtures						
h) Office Equipment & Other Items						
<b>Total</b>	<b>5.28%</b>	1207.08	373.13		1580.21	73.58

**Form 10.1****Statement of Asset wise Depreciation**

Ensuing year (n +2)

(Figures in Rs Crore)

Particulars of Assets	Rate of Depreciation in %	Opening GFA (eligible for depreciation)	Addition during the year (net of deposit work)	Withdrawals during the year	Closing GFA (eligible for depreciation)	Depreciation
a) Land						
b) Building						
c) Major Civil Works						
d) Plant & Machinery						
e) Lines and Cable Network						
f) Vehicles						
g) Furniture and Fixtures						
h) Office Equipment & Other Items						
<b>Total</b>	<b>5.28%</b>	1580.21	1111.93		2692.14	112.79

Ensuing year (n +3)

(Figures in Rs Crore)

Particulars of Assets	Rate of Depreciation in %	Opening GFA (eligible for depreciation)	Addition during the year (net of deposit work)	Withdrawals during the year	Closing GFA (eligible for depreciation)	Depreciation
a) Land						
b) Building						
c) Major Civil Works						
d) Plant & Machinery						
e) Lines and Cable Network						
f) Vehicles						
g) Furniture and Fixtures						
h) Office Equipment & Other Items						
<b>Total</b>	<b>5.28%</b>	2692.14	1150.039		3842.18	172.51

Petitioner

**Form: 10.2**  
**Statement of Depreciation**

(Figures in Rs Crore)

Financial Year	Upto 2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
<b>Depreciation on Capital Cost</b>																
<b>Depreciation on Additional Capitalisation</b>																
Amount of Additional Capitalisation																
Depreciation Amount																
<b>Detail of FERV</b>																
Amount of FERV on which Depreciation is charged																
Depreciation Amount																
Depreciation recovered during the year																
Advance against Depreciation recovered during the year																
Depreciation and Advance against Depreciation recovered during the year																
<b>Cummulative Depreciation and Advance against Depreciation recovered upto the year</b>	N/A															

Petitioner



**Form: 11.1**  
**Statement of Capital Expenditure**

(Figures in Rs Crore)

Particulars	FY of Capitalisation	Previous Year (n-1)	Current Year (n)			Remarks+	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	Remarks+	Total Expenditure Approved by Competent Authority	Total Expenditure Actually Incurred	Remarks++
		Actual / Audited	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)		Projected	Projected	Projected				
<b>A) Expenditure Details</b>													
a) Land													
b) Building													
c) Major Civil Works													
d) Plant & Machinery													
e) Lines and Cable Network													
f) Vehicles													
g) Furniture and Fixtures													
h) Office Equipment & Other Items													
<b>Total (A)</b>													
<b>B) Break up of sources of financing</b>													
<b>Rupee term Loan</b>													
Debt 1													
Debt 2													
....													
<b>Foreign Currency Loan</b>													
Debt 1													
Debt 2													
....													
<b>Equity</b>													
In Rupees													
In Foreign Currency													
<b>Others (Please specify)</b>													
<b>Total (B)</b>							N/A						

**Note:**

- i) The break up wherever required and necessary may be given in respect of Loans and Equity financing supported with respective documentation.
- ii) Copies of Approval from competent authorities (if required) may be furnished in respect of cost of each Scheme, its components and scheme of finance.
- iii) Remarks+: Explain for the causes of deviation if the actual expenditure during the current year is expected to be different from that approved by UERC or other authorised agencies
- iv) Remarks++: Explain for the causes of deviation if the total actual expenditure is different from that approved by UERC or the authorised agencies

Petitioner

Name of Transmission Licensee \_\_\_\_\_ Power Transmission Company of Uttarakhand Limited

**Form: 11.2**

**Statement of Capital Works-in-Progress**

(Figures in Rs Crore)

Particulars	Previous Year (n-1)	Current Year (n)			Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	Remarks
	Actual / Audited	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected	
<b>(A) Opening balance of CWIP</b>								
(a) Opening balance of CWIP as per books	188.62	207.59						
(b) Amount of capital liabilities in (a) above	111.78	124.03						
(c) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in (a) above	76.84	83.55						
<b>(B) Add: Addition/Adjustment</b>								
(a) Add: Addition/Adjustment in CWIP Amount during the period	88.94	51.8						
(b) Amount of capital liabilities in (a) above	82.22	48.2						
(c) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in (a) above	6.71	3.6						
<b>(C) Expenses Capitalised</b>								
(a) Capitalization/Transfer to Fixed asset of CWIP Amount during the period	69.98	17.0						
(b) Amount of capital liabilities in (a) above	69.98	17.0						
(c) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in (a) above	0	-						
<b>(D) Closing balance of CWIP</b>								
(a) Closing CWIP Amount as per books	207.59	242.3						
(b) Amount of capital liabilities in (a) above	124.03	155.2						
(c) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost in (a) above	83.55	87.1						

Petitioner

Name of Transmission Licensee

Power Transmission Company of Uttarakhand Limited

**Form: 11.3****Statement of Capital Expenditure & Schedule of Completion of New Schemes**

(Figures in Rs Crore)

Name of the Line / Sub-Station:							
		Amount					
<b>Capital Cost</b>							
Foreign Exchange Rate considered for capital cost estimates							
Cost Details		Amount	Exchange Rate	Amount (Rs. Crore)			
<b>A) Basic Cost</b>		N.A.					
Foreign Component (in Foreign Currency)							
Domestic Component							
Total Basic Cost					a		
<b>B) IDC &amp; FC</b>							
Foreign Component (in Foreign Currency)							
Indian Component							
Total IDC & FC					b		
<b>C) Total Cost (Including IDC and FC)</b>					c=(a+b)		

Petitioner

**Form: 11.4****Break-up of Scheme-wise Capital Expenditure for New Schemes**Name of the Line / Sub-Station: 

(Figures in Rs Crore)

Particulars	Total Expenditure Approved by Competent Authority	Previous year (n-1)	Current Year (n)		Total Expenditure Incurred upto Current Year	Total Expenditure supposed to be incurred till current year, as per the approved plan	Difference between column 6 and 7	Remarks+	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)
		Expenditure Actually Incurred	Apr-Sep (Actual)	Oct-Mar (Estimated)							
1	2	3	4	5	6	7	8	9	10	11	12
<b>A) Expenditure Details</b>											
a) Land											
b) Building											
c) Major Civil Works											
d) Plant & Machinery											
e) Lines and Cable Network											
f) Vehicles											
g) Furniture and Fixtures											
h) Office Equipment & Other Items											
<b>Total (A)</b>											
<b>B) Break up of sources of financing</b>											
a) Loans/ Borrowings											
b) Equity											
c) Others (Please specify)											
<b>Total (B)</b>											

N/A

**Note:**

ii) Remark+: Explain for the causes of difference between 6 and 7.

Petitioner



Sl. No.	Draw Down Particulars	Quarter 1			Quarter 2			Quarter n (Quarter of Completion and Energisation)		
		Quantum in Foreign Currency	Exchange Rate on Draw Down Date	Amount in Indian Rupee	Quantum in Foreign Currency	Exchange Rate on Draw Down Date	Amount in Indian Rupee	Quantum in Foreign Currency	Exchange Rate on Draw Down Date	Amount in Indian Rupee
1.2.2	Indian Loan 2									
	Draw Down Amount									
	IDC									
	Financing Charges									
1.2.n	Indian Loan n									
	Draw Down Amount									
	IDC									
	Financing Charges									
<b>1.2</b>	<b>Total Indian Loans</b>									
	<b>Draw Down Amount</b>									
	<b>IDC</b>									
	<b>Financing Charges</b>									
<b>1</b>	<b>Total of Loans Drawn</b>									
	<b>IDC</b>									
	<b>Financing Charges</b>									
	<b>FERV</b>									
	<b>Hedging Cost</b>									
<b>2</b>	<b>Equity</b>									
<b>2.1</b>	<b>Foreign Equity Drawn</b>									
<b>2.2</b>	<b>Indian Equity Drawn</b>									
<b>2</b>	<b>Total Equity Deployed</b>									

N/A

Note: 1. Drawl of Debt and Equity shall be on pari passu basis quarter wise to meet the Completion schedule. Drawl of higher Equity in beginning is permissible.  
2. Applicable Interest Rates including reset dates used for computation may be furnished separately.

Petitioner

**Form: 13**  
**Details of Capital Cost and Financing Structure**

(Figures in Rs Crore)

Year ending March	FY of Capitalisation	Previous Year (n-1)	Current Year (n)			Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	Remarks
		Actual / Audited	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected	
<b>Basic Project Financial Parameters</b>									
Capital Cost*		964.81			1048.75	1,286.88	1,660.01	2,771.94	
Addition during the year		91.27	18.12	220.01	238.13	373.13	1,111.93	1,150.04	
Deletion during the year		7.33			0	0	0	0	
Gross Capital Cost (A)		1048.75			1,286.88	1,660.01	2,771.94	3,921.98	
Equity against Original Project Cost		170.24			190.51	261.95	373.89	707.46	
Addition during the year		20.27			71.44	111.94	333.58	345.01	
Equity Sub-Total (B)		190.51			261.95	373.89	707.46	1,052.48	
Debt outstanding against the original Capital cost		410.31			408.23	482.20	653.21	1,257.82	
New Loans added during the year		47.29			166.69	261.19	778.35	805.03	
Debt Sub-Total (C)		457.60			574.91	743.39	1,431.56	2,062.85	
Grants against original project cost		63.42			87.13	87.63	87.63	87.63	
Addition during the year		23.71			0.50	0	0	0	
Grants Sub-Total (D)		87.13			87.63	87.63	87.63	87.63	
Total Financing (B+C+D)		735.24			924.49	1,204.91	2,226.66	3,202.95	

**Note :**

i) \*Approved or Actual Capital Cost whichever is less.

ii) The equity and loan shall be divided into foregin and domestic component if applicable.

Petitioner

**Form: 14**  
**Details of Financial Packages**

31.03.15

(Figures in Rs Crore)

Source of Funds	Amount in FC	Exchange Rate	Amount in Indian Currency	Terms of Repayment	Grace Period	Interest Rate / Return on Equity	Guarantee Commission	Upfront Fees/ Exposure Premium	% of Total Debt	% of Total Equity	% of Total PC
	(Name of Currency)	(Rs./FC)	(Rs. in Crore)	(Years)	(Years)	(%)	(Rs. in Crore)	(Rs. in Crore)	(%)	(%)	(%)
<b>(A) Debt</b>											
<b>Foreign:</b>											
Loan I											
Loan II											
Loan III											
Loan IV etc.											
<b>Indian:</b>											
Loan I											
<b>Loan I</b>											
REC-I (270001 to 3)			12.27	10	3	9.54	0.12	-	70		
REC-II (C-0001 to 8)			59.80	10	3	12.40	-	-	70		
REC-III (3611)			67.29	10	3	12.25	-	-	70		
REC-IV (C-10009)			85.04	10	3	12.17	-	-	70		
REC-V (3637)			62.80	10	3	12.08	-	-	70		
REC XI (5787)			12.13	10	3	12.23	-	-	70		
REC (4365)			7.71	10	3	12.50	-	-	70		
REC (5072)			3.19	10	3	12.50	-	-	70		
REC (5762)			3.03	10	3	12.03	-	-	70		
REC (5011)			1.88	10	3	12.50	-	-	70		
REC (5531)			3.64	10	3	12.38	-	-	70		
REC (5533)			3.03	10	3	12.25	-	-	70		
REC (5534)			2.25	10	3	12.25	-	-	70		
REC (6410)			6.96	10	3	12.50	-	-	70		
REC (5763)			3.49	10	3	12.00	-	-	70		
REC (7085)			4.62	10	3	12.00	-	-	70		
<b>Total REC Loan</b>			<b>339.13</b>				<b>0.12</b>	-	70		
<b>Loan II</b>									70		
PFC (Nabard Gap Funding)-09303001			122.48	24 Equal Annual Installments		12.25	-	-	70		
PFC (Capital R&M)-09303002			22.27	60 Equal Annual Installments		12.42	-	-	70		
PFC (Computer Loan)-09312001			0.09	20 Equal Annual Installments		12.75	-	-	70		
PFC-09303005			1.32	60 Equal Annual Installments		12.12	-	-	70		
PFC-09303006			1.84	60 Equal Annual Installments		12.12	-	-	70		
PFC-09303007			3.13	60 Equal Annual Installments		12.12	-	-	70		
PFC-09303008			1.37	60 Equal Annual Installments		12.12	-	-	70		
PFC-09303009			0.40	60 Equal Annual Installments		12.12	-	-	70		



Source of Funds	Amount in FC	Exchange Rate	Amount in Indian Currency	Terms of Repayment	Grace Period	Interest Rate / Return on Equity	Guarantee Commission	Upfront Fees/ Exposure Premium	% of Total Debt	% of Total Equity	% of Total PC
	(Name of Currency)	(Rs./FC)	(Rs. in Crore)	(Years)	(Years)	(%)	(Rs. in Crore)	(Rs. in Crore)	(%)	(%)	(%)
PFC-09303010			1.83	60 Equal Annual Installments		12.25	-	-	70		
PFC-09303012			5.33	60 Equal Annual Installments		12.12	-	-	70		
<b>Total Loan (A)</b>			<b>160.06</b>				-	-			
Total Loan (A)											
<b>(B) Equity</b>											
Foreign:											
Indian:											
REC-I (270001 to 3)			48.49			15.50					30
REC-II (C-0001 to 8)			30.62			15.50					30
REC-III (3611)			17.21			15.50					30
REC-IV (C-10009)			40.24			15.50					30
REC-V (3637)			29.88			15.50					30
REC XI (5787)			5.27			15.50					30
REC (4365)			0.86			15.50					30
REC (5072)			1.37			15.50					30
REC (5762)			1.30			15.50					30
REC (5011)			0.81			15.50					30
REC (5531)			1.56			15.50					30
REC (5533)			1.30			15.50					30
REC (5534)			0.96			15.50					30
REC (6410)			2.99			15.50					30
REC (5763)			0.64			15.50					30
REC (7085)			-			15.50					30
<b>Total REC Equity</b>			<b>183.50</b>								
PFC (Nabard Gap Funding)-09303001			-			15.50					30
PFC (Capital R&M)-09303002			11.20			15.50					30
PFC (Computer Loan)-09312001			-			15.50					30
PFC-09303004			10.00			15.50					30
PFC-09303005			-			15.50					30
PFC-09303006			-			15.50					30
PFC-09303007			-			15.50					30
PFC-09303008			-			15.50					30
PFC-09303009			-			15.50					30
PFC-09303010			0.78			15.50					30
PFC-09303012			-								30
<b>Total PFC Equity</b>			<b>21.98</b>								
Total Equity(B)											
<b>(C) Grants</b>											
Foreign:											
Indian:											
Total Grant (C)											
Total Financing (A+B+C)											
<b>Total Project Cost</b>											

**Note:**

- (i) In case of completion of Schemes: Financial package details, as admitted by the Competent Authority on Completion and Energisation of the Scheme, shall be furnished in the Format alongwith supporting documents.  
(ii) In case of schemes which are yet to be completed Financial package details, as approved by the Competent Authority, shall be furnished in the Format alongwith supporting documents.  
(iii) FC- Foreign Currency  
(iii) PC- Project Cost

Petitioner

Name of Transmission Licensee

Power Transmission Company of Uttarakhand Limited

**Form: 14.1**

**Financial Package upto COD**

(Figures in Rs Crore)

Financial Package as Approved		Financial Package as on COD		As Admitted on COD	
2	3	4	5	6	7

N/A

**Petitioner**

**Form: 15.1**  
**Statement of Outstanding Loans**

Previous year (n-1)

(Figures in Rs)

Loan Agency (Source of loan)	Rate of interest (%)	Repayment period (Years)	Balance at the beginning of the year	Amount received during the year	Principal due during the year	Principal redeemed during the year	Principal Overdue at the year end	Principal Due at the year end	Remarks
	Actual/ Auditted	Actual/ Auditted	Actual/ Auditted	Actual/ Auditted	Actual/ Auditted	Actual/ Auditted	Actual/ Auditted	Actual/ Auditted	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(6)-(7)	(9)=(4)+(5)-(6)	(10)
<b>A. Other than state government</b>									
REC I(270001-270003)	9.54	10.00	245392899.00	0.00	122696449.00	122696449.00	0.00	122696450.00	
REC II (1450001-145008)			714979128.00	0.00	117015772.00	117015772.00	0.00	597963356.00	
REC III(1450011)			693028286.07	66480000.00	86628535.00	86628535.00	0.00	672879751.07	
REC IV(145009)			785805434.50	143191000.01	78580544.00	78580544.00	0.00	850415890.51	
REC V(1183637)			663134847.65	33683105.43	68837296.00	68837296.00	0.00	627980657.08	
REC X (REC 5762)	12.03	10.00	18172000.00	12083000.33	0.00	0.00	0.00	30255000.33	
REC XI (REC 5787)	12.23	10.00	121332979.05	0.00	0.00	0.00	0.00	121332979.05	
REC 4365	12.50	10.00	77085000.00	0.00	0.00	0.00	0.00	77085000.00	
REC 5011	12.50	10.00	18815475.00	0.00	0.00	0.00	0.00	18815475.00	
REC 5531	12.38	10.00	36379350.00	0.00	0.00	0.00	0.00	36379350.00	
REC 5533	12.25	10.00	30257500.00	0.00	0.00	0.00	0.00	30257500.00	
REC 5534	12.25	10.00	22493800.00	0.00	0.00	0.00	0.00	22493800.00	
REC 5072	12.50	10.00	31851465.00	0.00	0.00	0.00	0.00	31851465.00	
REC 5763	12.00	10.00	0.00	34857000.00	0.00	0.00	0.00	34857000.00	
REC 7085	12.00	10.00	0.00	46184150.00	0.00	0.00	0.00	46184150.00	
REC 6410	12.50	10.00	69648600.00	0.00	0.00	0.00	0.00	69648600.00	
PFC (NABARD GAP FUNDING)09303001	12.25	qual Annual Installm	1148007900.00	76792100.00	0.00	0.00	0.00	1224800000.00	
PFC (CAPITAL R&M)(Loan No. 9303002)	12.42	qual Annual Installm	240186180.00	0.00	17468086.00	17468086.00	0.00	222718094.00	
PFC (COMPUTER LOAN)(9312001)	12.75	qual Annual Installm	2206696.00	0.00	1260970.00	1260970.00	0.00	945726.00	
PFC (09303005)	12.12	qual Annual Installm	0.00	13061482.00	0.00	0.00	0.00	13061482.00	
PFC (09303006)	12.12	qual Annual Installm	0.00	18379177.00	0.00	0.00	0.00	18379177.00	
PFC (09303007)	12.12	qual Annual Installm	0.00	31331876.00	0.00	0.00	0.00	31331876.00	
PFC (09303008)	12.12	qual Annual Installm	0.00	13791823.00	0.00	0.00	0.00	13791823.00	
PFC (09303009)	12.12	qual Annual Installm	0.00	3977408.00	0.00	0.00	0.00	3977408.00	
PFC (09303010)	12.25	qual Annual Installm	0.00	18317806.00	0.00	0.00	0.00	18317806.00	
PFC (09303012)	12.12	qual Annual Installm	0.00	53299400.00	0.00	0.00	0.00	53299400.00	
PFC STL(9322003)		24 Equal Annual Installm	0.00	200000000.00	49222855.00	49222855.00	0.00	150777145.00	
PFC STL(9322002)		24 Equal Annual Installm	130000000.00	0.00	130000000.00	130000000.00	0.00	0.00	
<b>Sub-Total (A)</b>			5048777540.27	765429327.77	671710507.00	671710507.00	0.00	5142496361.04	
<b>B. Government Loans</b>									
Type 1									
Type 2									
Type 3 etc.									
<b>Sub-Total (B)</b>									
<b>Sub-Total (A+B)</b>									
<b>C. Normative Loans</b>									
<b>TOTAL (A+B+C)</b>			5048777540.27	765429327.77	671710507.00	671710507.00	0.00	5142496361.04	



Ensuing year (n+2)

(Figures in Rs Crore)

Loan Agency (Source of loan)	Rate of interest (%)	Repayment period (Years)	Balance at the beginning of the year	Amount to be received during the year	Principal due during the year	Principal to be redeemed during the year	Principal Overdue at the year end	Principal Due at the year end	Remarks
	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(6)-(7)	(9)=(4)+(5)-(6)	(10)
<b>A. Other than state government</b>									
Loan 1 (Name of lender)									
Loan 2 (Name of lender)									
Loan 3 (Name of lender), etc.									
<b>Sub-Total (A)</b>									
<b>B. Government Loans</b>									
Type 1									
Type 2									
Type 3 etc.									
<b>Sub-Total (B)</b>									
<b>Sub-Total (A+B)</b>									
<b>C. Normative Loans</b>									
<b>TOTAL (A+B+C)</b>									

Ensuing year (n+3)

(Figures in Rs Crore)

Loan Agency (Source of loan)	Rate of interest (%)	Repayment period (Years)	Balance at the beginning of the year	Amount to be received during the year	Principal due during the year	Principal to be redeemed during the year	Principal Overdue at the year end	Principal Due at the year end	Remarks
	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(6)-(7)	(9)=(4)+(5)-(6)	(10)
<b>A. Other than state government</b>									
Loan 1 (Name of lender)									
Loan 2 (Name of lender)									
Loan 3 (Name of lender), etc.									
<b>Sub-Total (A)</b>									
<b>B. Government Loans</b>									
Type 1									
Type 2									
Type 3 etc.									
<b>Sub-Total (B)</b>									
<b>Sub-Total (A+B)</b>									
<b>C. Normative Loans</b>									
<b>TOTAL (A+B+C)</b>									

- Note:** i) In case reschedulement of any loan has been undertaken, the terms of reschedulement to be specified clearly, through an attachment alongwith copy of the letter from the Lender outlining the terms of Re-scedulement.  
 ii) Any Loan not allocated to any specific Scheme and not forming part of Appoved Financial Package, to be shown separately, with reasons thereof.  
 iii) The original Financing Plan and the cumulative repayment as per the Original Financing Plan to be outlined for each Loan.  
 iv) For current year, Loans already drawn and the loan proposed to be drawn by end of year to be shown separately.  
 v) Any new loan from existing or new lenders to be identified separately as a Loan.  
 vi) In case of Foreign Currency Loans, data to be provided in the currency of borrowing alongwith the name of the currency..

Petitioner

**Form: 15.2****Calculation of Weighted Average Interest Rate of Interest on Actual Loans \***

(Figures in Rs Crore)

S.No.	Particulars	Previous Year (n-1)	Current Year (n)	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)
				Projected	Projected	Projected
	<b>REC</b>					
	Net Loan - Opening	3528376764.27				
	Add: Drawl(s) during the year	336478255.77				
	Less: Repayment(s) of Loan during the year	473758596.00				
	Net Loan - Closing	3391096424.04				
	Average Net Loan	3459736594.16				
	Rate of Interest on Loan on Annual Basis	12.28%				
	Interest on Loan	424852285.00				
	<b>NABARD Loan</b>					
	Net Loan - Opening	188320000.00				
	Add: Drawl(s) during the year	0.00				
	Less: Repayment(s) of Loan during the year	188320000.00				
	Net Loan - Closing	0.00				
	Average Net Loan	94160000.00				
	Rate of Interest on Loan on Annual Basis	10.77%				
	Interest on Loan	10137400.00				
	<b>PFC Loan</b>					
	Net Loan - Opening	1390400776.00				
	Add: Drawl(s) during the year	228951072.00				
	Less: Repayment(s) of Loan during the year	18729056.00				
	Net Loan - Closing	1751399937.00				
	Average Net Loan	1570900356.50				
	Rate of Interest on Loan on Annual Basis	11.30%				
	Interest on Loan	177490218.00				
	<b>Total Loan</b>					
	Net Loan - Opening	5107097540.27				
	Add: Drawl(s) during the year	565429327.77				
	Less: Repayment(s) of Loan during the year	680807652.00				
	Net Loan - Closing	4991719216.04				
	Average Net Loan	5049408378.16				
	Rate of Interest on Loan on Annual Basis	12.13%				
	Interest on Loan	612479903.00			N/A	
	<b>Weighted Average Rate of Interest on Loans</b>					

\* In case of Foreign Loans, the calculation in Indian Rupee is to be furnished. However, the calculation in Original currency is also to be furnished separately in the same format

**Form: 15.3****Calculation of Interest on Normative Loan****(Figures in Rs Crore)**

Particulars	Previous Year (n-1)	Current Year (n)	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)
			Projected	Projected	Projected
Gross Normative Loan - Opening					
Cumulative payments of Normative Loan upto Previous Year					
Net Normative Loan - Opening					
Increase or Decrease during the year					
Less: Repayment of Normative Loan during the year					
Net Normative Loan - Closing					
Average Normative Loan					
Weighted Average Rate of Interest on Actual Loan on Annual Basis					
Interest on Normative Loan					N/A

Petitioner

**Form 16****Interest and Finance Charges**

(Figures in Rs Crore)

S.No.	Loan Details	Previous Year (n-1)	Current Year (n)			Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)
		(Actuals/Audit ed)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected
<b>B</b>	<b>Interest on Long Term Loans / Credits from the FIs/ banks/ organisations approved by the State Government</b>							
1	NABARD Loan	1.01						
2	REC Loan	42.49						
3	PFC Loan	17.75						
3	PFC STL	1.96						
	<b>Sub-Total B</b>	63.21						
<b>C</b>	<b>Normative Loans</b>	<b>49.64</b>			<b>56.14</b>	<b>69.87</b>	<b>119.60</b>	<b>190.94</b>
<b>D</b>	<b>Total Interest Charges (Considering normative loans)</b>	49.64			56.14	69.87	119.60	190.94
<b>E</b>	<b>Cost of raising finance &amp; Bank Charges on project loans</b>							
<b>F</b>	<b>Grand Total Of Interest &amp; Finance Charges: D+E</b>	<b>49.64</b>			<b>56.14</b>	<b>69.87</b>	<b>119.60</b>	<b>190.94</b>
<b>G</b>	<b>Less: Interest &amp; Finance Charges Chargeable to Capital Account</b>							
<b>H</b>	<b>Total interest and finance charges chargeable to revenue account (F-G)</b>	<b>49.64</b>			<b>56.14</b>	<b>69.87</b>	<b>119.60</b>	<b>190.94</b>

Petitioner



**Form 17****Details of Interest on Working Capital**

(Figures in Rs Crore)

Sl.No.	Particulars	Previous Year (n-1)	Current Year (n)			Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	Remarks
		Actual / Audited	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Estimated	Estimated	Estimated	
1	O & M expenses - 1 month	6.89			8.62	10.45	12.09	15.70	
2	Spares (15% of O&M Expenses)	14.76			18.03	18.81	21.76	28.25	
3	Receivables- 2 months	43.19			51.11	78.84	76.67	114.31	
4	<b>Total Working Capital (1+2+3)</b>	<b>64.84</b>			<b>77.76</b>	<b>108.09</b>	<b>110.51</b>	<b>158.26</b>	
5	Working Capital Loan								
6	Normative Interest Rate (%)	14.75%			14.29%	14.05%	14.05%	14.05%	
7	Normative Interest on Working Capital (5 X 6)	9.56			11.11	15.19	15.53	22.24	

Petitioner

Name of Transmission Licensee

Power Transmission Company of Uttarakhand Limited

Form 18

Investment Plan

(Figures in Rs Crore)

Part A: PROPOSED TRANSMISSION WORKS

S. No.	NAME OF THE TRANSMISSION LINE & ASSOCIATED SUBSTATIONS	LENGTH OF LINE (Ckt.Kms.) / S/S. CAP. (MVA )	ESTIMATED COST (Rs Crores)	Scheduled Date of Completion	COMPLETION PROGRAMME / REMARKS
1	2	3	4		6
I.	400 KV LINES				
1	LILO of 400 KV Quad Moose Kashipur-Puhana Line at 400 Kv S/s Landhora	4	7.751	9/24/2019	
	<b>SUB TOTAL (II) (400kV LINES)</b>		<b>7.751</b>		
II.	400 KV SUB STATIONS				
1	400/220/132 KV GIS Landhora	2X315 +2X160=950	301.598	9/1/2019	
2	Installation of 1 no. 315MVA T/F (400/220KV) at 400KV Substation, Kashipur	1x315 MVA	11.51	3/31/2018	
3	Construction of 03 Nos. 400KV Bay at 400KV Substation, Kashipur ((i) Bay for 315MVA T/F- III (ii) Bay for 50MVAR Reactor (iii) Bay for future 400KV Srinagar-Kashipur line II ckt)		13.71	3/31/2018	
4	Construction of 01 no. 50MVAR Reactor at 400KV Substation, Kashipur	50 MVAR	5.5	3/31/2018	
5	Construction of 220 KV Bus Sectionizing at 400KV Substation, Kashipur		0.98	3/31/2018	
6	Installation of 01 no. 160MVA T/F (220/132KV) at 400KV Substation, Kashipur		7.63	3/31/2018	
7	Construction of 2 Nos. 220KV T/F Bay at 400KV Substation, Kashipur		2.14	3/31/2018	
7	Construction of 2 Nos. 220KV Bay at 400KV Substation, Kashipur		2.14	3/31/2019	
8	Construction of 3 Nos. 132KV Bay at 400KV Substation, Kashipur		4.27	3/31/2018	
9	Installation of 01 No. 40MVA T/F at 400KV Substation, Kashipur		3.34	3/31/2018	
10	Construction of 01 no. 33KV bay at 400KV Substation, Kashipur		0.39	3/31/2018	
12	Civil work, 400/220/132 KV S/S Virbhadrha Rishikesh		2.74	12/1/2017	
13	Civil work, 400 KV S/S Kashipur		3.31	3/1/2018	
	<b>SUB TOTAL (II) (400KV S/S)</b>		<b>359.258</b>		
III.	220 KV LINES :				

S. No.	NAME OF THE TRANSMISSION LINE & ASSOCIATED SUBSTATIONS	LENGTH OF LINE (Ckt.Kms.) / S/S. CAP. (MVA )	ESTIMATED COST (Rs Crores)	Scheduled Date of Completion	COMPLETION PROGRAMME / REMARKS
1	Construction of LILO of Jhajra-Rishikech Line at 220KV s/s Harrawala, Dehradun		0.532	12/1/2016	
2	LILO of 220KV Khodri-Dehradun line at 220 KV S/S Selaqui		34.15	3/21/2020	
3	LILO of 220KV Roorkee -Nara Lineline at 400 Kv S/s Landhora	40	27.09	9/1/2019	
4	220 KV Jauljibi - Almora Line	130	189	6/1/2019	On the availability of 400KV S/S PGCIL Jauljibi
5	Proposed 220 KV Puhana- Piran Kaliyar D/C line	7	15.75	3/17/2018	The project will be take up during the financial year 2017-18
6	Construction of 220 KV D/C line from PGCIL S/s, Sitarganj-Khurpiya Farm line	42 km.	73.5	3/31/2019	
7	Construction of LILO of 220 KV Bareilly-Pantnagar line at Khurpiya Farm	3 km.	5.25	3/31/2019	
	SUB TOTAL (III) (220KV LINES)		345.272		
IV.	220 KV SUB STATIONS				
1	Construction of 220 KV s/s Ghansali	2x30=60	124.8	3/1/2018	
2	220/33 KV GIS substation Selaqui(2X50) MVA	2x50 =100	131.4	3/3/2020	
3	220 KV S/S Almora	2X100 MVA	120.84	6/1/2019	On the availability of 400KV S/S PGCIL Jauljibi
4	Augmentation of 220 KV Substation SIDCUL Haridwar from 2x80 MVA (132/33 KV) + 1x50 MVA(220/33 KV) to 2x80 MVA (132/33 KV) + 2x50 MVA(220/33 KV) by procurement, erection & commissioning of 01 No. 50 MVA (220/33 KV) Transformer at 220 KV Substation SIDCUL Haridwar.	50 MVA	14.41	4/1/2016	The project will be take up during the financial year 2016-17
5	Increasing capacity of 2X25 MVA to 1X25+1X50 MVA at 220 KV S/S Chamba	25	10.28	6/17/2017	The project will be take up during the financial year 2016-17
6	Augmentation of 220 KV S/s Jhajra by dismantalling of 2X40 MVA transformer and installation of 2X80 MVA under O & M division Dehradun.	160 MVA	24.85	4/17/2016	The project will be take up during the financial year 2016-17
7	Increasing capacity of 220 KV S/s Rishikesh from 2X160 MVA to 3X160 MVA and associated bays.	160 MVA	18.19	8/16/2016	The project will be take up during the financial year 2016-17
8	Augmentation of 220/33 KV S/s to 220/132 KV S/s with additional 2X 100 MVA transformers at Piran Kaliyar.	200	13.2	12/16/2016	The project will be take up during the financial year 2016-17
9	Augmentation of Transformer from 2x40 MVA to 3x40 MVA at 220KV Substation, Kamaluaganja (Haldwani)	1x40MVA	6.7	3/31/2017	
10	Replacement of 02 Nos 220KV D/C towers (with DD+15) at location no 55 & 56 in 220 KV Kashipur(400)- Mahuakheraganj line for providing safe clearance.		3.7	3/31/2018	

S. No.	NAME OF THE TRANSMISSION LINE & ASSOCIATED SUBSTATIONS	LENGTH OF LINE (Ckt.Kms.) / S/S. CAP. (MVA )	ESTIMATED COST (Rs Crores)	Scheduled Date of Completion	COMPLETION PROGRAMME / REMARKS
11	Construction of 220/132/33 KV S/s at Khurpiya Farm		90	3/31/2019	
12	Construction of 2 nos 220 KV bays at 220 KV S/s PGCIL, Sitarganj.		5	3/31/2019	
13	Civil Work at 220/132 KV S/S Ramnagar Roorkee		3.03	9/1/2018	
14	Civil work, 220 KV S/S SIDCUL		2.62	1/4/2018	
15	Civil work, 220 KV S/S Kamalvaganja		2.6	9/1/2017	
16	Civil work, 220 KV S/S Pantnagar		0.82	12/1/2018	
	<b>SUB TOTAL (IV) (220KV SUB STATIONS)</b>		<b>572.44</b>		
V.	132 KV LINES				
1	LILO of 132 KV Laltappar -Majra line at 132 KV S/S Araghar	6.4	50.81	3/1/2018	
2	LILO of 132 KV Bindal -Rishikesh line at 132 KV S/S Raipur	10	10.618	3/20/2020	
3	LILO of 132 KV Laksar- Nehtore line at 400 Kv S/s Landhora	44	41.014	9/22/2019	
4	LILO of 132 KVManglore- Nehtore line at 400 Kv S/s Landhora	6	11.446	9/23/2019	
5	Srtringing of Second circuit of 132 KV D/C Srinagar -Simli Line with Single Panther conductor	64.5	30.51	3/1/2019	
6	Srtringing of Second circuit of 132 KVSatpuli Kotdwar LineLine with Single Panther conductor	47	22.75	12/1/2017	
7	132 KV Simli-Gairsain line	40	65.66	3/1/2019	
9	Construction of LILO of 132 KV Bhagwanpur-Chudiyala line at 220 KV S/s Piran Kaliyar.	9.27	12.8	4/17/2017	The project will be take up during the financial year 2017-18
10	Replacement of 132 KV Roorkee-Manglore line conductor by new AAAC/ HTLS conductor at 132 KV S/S Manglore	11	11.55	12/16/2016	The project will be take up during the financial year 2016-17
11	Re-alignment of tower at loc. No. 30 to a safe place of 132 KV Kathgodam -Bhowali line.		0.5	3/31/2017	
12	Replacement of ACSR Panther conductor in 132 KV Pantnagar-Rudrapur line with ACCC Casablanca conductor	7.6 km.	8	3/31/2018	
13	Construction of LILO of 132 KV Rudrapur-Kichha line at Khurpia farm.	3 km.	3	3/31/2019	
14	Termination of 132KV CPP line at proposed 220KV s/s Khurpiya Farm at Kichha	2 Kms	2	3/31/2019	
15	Replacement of ACSR panther conductor with HPC conductor of 132 KV Kashipur-Mahuakheraganj (220) line	10.30Kms	10.3	3/31/2019	

S. No.	NAME OF THE TRANSMISSION LINE & ASSOCIATED SUBSTATIONS	LENGTH OF LINE (Ckt.Kms.) / S/S. CAP. (MVA )	ESTIMATED COST (Rs Crores)	Scheduled Date of Completion	COMPLETION PROGRAMME/ REMARKS
16	Strengthening of 132KV Haldwani-Bhowali line by replacement through HPC conductor.	14 Kms	14	3/31/2019	
17	LILLO of 132KV Kathgodam-Pantnagar line at proposed 132KV Golapar S/s (App. 15KM)	15Kms	15	3/31/2019	
18	Construction of 132KV S/Ckt line on D/C Towers for 132KV Golapar(Proposed) S/s from 220KV Khurpia Farm (Proposed) S/s (App.30KM)	30Kms	30	3/31/2019	
19	Construction of 132 KV LILLO line for 132 KV S/s Khatima-II	12 km.	12	3/31/2019	
20	Construction of 132 KV LILLO line for 132 KV S/s SIDCUL Phase-II, Sitarganj	10 km.	10	3/31/2019	
21	Replacement of ACSR Panther conductor in 132 KV PGCIL-SIDCUL Sitarganj line with ACCC Casablanca conductor	22 km.	19.74	3/31/2019	
22	Replacement of ACSR Panther conductor in 132 KV Kichha-Sitarganj line with ACCC Casablanca conductor	31.5 km.	28.12	3/31/2019	
23	Replacement of ACSR Wolf conductor in 132 KV Piliphit-Khatima D/C line with ACCC copen hagan conductor	45 km.	76.5	3/31/2019	
	SUB TOTAL (IV)(132KV LINES)		<b>486.318</b>		
VI.	132 KV SUB STATIONS				
1	132 KV GIS substation Araghar	2x40 =80	71.36	3/1/2018	
2	132 KV substation Raipur	2x40 =80	71.36	3/1/2020	
3	132 KV substation Gairsain	2x20 =40	92.85	3/1/2019	
4	132 KV S/S Lohaghat	2x20 MVA	93.16	3/1/2018	After principle approval of 132KV Pithoragarh - Lohaghat Line
5	Replacement of 132 KV Roorkee-Laksar line old wolf conductor by new AAAC/ HTLS conductor at 132 KV S/S Laksar	26.5	27.85	11/17/2017	The project will be take up during the financial year 2017-18
6	Increasing capacity of 132/33 KV S/S Srinagar from 1X20 MVA+1X40 MVA to 2X40 MVA	20	6.03	12/16/2016	The project will be take up during the financial year 2016-17
7	Increasing capacity of 132/66 KV S/S Srinagar from 1X20 MVA+1X15 MVA to 2X20 MVA	5	3.12	12/16/2016	The project will be take up during the financial year 2016-17
8	Replacement of old 1X20 MVA transformer by new 1X20 MVA transformer Simli.	20	3.6	12/16/2016	The project will be take up during the financial year 2016-17
9	Increasing capacity of S/S from 2X40 to 2x80 MVA at 132 KV S/S Manglore	80	24.85	12/16/2017	The project will be take up during the financial year 2017-18
10	Increasing capacity 3x40 MVA (132/33 KV) to 1x80 +2X40 MVA (132/33 KV) at 132 KV S/S Bhagwanpur	40	12.5	12/16/2017	The project will be take up during the financial year 2017-18

S. No.	NAME OF THE TRANSMISSION LINE & ASSOCIATED SUBSTATIONS	LENGTH OF LINE (Ckt.Kms.) / S/S. CAP. (MVA )	ESTIMATED COST (Rs Crores)	Scheduled Date of Completion	COMPLETION PROGRAMME / REMARKS
11	Increasing capacity 2X40 MVA (132/33 KV) to 1X80+1X40 MVA (132/33 KV) at 132 KV S/S Laksar	40	12.5	12/16/2017	The project will be take up during the financial year 2017-18
12	Augmentation of 132 KV Substation Kotdwar from 2x40 MVA to 3x40 MVA by procurement, erection & commissioning of 01 No 132/33 KV 40MVA Transformer & Construction of 03 Nos. 33 KV Bays at 132 KV S/S Kotdwar (P.G.)	80	10.16	12/16/2016	The project will be take up during the financial year 2016-17
13	Installation of 220/33 KV 50 MVA transformer and construction of 3 Nos 33 KV bay at 220 KV Sidcul S/s Haridwar	50	9.2	3/16/2016	The project will be take up during the financial year 2016-17
14	Construction of 132 KV S/C line from 220 KV Sidcul S/s to 132 KV Jwalapur S/s and 2 Nos associated bays.	3.5	6.77	3/16/2016	The project will be take up during the financial year 2016-17
15	Increasing capacity 132 KV Jwalapur 2X40 MVA (132/33 KV) to 3X40 MVA (132/33 KV) at 132 KV S/S Jwalapur	40	4.33	1/1/2016	The project will be take up during the financial year 2016-17
16	Increasing capacity 132 KV Bhupatwala 2X40 MVA (132/33 KV) to 3X40 MVA (132/33 KV) at 132 KV S/S Bhupatwala and 3 nos 33 KV bays.	40	9.54	1/1/2016	The project will be take up during the financial year 2016-17
17	Replacement of 132/33 KV 40 MVA transformer at 132 KV S/s Roorkee	40	5.43	1/1/2016	The project will be take up during the financial year 2016-17
18	Construction of 2X40 MVA 132/33 KV Chudiyala S/s and its LILO line	80	16.8	12/16/2015	The project will be take up during the financial year 2016-17
20	I/C of existing 33KV Capacitor Bank from 2X5 MVAR TO 3X5 MVAR at 132KV Substation, Almora	1x5MVAR	0.4	3/31/2017	
21	Increasing capacity of 132 KV S/S Jaspur from 2x40MVA to 3x40MVA.	1x40MVA	6.7	3/31/2017	
22	Supply and Commissioning of 2X5MVA capacitor bank at 132 KV Substation, Kathgodam	2x5MVAR	0.45	3/31/2017	
23	Provision of additional 2X5 MVAR 33 KV Capacitor Bank at 132 KV Substation, Pithorgarh	2x5MVAR	0.56	3/31/2017	
25	Replacement of 1x3x5MVA T/F bank with 20MVA Transformer at 132 KV Bhowali (T/F at Bazpur shall be utilized)	1x20MVA	0.1	3/31/2017	
26	Construction of 01 no. 33KV Bay against requirement of UPCL at 132 KV Substation, Almora		0.23	3/31/2018	

S. No.	NAME OF THE TRANSMISSION LINE & ASSOCIATED SUBSTATIONS	LENGTH OF LINE (Ckt.Kms.) / S/S. CAP. (MVA )	ESTIMATED COST (Rs Crores)	Scheduled Date of Completion	COMPLETION PROGRAMME / REMARKS
27	Provision of Hybrid module (due to space constraint) for construction of Transfer Bus at 132KV S/s, Pithoragarh		1.59	3/31/2018	
28	Work of replacement of old ACSR panther conductor with HPC conductor in 132 KV Kashipur(400) - Kashipur Ckt-II line at 132 KV Substation, Kashipur	3.2KMs	3.2	3/31/2018	
29	Stringing of HPC in second circuit of 132 KV Kashipur(400) -Bazpur line along with construction of one no. 132 KV bay at 132 KV S/S Bazpur	15.30Kms	16	3/31/2018	
30	I/C of 132 KV S/S, Kichha from 2 X 40 to 3 x 40 MVA alongwith construction of Bus Coupler bay at Kichha.	1 X 40 MVA	4	3/31/2018	
31	Increasing capacity of 132 KV S/S Ramnagar from 1x20+1x40MVA to 2x40MVA	1x40MVA	4	3/31/2018	
32	Replacement of Old 2X3x5 MVA Transformer with 2X20 MVA Transformer at 132 KV Substation, Ranikhet	2x20MVA	5.07	3/31/2019	
33	Construction of 132 KV Substation, Bhikiasain alongwith associated transmission line at 132 KV Substation, Ranikhet (30Kms)	2x3x5MVA+30Kms	80	3/31/2019	
34	Replacement of Old 2X3x5 MVA Transformer with 2X20 MVA Transformer at 132 KV Substation, Pithoragarh	2x20MVA	6.6	3/31/2019	
35	Construction of 04 Nos of 33 KV bays at 132 KV S/S Bazpur (Deposit)		1.7	3/31/2019	To be checked
36	Construction of 132 KV Mahuakheraganj(220)-Jaspur (21 Kms) with 01 No. bay at 132 KV Substation, Jaspur		21	3/31/2019	
37	Replacement of 1X3x5MVA Transformer bank with new 20MVA Transformer at 132 KV Substation, Bhowali	1x20MVA	2	3/31/2019	
38	Construction of 132/33KV S/s at Golapar, Haldwani	2x40MVA	53	3/31/2019	
39	Construction of 132/33 KV S/s, Khatima-II	2 X 40 MVA	40	3/31/2019	
40	Construction of 132/33 KV S/s at SIDCUL Phase-II Sitarganj	2 X 40 MVA	40	3/31/2019	
41	Increasing capacity of 132 KV S/S Bazpur from 1x40+1x80MVA to 2x80MVA.		11	3/31/2019	
42	Construction of 132 KV transfer bus and extension of switchyard at 132 KV S/S Bazpur		3.5	3/31/2019	

S. No.	NAME OF THE TRANSMISSION LINE & ASSOCIATED SUBSTATIONS	LENGTH OF LINE (Ckt.Kms.) / S/S. CAP. (MVA )	ESTIMATED COST (Rs Crores)	Scheduled Date of Completion	COMPLETION PROGRAMME / REMARKS
43	Construction of boundary wall/ flood protection wall around 132 KV S/S Bazpur		2	3/31/2019	
44	Civil work, 132 KV S/S Bhagwanpur		0.03	3/1/2018	
45	Civil work, 132 KV S/S Manglore		0.71	3/2/2018	
46	Civil work, 132 KV S/S Laksar		1.97	3/3/2018	
47	Civil work, 132 KV S/S Jwalapur (Haridwar)		0.09	12/1/2017	
48	Civil work, 132 KV S/S Bhopatwala Haridwar		3.79	12/2/2017	
49	Civil work, 132 KV S/S Kotdwar (G)		1.45	10/1/2017	
50	Civil work, 132 KV S/S Satpuli (G)		4.45	7/31/2018	
51	Civil work, 132 KV S/S Simli (G)		0.83	10/31/2017	
52	Civil work, 132 KV S/S Majra Dehradun		0.7	12/1/2016	
53	Civil work, 132 KV S/S Bindal		1.14	12/1/2018	
54	Civil work, 132 KV S/S Purukul , Dehradun		0.33	12/2/2018	
55	Civil work, 132 KV S/S Almora		2.93	6/1/2017	
56	Civil work, 132 KV S/S Pithroragarh		0.7	3/1/2017	
57	Civil work, 132 KV S/S Bazpur		1.56	3/1/2019	
58	Civil work, 132 KV S/S Kathgodam		4.43	3/1/2019	
59	Civil work, 132 KV S/S Bhowali		1.84	3/1/2019	
60	Civil work, 132 KV S/S Kiccha and Rudrapur		1.78	12/1/2018	
61	Civil work, 132 KV S/S Ranikhet		2.42	12/1/2017	
62	Civil work, 132 KV S/S Jaspur		0.98	3/1/2019	
63	Civil, Construction of H.Q.Colony at 132 KV Majra		124.139	3/2/2019	
65	Civil, 132 KV S/S Srinagar-II colony		8.87	8/1/2018	
66	PTCUL office bulding 132 KV S/s Majra Dehradun		0.35	8/30/2016	
	<b>SUB TOTAL (VI)(132KV SUB-STATIONS)</b>		<b>949.999</b>		
VII.	MISC. WORKS				
1					
2					
3					
	SUB TOTAL (VII) MISC. WORKS				
	<b>GRAND TOTAL (I..VII)</b>		<b>2234.72</b>		



Name of Transmission Licensee		Power Transmission Company of Uttarakhand Limited									
Form 19											
Investment Plan											
(Figures in Rs Crore)											
Part A: ACTUAL TRANSMISSION WORKS											
S. No.	NAME OF THE TRANSMISSION LINE & ASSOCIATED SUBSTATIONS	LENGTH OF LINE (Ckt.Kms)/ S/S. CAP. (MVA)	APPROVED COST (Rs Crores)	COMPLETED COST (Rs Crores)	VARIATION in COST (Rs Crores)	Reasons of Variation in Cost	Scheduled Date of Completion	Actual Date of Completion	Date of Electrical Inspector's Clearance*	Variation in Schedule	Reasons of Variation in Schedule
1	2	3	4	5	6	7	8	9	10	11	12
I.	400 KV LINES										
1											
2											
3											
II.	400 KV SUB STATIONS										
1											
2											
3											
III.	220 KV LINES :										
1	LILO of 220 KV Khodri-Rishikesh line at 220 KV S/s Dehradun	4.6	1.09	3.5	2.41	Due to ROW problem the route of line was diverted from its original route and as a result of this there was variation in scheduled completion of the line which in turn increased the IDC, PV and establishment cost ,etc during the construction of the line.	8/1/2012	1/1/2014	31/01/2014	One Year five months and 17 Days	There was severe right of way problem in the route of 220 KV Khodri - Rishikesh LILO Line from Tower No. 3 -10. The erection of Tower No. 7 was stopped by the Land owner in Sep. 2013 when its two sections were completed. The right of way problem was resolved in the Month of November 2013 and the Tower erection was completed subsequently. The owner of location No. 8 also approached to Hon'ble Chief Minister for shifting of Tower from their land The position of Tower No. 8 was also shifted to final present position as a result of RoW problem which also delayed the foundation & erection of Tower. At Tower Location No. 9 PTCUL faced most severe difficult RoW issues due to land owner and Tower No. 9 was shifted many times as a result of severe bstacles created by the land owner. Finally the RoW problem was resolved on 14.12.2013 and work of foundation completed on 22.12.2013 and after completion of curing period erection of Tower No. 9 was finally completed in third week of January and consequently the stringing between tower no. 8-9 and 9-10 was started and completed on 30.01.2014 and the line was energized on the same day. At Location no. 10 the construction work was held up as concerned land owner Mr. Ravindra Gupta filed a law suit in Hon'ble Civil Court Vikasnagar and got stay from the court on dated 09.09.2013 PTCUL approached Hon'ble District Court on dated 15.10.2013 through Lawyer for vacating stay; finally the stay was vacated by Hon'ble Civil Court Vikasnagar on dated 28.10.2013 . The foundation work at this location was immediately started and erection of Tower was completed in January, 2014 and finally the Stringing of the line was completed on 29.01.2014. Forest Clearance for Tree Cutting: The forest clearance for Tree trimming was accorded on 17.01.2014 due to which stringing between Tower No. 7 -8, 8-9 and 9-10 was delayed
2	Construction of LILO of Rosnabad-Puhana 220 KV line at 220 Kv s/s Piran kaliyar		9.91				12/1/2016	In progress			
3	Construction of LILO of Lakhwar-Vvasi 220 KV double circuit Line		146.52				10/1/2017	In progress			
4	Construction of 220 Kv line from 400 KV PGCIL s/s to 220 KV s/s Dehradun (including well foundation)		26.34				6/1/2016	In progress			
5	LILO of 220 KV Dhauliganga - Pithoragarh Line at 220 KV S/S Baram	8	26.09	In progress			6/1/2018	In progress			Due to delay in Forest Land transfer required for S/S construction
6	Civil work, Bairelly-Pantnagar 220 kv Line		0.83	0.83			12/1/2015				
IV.	220 KV SUB STATIONS										
1	220 KV GIS s/s IIP, Harrawala , Dehradun		131.1408				12/1/2016	In progress			
2	220/132 KV S/s Dehradun	2x160(220KV)+ 2X40(132 KV)	51.73	49.90*	-		11/1/2012	1/1/2014	01/01/2014	One year two months and 21 Days	1.Due to Delay in earth filling.As the Substation land is in river bed, so for the safety of Substation against flood in rainy season huge quantity of earth filling about 79000 Cum was required, no single land owner was able to provide such large quantity, so Firm searched many field owners for supply of earth. As per Uttarakhand Govt. Mining policy 2011the process of obtaining permission for earth excavation from field of land owners is very tedious for controlling illegal mining. The complete process includes visit of different revenue, District Administration/Mining Department Officers & preparation of report by them and accordingly approval from concern authority.As most of the civil & electrical works of substation were directly related to earth filling and levelling of yard of substation, so due to delay in earth filling all works of substation were hampered badly and Project got delayed. 2.Due to heavy flood at site in 2012.As the Substation Site is in the river bed so civil works i.e. foundation of equipment & Structures was hampered badly during monsoon season. Dewatering was also done by the M/s HPL by putting 2-3 pumps but the efforts were in vain during rainy season. Due to heavy and long rainy season water was flowing even upto mid of november 2012. Due to delay in civil work all other Substation works were affected and got delayed 3.Natural Calamity 2013:- Due to natural calamity and unprecident rains in Uttarakhand during 2013 monsoon season different projects activities of civil & electrical works were hampered badly as land of substation is in the river bed and low laying area, due to which project also got delayed 4.Due to non availability of Power for energization - up to 30-01-2014.
3	220 KV s/s Piran Kaliyar (2*50 MVA)		66.12				12/1/2016	In progress			
4	220 KV S/S Jaffarpur	2X50	74.61	In progress			6/1/2017	In progress			Due to delay in Forest Land transfer required for S/S construction
5	LILO Of 220KV Kashipur-Pantnagar line at 220KV S/s Jafarpur		8.3388				6/1/2017	In progress			
6	220 KV S/S Baram		120.84				6/1/2018	In progress			
7	Civil work, 220 KV S/S Chamba		1.43				3/31/2017	In progress			
8	Tower foundation of LILO of 220 KV Rishikesh Line		0.94				5/1/2014				
V.	132 KV LINES										
1	132 KV D/C Srinagar -Simli Line		118.52	118.52			1/31/2016	In Progress			

S. No.	NAME OF THE TRANSMISSION LINE & ASSOCIATED SUBSTATIONS	LENGTH OF LINE (Ckt.Kms)/ S/S, CAP. (MVA)	APPROVED COST (Rs Crores)	COMPLETED COST (Rs Crores)	VARIATION in COST (Rs Crores)	Reasons of Variation in Cost	Scheduled Date of Completion	Actual Date of Completion	Date of Electrical Inspector's Clearance*	Variation in Schedule	Reasons of Variation in Schedule
1	2	3	4	5	6	7	8	9	10	11	12
2	132 kV Simli S/s		9.4	12.67	3.27	1. Cost of Equipment, main & auxiliary structure increased due to technical requirement and change in design. 2. Const of spares, T&P and Erection increased. 3. Quantity of structure increased from 60 MT to 113 MT due to which the cost supply & erection increased. 4. Cost of earthing increased due to high soil resistivity in the switchyard area. 5. Cable quantity also increased as per engineering requirement.	1/31/2016			02 Years 08 Months	Due to delay in Transfer of land from SIDCUL.
2	Construction of LILO of 132 KV Purkul-Dhalipur Line at 220 KV S/s Dehradun		0.8028	3.46				1/31/2016			
3	LILO of 132 KV Kulhal-Majra Line at 220 KV S/s Dehradun	3.266	0.8	1.71		Due to RoW Issues from Tower No.5-9, the line route was changed from original route and now it involved 11 towers in place of 9 towers proposed originally.5. As per decision taken during site visit, special type foundation was proposed for towers in/along river bed.Due to special type of foundation the cost of these lines is increased . In contract there was no provision of gantry for crossing 220 KV Khodri - Rishikesh LILO line, while 2 sets of gantry are required as per present site constraint for crossing above Lines with LILO of 220 KV Khodri - Rishikesh line at 220 KV S/s Dehradun. So cost of line also increased due to supply, foundation & erection of gantry.	11/1/2013	7/29/2015	27/07/2015	One years 07 months 29 days	ROW Problems:- The firm started the foundation work in various locations but the work was stopped by the land owners. PTCUL perused them but they did not agreed for construction of line in proposed route. Local land owners most of these were schedule tribes also stopped the work on second LILO lines. They also approached to Hon Chief Minister of Uttarakhand for shifting of line from proposed route. Due to importance of construction of these lines to meet out the electricity supply of Dehradun area and for GRID stability, new alternate route was found out and survey of line was carried out , but the firm could not started the work in 2nd line due to increase in cost of contract above permissible limit. 2. Increase in Scope of Work & Quantity :- As per new proposed route quantity of towers increased as a result quantity/ amount of contract increased above permissible limit. PTCUL has issued amendment on above contract agreement vide letter No.406/ CE, C&P/PTCUL/TL-03/2012-13 dated 13.03.2015. 3. Bad Weather Condition :- Due to heavy rain in rainy season foundation work could not be taken up as 60% foundation are proposed in river bed.
	LILO of 132 KV Kulhal-Majra Line at 220 KV S/s Dehradun (Civil works) (additional capitalization)	1.68						3/31/2016			
4	LILO of 132 KV Majra-Rishikesh line at 132 KV S/S Laltpappar	3	1.74	2.23	0.49	Due to ROW problem the route of line was diverted from its original route and as a result of this there was variation in scheduled completion of the line which in turn increased the IDC, PV and establishment cost etc during the construction of the line.	4/1/2013	2/1/2015	11/02/2015	One years 10 months 13 days	The work of line was held up at Tower No. 7, 8, 9 and Gantry due to protest of land owners for the construction of tower and gantry in their land. For resolving ROW problem a joint site visit was done by PTCUL and Mr. Rohit Jain and Mr. Ronit Arora who were claiming that tower No. 7, 8, & 9 is in their land, to find out alternate route for construction of line. In new proposed route there were 11 KV and 33 KV lines of UPCL which were required to be shifted. The land owner's were agreed to shift the 33 KV & 11 KV line at their own cost UPCL prepared cost estimate for shifting above 33 KV & 11 KV lines Then PTCUL asked M/s Shanz Power Tech to carry out route survey in revised route. M/s Shanz Power tech requested the survey and submitted the profile and tower schedule of revised alternate route which was approved by PTCUL. When PTCUL carried out to deposit the proposed amount of estimate prepared by UPCL on behalf of shifting of 11 KV & 33 KV Lines Rohit Jain and Mr. Ronit Arora intimated telephonically that the land is disputed and as per record of revenue department the Kharsa/Khatoni No. of this land is situated in some other place. They told that they now have no objection to carry out the construction of line in old route. But M/s Shanz Power tech have already completed foundation of tower no. 8 & 9 in new alternate route and also the material of 1 No. tower which was eliminated in new route has been diverted and used in restoration work of 132 KV Roorkee - Laksar Line. At this stage it was in favour of PTCUL to construct the line as per new alternate route. PTCUL deposited amount Rs. 245755.00 (Rs. Two Lacs Forty Five thousand seven hundred and rupees fifty five only) for shifting of 11 KV & 33 KV Lines on dated 15.11.2014 and after shifting of above UPCL line on dated 22.11.2014 by UPCL. The foundation and erection work of gantries and towers were completed by 29.12.2014. And consequently stringing of line was completed on 12.02.2015.
5	Construction of 132 KV Purkul-Bindal link line (10.73 Km.)		8				12/1/2016	In Progress			
6	132KV Ranikhet -Bageshwar Line	43.602	60.18	In progress			6/1/2017	In Progress			
7	Stringing of 132 KV Kichha - Sitarganj Line	32.15	2.3	2.3			6/1/2016	10/1/2012	06.10.2011/06.10.2012	5 year 6 month	Due to legal litigation
8	132KV Pithoragarh - Lohaghat Line	50	82.07	In progress			3/1/2018	In Progress			
9	Amalgation of 132 KV Lines at 132 KV S/S Khatima II		20				3/1/2018	In Progress			
10	Civil work, Khatima- Sitarganj 132 kv Line		1.47	1.47			1/1/2016	In Progress			
VI.	132 KV SUB STATIONS										
1	Construction of 132 KV S/s Srinagar		19.7687	19.7687			12/1/2015	In Progress			
2	132 KV S/s Lal Tappar, Dehradun	2x40 =80	24.92	17.57			3/1/2013	2/1/2015	17/01/2015	One year 10 months 13 days	
3	132KV S/S Bageshwar	2x15	92.78	In progress			6/1/2017	In Progress			
4	132 KV S/S Sitarganj (Eldico)	2X40	19.76	In progress			10/1/2012	10/1/2012	06.10.2012	5 year 6 month	Punch point of electrical and civil work alongwith construction of colony not completed by contractor
5	132 KV S/S Khatima II		30				3/1/2018	In Progress			
6	Increasing capacity of 132 KV S/S Kathgodam (Haldwani) form 40 MVA to 80 MVA		3.03	2.94			8/5/2015	In Progress			
7	Increasing capacity of 132 KV S/S Bhowali form 30 MVA to 50 MVA		2.44	2.36			8/5/2015	In Progress			
8	Increasing capacity of 132 KV S/S Almora form 40 MVA to 60 MVA		2.78	2.54			7/26/2015	In Progress			
9	Increasing capacity of 132 KV S/S Bazpur form 80 MVA to 120 MVA		5.62	5.22			9/28/2015	In Progress			
10	Civil work, 132 KV S/S Srinagar (G)		2.34				3/1/2018	In Progress			
12	Civil work, 132 KV S/S Kashipur		1.55	1.55			7/1/2015	In Progress			

S. No.	NAME OF THE TRANSMISSION LINE & ASSOCIATED SUBSTATIONS	LENGTH OF LINE (Ckt.Kms)/ S/S, CAP. (MVA )	APPROVED COST (Rs Crores)	COMPLETED COST (Rs Crores)	VARIATION in COST (Rs Crores)	Reasons of Variation in Cost	Scheduled Date of Completion	Actual Date of Completion	Date of Electrical Inspector's Clearance*	Variation in Schedule	Reasons of Variation in Schedule
1	2	3	4	5	6	7	8	9	10	11	12
13	Construction of well foundation for 220 KV D/C Twin Zebra line from 400 KV S/S PGCIL, Dehradun to 220 KV S/S, Dehradun		5.14	5.14			31/03/16	In Progress			
VII.	MISC. WORKS										
5	02 Nos. 220KV Bay at 400KV S/s Kashipur(REC)	02 Nos. 220KV Bay	2.98	3.3	0.32	There were certain items which were left out in the BOQ. Therefore variation in original approved cost occurred on procurement of these left out items.	1/31/2011	5/8/2014	13-11-2013/ 14-11-2013	03 Years 03 Months 08 days	Schedule of completion delayed due to the procurement of left over items.
6	Construction of 1 no. 220KV Bay at 220 KV S/s Pantnagar(REC)	1 No 220 KV Bay	1.523	1.05			3/1/2015	In progress			Erection in progress. Expected date of completion on 31.03.2016.
	Construction of Type 2,3 4 residences for 220 KV MahuakheraGanj S/s			5.09			8/13/2016	In progress			
7	Augmentation of 220KV S/s Pantnagar alongwith construction of 02Nos 220 KV Bays and 02 Nos 33 KV Bays.(REC)	02 No 220 KV Bay or 02 No. 33 KV Bay	12.375	8.21			3/1/2016	In progress			Supply of T/Fs completed, Erection work in progress, Expected date of completion on 31.03.2016.
8	Development of Switchyard including dismantling chain link fencing and re-erection for 2x50 MVA T/F at 220 KV S/s Pantnagar.(REC)	2x50MVA	0.36	0.36			3/1/2016	In progress			Work in Progress, Expected date of completion on 31.03.2016.
9	Increasing capacity of 132 KV S/s Ranikhet (1*30 MVA to 1*50 MVA) (132/33)		0.5	0.5			7/27/2015				
9	Misc Equipment for 220 KV S/s Jhaura (Additional capitalisation)		0.1	0.1			9/30/2015	Additional capitalisation			
10	Construction of 33 KV bay for M/s Shirdi Industries at 220 KV Pantnagar S/s		0.5	0.5			9/30/2015	Deposit work			
11	const of 01 no. of incoming bay at 132 KV Sitarganj from 220 KV S/s PGCIL Pantnagar		0.85	0.85			9/30/2015	Capital work			
12	Land held under lease for 132 kV Purkul bindal line (the work is under progress but the payment for lan has been capitalised)		0.05	0.05			9/30/2015				
13	132 kv S/s Laltpappar (Additional capitalisation)		0.26	0.26			9/30/2015	Additional capitalisation			
14	220 KV S/s Dehradun (Jhaura) Line 220 kv (Additional capitalisation)		0.61	0.61			9/30/2015	Additional capitalisation			
15	LILO of 132 KV Majra Rishikesh at 132 KV Laltpappar (Additional capitalisation)		0.0007	0.0007			9/30/2015	Additional capitalisation			
16	LILO of 220 KV Khodri Rishikesh at 220 KV Dehradun (Additional capitalisation)		0.03	0.03			9/30/2015	Additional capitalisation			
17	220 KV line from 400 KV Kashipur to 200 KV Mauakeraganj (Additional capitalisation)		0.03	0.03			9/30/2015	Additional capitalisation			
18	132 kv Kashipur Bazpur line (Additional capitalisation)		0.14	0.14			9/30/2015	Additional capitalisation			
19	LILO of 132 KV Almora-Pithoragarh at 220 KV Pithoragarh (PGCIL) (Additional capitalisation)		0.23	0.23			9/30/2015	Additional capitalisation			
20	Furnitures & fixtures		0.01	0.01			9/30/2015				
21	Office equipment		0.0064	0.0064			9/30/2015				

**Form 20****Summary of Truing Up**

Previous Year (n-1) for Final Truing Up

(Figures in Rs Crore)

S. No.	Particulars	Approved	Actual	Variation	Reasons for Variation	Controllable	Uncontrollable
<b>A.</b>	<b>Annual Transmission Charges</b>						
1	Interest on Loan (Including Interest on Normative Loans)	44.37	49.64	(5.27)			
2	Depreciation	47.67	49.38	(1.71)			
3	Lease Charge			0.00			
4	Return on Equity	10.92	27.96	(17.04)			
5	O&M Expenses	109.32	82.62	26.70			
6	Interest on Working Capital	9.06	9.56	(0.50)			
7	Income Tax		11.63	(11.63)			
8	Other Expenses (pls provide details): True up for previous years including carrying cost	16.99	16.99	0.00			
9	Guarantee Fees	1.74	0.12	1.62			
10	Add : Gain/loss (on account of controllable items) of licensee		21.37	(21.37)			
11	Gross Annual Transmission Charges (1+2+3+4+5+6+7+8)	240.07	269.27	(29.20)			
12	Less: SLDC related expense	6.02	7.70	(1.68)			
13	Less: Other Income (provide details)	1.37	2.42	(1.05)			
	<b>Annual Transmission Charges</b>	<b>232.68</b>	<b>259.15</b>	<b>(26.47)</b>			
<b>B</b>	<b>Revenue</b>						
1	Revenue from Transmission Charges		232.68				
2	Income from Other Business u/s 41 of EA, 2003						
	<b>Total Revenue</b>		<b>232.68</b>				
<b>C</b>	<b>Surplus / (Gap)</b>		<b>26.47</b>				
Note: Please give detailed explanation separately for the deviations on account of uncontrollable factors							

Current Year (n) Annual Performance Review							(Rs. Crore)
S.no.	Particulars	Approved	Actual	Variation	Reasons for Variation	Controllable	Uncontrollable
<b>A.</b>	<b>Annual Transmission Charges</b>						
1	Interest on Loan (Including Interest on Normative Loans)	61.55	56.14	5.41			
2	Depreciation	57.32	57.45	(0.13)			
3	Lease Charge			0.00			
4	Return on Equity	14.76	35.07	(20.31)			
5	O&M Expenses	117.15	117.15	0.00			
6	Interest on Working Capital	10.51	11.11	(0.60)			
7	Income Tax			0.00			
8	Other Expenses (pls provide details): True up for previous years including carrying cost	40.71	40.71	0.00			
9	Guarantee Fees	2.19	0.00	2.19			
10	Gross Annual Transmission Charges (1+2+3+4+5+6+7+8)	304.19	317.6268529	(13.44)			
11	Less: SLDC related expense	7.45	8.42	(0.97)			
12	Less: Other Income (provide details)	1.44	2.54	(1.10)			
	<b>Annual Transmission Charges</b>	<b>295.30</b>	<b>306.67</b>	<b>(11.37)</b>			
<b>B</b>	<b>Revenue</b>						
1	Revenue from Transmission Charges						
2	Income from Other Business u/s 41 of EA, 2003						
	<b>Total Revenue</b>						
<b>C</b>	<b>Surplus / (Gap)</b>						
Note: Please give detailed explanation separately for the deviations on account of uncontrollable factors							
<b>Petitioner</b>							

**Form 21.1**

(Figures in Rs Crore)

**Shunt Capacitor Addition / Repair Program**

S.No.	Particulars	Capacity (MVAR)
<b>Capacitor Additions</b>		
1	Total Capacitors requirement at the end of Previous year	375
2	Actual installed Capacitors at the end of Previous Year	310
3	Backlog/shortfall at the end of previous year (1-2)	45
4	Additional Requirement for the Current Year	30
5	Total Capacity required to be added during the current year (3+4)	50
6	Actual installed during first half of Current year	0
7	Target for the 2nd half of Current year	40
8	Total Capacitors likely to be added during Current Year (6+7)	40
9	Total capacity likely to be available by the end of current year (2+8)	360
10	Short fall if any (5-9)	5
<b>Repair of Defective Shunt Capacitors</b>		
11	At the end of the end of previous year	47.5
12	Net Capacity Available by the end of previous year (2-11)	262.5
13	Capacitors damaged during 1st half of the current year	0
14	Capacitors repaired during 1st half of the current year	12.5
15	Net Capacity Available by the end of 1st half of the year (12-13+14)	275
16	Target level of damaged capacitors by the end of current year	5
17	Net Capacity Likely to be Available by the end of current year (9-16)	325
18	Net Shortfall, by the end of the year (5-17)	50

*The above statement is to be accompanied by a detailed note to outline the reasons thereof and measures taken/ planned for improvement.*

**Petitioner**

Name of Transmission Licensee

Power Transmission Company of Uttarakhand Limited

**Form 21.2**

**Electrical Accidents**

(Figures in Rs Crore)

Type of Accident	No. of Accidents					
	Previous year			Current year		
	FATAL	NON FATAL	Total	FATAL	NON FATAL	Total
HUMAN	NIL					
ANIMAL						
Total						

Petitioner

Name of Transmission Licensee

Power Transmission Company of Uttarakhand Limited

**Form 21.3****Failure of Transformers**

(Figures in Rs Crore)

Sl. No.	Item	Preceding Year			Current Year (Actual)		
		No. of Transformers	No. of failures	Total Duration of failure (Hrs.)	No. of Transformers	No. of failures	Total Duration of failure (Hrs.)
	<b>Transformation ratio</b>						
1	Transformation ratio 1 (400/220)	2			2		
2	Transformation ratio 2 (220/132)	8					
3	Transformation ratio 3 (220/33)				8		
4	Transformation ratio 4 (132/33)	34	1	13:21	40	1	4
5	Transformation ratio 4 (132/66)						
	<b>Average duration of interruption</b>						
5	Average duration of interruption per transformer for Transformation ratio 1						
6	Average duration of interruption per transformer for Transformation ratio 2						
7	Average duration of interruption per transformer for Transformation ratio 3			0:24			
8	Average duration of interruption per transformer for Transformation ratio 4						

Petitioner