

**Name of Transmission Licensee: PTCUL****All figures in Rs. Crores**

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All figures in Rs. Crores

Intra State transmission

Annual Revenue Requirement

S.No.	Particulars	Reference Form	FY 2012-13	FY 2013-14	FY 2014-15
			Total (April- March) Estimated	Projected	Projected
A	Energy	F4			
1	Energy Available (MU)		12,904	-	-
2	Energy Transmitted (MU)		12,668	-	-
3	Transmission Loss %		1.83%	1.84%	1.82%
B	Revenue				
1	Revenue from Tariffs				
2	Revenue from other charges incl Non- Tariff Income	F6	1.51	1.30	1.37
	Total Revenue (1+2)		1.51	1.30	1.37
C	Expenditure				
1	O&M expenses	F8	84.06	94.96	107.38
a	R&M Expenses		20.51	26.23	29.77
b	Employee Expenses		49.40	56.40	65.04
c	A&G Expenses		14.14	12.32	12.56
2	Depreciation	F10.1	19.51	40.58	47.74
3	Advance Against Depreciation		33.05		
4	Guarantee Fee	F15.3	0.89	1.29	1.74
5	Interest on term Loans	F15.3	32.13	39.32	47.35
6	Interest on working Capital	F17	6.95	8.01	9.29
7	Interest on Additional WC due to TDS	F17	1.12	3.60	5.62
	Total Expenditure (1+2+3+4+5+6+7)		177.71	187.75	219.12
D	Return on Equity	F2	4.96	13.30	17.64
E	<b>Aggregate Revenue Requirement</b>		<b>182.68</b>	<b>201.05</b>	<b>236.76</b>
H	Surplus (+)/Shortfall(-) (B)-€		(181.17)	(199.75)	(235.39)

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All figures in Rs. Crores

Form 2

Return on Equity						
Intra State Transmission						
S.No.	Particulars	Reference Form	(2011-12)	(2012-13)	(2013-14)	(2014-15)
			MYT Order	Total	Projected	Projected
1	Equity at the beginning of the year		3.59	35.45	68.65	91.04
2	Capital Expenditure		184.20	122.52	117.98	180.63
3	Equity portion of capital Expenditure		31.86	33.20	22.39	35.70
4	Equity at the end of the year		35.45	68.65	91.04	126.74
	Return on Equity (%)		14.00%	14.00%	15.50%	15.50%
	MAT				20.01%	20.01%
	Effective rate on Interest		14.00%	14.00%	19.38%	19.38%
5	Full year return on Opening equity		0.50	4.96	13.30	17.64
	<b>Return on Equity</b>		<b>0.50</b>	<b>4.96</b>	<b>13.30</b>	<b>17.64</b>

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Form 3

## Transmission Lines

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 Operations	Covered in the Present	
								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) IIInd	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	LILLO OF SITARGANJ -KICCHA LINE	AC	D/C	ACSR Panther	132 KV		09.10.2012	yes	
90	LILLO 132 Kashipur-Moradabad at 220 Mahuakheraganj	AC	D/C	ACSR Panther	132 KV	6.509	03.07.2012	yes	

S.No.	Name of Sub-station	Type of Sub-station Conventional/ GIS/HVDC	Voltage Level KV	No. of Transformers/Reactors/svc etc. (With Capacity)	No. of bays			Date of Commercial Operations	Covered in the Yes/No	
					400kV	230 kV	132 kV & below			
1	400 KV S/S Rishikesh	Conventional	400/220 KV	2x 240	6	2	2	16.12.1983	yes	
2	400 KV S/S Kashipur	Conventional	400/220 KV	2x315	8		9	10	11.11.2006	yes
3	220 KV S/S Rishikesh	Conventional	220/132 KV	2x100			8	26	12.12.1974	yes
4	220 KV S/S Chamba	Conventional	220/33 KV	1x25					23.9.1980	yes
5	220 KV S/S Uttarkashi PH (Maneri Bhali Stage – I)	Conventional	220/33 KV	1x25					22.3.1986	yes
6	220 KV S/S Haldwani	Conventional	220/132 KV	1 x 100					26.07.2002	yes
7	IC at 220 KV S/S Haldwani	Conventional	220/132	1x100 to 2x100			3	14	10.02.2004	yes
8	IC at 220 KV S/S Rishikesh	Conventional	220/132	2x100 to 2x160					25.02.2004	yes
9	IC at 220 KV S/S Chamba	Conventional	220/33	1x25 to 2x25			6	12	06.11.2004	yes
10	220 KV S/S Roorkee	Conventional	220/132 KV	2x 160			9		10.6.2005	yes
11	increase in capacity of 220 KV S/S Roorkee	Conventional	220/33 KV	2x50					9.10.2012	yes
12	220 KV S/S Pantnagar	Conventional	220/132 KV	2x160			8	19	09.07.2005	yes
13	220 KV S/S SIDCUL, Haridwar	Conventional	220/132 KV	2x100			6	21	19.6.2006	yes
14	IC at 220 KV Uttarkashi P/H (Maneri Bhali Stage-I)	Conventional	220/33 KV	1x25 to 2x25					17.09.2006	yes
15	220 KV T/F at 400 KV S/S Kashipur	Conventional	220/132 KV	2x160					11.11.2006	yes
16	220 KV S/S Mahuakheraganj	Conventional	220/132 KV	2 x 100			7	23	24.11.2011	yes
17	132/33 KV T/F AT 220 KV S/S Rishikesh	Conventional	132/33 KV	2x20					12.12.1974	yes
18	132 KV S/S Rishikesh	Conventional	132/33 KV	1x 12.5					16.8.1966	yes
19	132 KV S/S Roorkee	Conventional	132/33 KV	2x40					1956	yes
20		Conventional	132/66 KV	2x20				57		yes
21	132 KV S/S Jwalapur	Conventional	132/33 KV	2x20					12.8.1973	yes
22	132 KV S/S Srinagar	Conventional	132/33 KV	1x40 +1x20				24	31.3.1981	yes
23		Conventional	132/66 KV	2x(3x5)						yes
24	132 KV S/S Kotdwar	Conventional	132/33 KV	2x40				15	28.3.1995	yes
25	132 KV S/S Bindal	Conventional	132/33 KV	1x40 +1x20					19.6.1992	yes
26	132 KV S/S Purkulgoan	Conventional	132/33 KV	1x20 + 1x20					27.3.1983	yes
27	132 KV S/s Dhakrani PH	Conventional	132/33 KV	2x40					Apr-72	yes
28	132 KV S/S Bhowali	Conventional	132/33 KV	2x(3x5)				14	Dec-78	yes
29	132 KV S/S Kathgodam	Conventional	132/33 KV	1x40					4.10.1978	yes
30		Conventional	132/66 KV	1x20						yes
31	132 KV S/S Kichha	Conventional	132/33KV	2x40				21	30.03.1993	yes
32	132 KV S/S Khatima PH	Conventional	132/33KV	1x40 + 1x20					21.04.1956	yes
33	132 KV S/S Almora	Conventional	132/33KV	2x20				17	17.11.1979	yes
34	132 KV S/S Kashipur	Conventional	132/33KV	3x40				25	21.09.1978	yes

35	132 KV S/S Bazpur	Conventional	132/33KV	2x20			17	31.12.1988	yes
36	132 KV S/S Majra	Conventional	132/33 KV	2x40 + 1x20			27	22.08.1966	yes
37	132 KV T/F at 220 KV S/S SIDCUL, Haridwar	Conventional	132/33 KV	2x80				19.6.2006	yes
38	132 KV T/F at 220 KV S/S Haldwani	Conventional	132/33 KV	2 x 20				26.07.2002	yes
39	132 KV T/F at 220 KV S/S SIDCUL, Pantnagar	Conventional	132/33KV	2x 80				09.07.2005	yes
40	IC at 132 KV S/S Bindal	Conventional	132/33KV	1x40+1x20 to 2x40			16	26.04.2003	yes
41	IC at 132 KV S/S Purkul	Conventional	132/33KV	1x20+1x20 to 1x20+1x40			19	06.11.2006	yes
42	IC at 132 KV S/S Majra	Conventional	132/33KV	2x40+1x20 to 3x40				16.10.2006	yes
43	IC at 132 KV S/S Bazpur	Conventional	132/33KV	2x20 to 2x40				15.03.2004	yes
44	IC at 132 KV S/S Haldwani T/F at 220 KV S/s Haldwani	Conventional	132/33KV	2x20 to 2x40				02.04.2004	yes
45	IC at 132 KV S/S Rishikesh	Conventional	132/33KV	2x20 to 2x40				15.03.2004	yes
46	IC at 132 KV S/S Roorkee	Conventional	132/33KV	2x40 to 3x40				07.05.2003	yes
47	IC at 132 KV S/S Jwalapur	Conventional	132/33KV	2x20 to 2x40			25	25.05.2003	yes
48	132 KV S/S Bhupatwala	Conventional	132/33 KV	2x40			16	30.12.2003	yes
49	132 KV S/S Manglore	Conventional	132/33 KV	2x40			16	27.10.2006	yes
50	132 KV S/S Bhagwanpur	Conventional	132/33 KV	2x40			16	25.5.2006	yes
51	132 KV S/S Rudrapur	Conventional	132/33KV	2x40			14	08.05.2006	yes
52	132 KV S/S Sitarganj	Conventional	132/33KV	2x40			18	07.01.2007	yes
53	132 KV S/S Sitarganj (ELDECO)	Conventional	132/33KV	2x40			2	09.10.2012	yes
54	132 KV S/S Pithoragarh	Conventional	132/33KV	2x(3x5)+1x20			15	02.06.2003	yes
55	Additional capacity on 132kv S/s Pithoragarh	Conventional	132/33KV	1x20				01.07.2012	yes
56	132 KV S/S Ranikhet	Conventional	132/33KV	2x(3x5)			12	14.12.2006	yes
57	132 KV S/S Jaspur	Conventional	132/33KV	2x40			16	24.12.2006	yes
58	132 KV S/S Ramnagar	Conventional	132/33KV	1x20+1x40			12	09.07.2005	yes
59	132 KV S/S Satpuli	Conventional	132/33 KV	2x20			12	02.02.2011	yes
60	132 KV S/S Laksar	Conventional	132/33 KV	2x40			14	26.7.2007	yes
61	132 KV T/F at 220 KV S/S Mahuakheraganj	Conventional	132/33 KV	2 x 80				24.11.11	yes
62	IC at 132 KV S/s Kathgodam	Conventional	132/66/33 KV	1x20 to 1x40			12	02.12.2008	yes
63	IC at 132 KV S/s Bhagwanpur	Conventional	132/33 KV	1 x 20				25.10.2011	yes



Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 4

**Transmission Losses**

S.No.	Loss Calculation	2012-13	2013-14	2013-14	2014-15
		Actual	Actual 6 months	Projected	Projected
1	Total Energy Delivered by Generating Stations in the state and interstate tie-lines to the Transmission system of the licensee	12,904	5,791		
2	Energy Delivered by Grid S/Ss to Distribution Licensees	12,668	5,687		
3	<b>Transmission Loss in system (1-2)</b>	236	104		
4	<b>Transmission loss in system (%) [(1-2)/1]</b>	<b>1.83%</b>	<b>1.79%</b>	<b>1.84%</b>	<b>1.82%</b>

Name of Transmission Licensee: PTCUL  
All figures in Rs. Crores  
Form 5

Transmission Availability Factor

S.No.	Particulars	2012-13	2013-14		2014-15
		Actual	6 month actual	estimated	Projected
1	Transmission Availability Factor	99.11%	99.30%	>99%	>99%

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 6

**Intra-State Transmission**

Income from investments, Non-tariff income and Other Business

S.No.	Particulars	Reference Form	(2011-12)	(2012-13)	(2013-14)	(2014-15)
			(Actuals/Audited)	(Actuals/Audited)	Projected	Projected
<b>A</b>	<b>Income from Investments</b>					
1	Interest Income from Investments		0.03	0.00		
2	Interest on Fixed Deposits					
3	Interest from Banks other than Fixed Deposits					
4	Interest on any other items					
	Sub-Total (a)			0.00		
<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		0.01	0.12		
4	Gain on Sale of Fixed Assets					
5	Income/Fee/Collections 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		2.30	1.39		
9	Misc. Charges from consumers					
	Sub Total (b)			1.51		
<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>		<b>2.34</b>	<b>1.51</b>	<b>1.30</b>	<b>1.37</b>

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 7

**Open Access Related Charges**

S.No.	Particulars	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	Ensuing Year (2015-16)
		(Actuals/Audited)	(Actuals/Audited)	Projected	Projected	Projected
1	Grid Support Charges	N.A				
2	Reactive Energy Drawl Charges					
3	Scheduling and system operations charges					
4	Inter-state transmission charges (for open access					
5	Handling and Service Charges					
6	Any other Levies as approved by the Commission					
	Total					

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 8

Operation & Maintenance Expenses

Intra State Transmission

S.No.	Item	(2011-12)	(2012-13)	(2013-14)	(2014-15)
		(Actuals/ Audited)	(Actuals/ Audited)	Projected	Projected
1	Employee Expenses	45.94	49.40	56.40	65.04
2	Administrative & General Costs	14.82	15.04	12.32	12.56
3	Repair & Maintenance Costs	18.03	20.51	26.23	29.77
	<b>Sub-Total (1 to 3)</b>	<b>78.79</b>	<b>84.95</b>	<b>94.96</b>	<b>107.38</b>

*Note: The O&M expenses are net of capitalization*

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 8.1

## Employee Expenses

	S.No.	Particulars	(2011-12)	(2012-13)	(2013-14)	(2014-15)
			(Actuals/ Audited)	(Actuals/ Audited)	Projected	Projected
<b>A</b>		<b>Employees' Cost (other than covered)</b>				
	1	Salaries	24.49	22.81	26.04	31.58
	2	Additional Pay/Dearness Allowance	10.72	14.38	16.42	19.91
	3	Other Allowances & Relief	2.37	2.80	3.20	3.88
	4	Interim Relief/Wage Revision	-	-	-	-
	5	Honorarium/Overtime	-	-	-	-
	6	Statutory Bonus/ Ex-Gratia	0.25	0.39	0.45	0.54
	7	Director's remuneration	0.38	0.54	0.62	0.75
		<b>Sub Total</b>	<b>38.21</b>	<b>40.92</b>	<b>46.72</b>	<b>56.65</b>
<b>B</b>		<b>Other Costs</b>				
	1	Medical Expenses Reimbursement	0.35	0.43	0.50	0.60
	2	Travelling Allowance (conveyance)	-	-	-	-
	3	Leave Travel Assistance	-	-	-	-
	4	Earned Leave Encashment	6.00	6.11	6.97	8.45
	5	Payment Under Workman's	-	0.00	0.00	0.00
	6	Subsidised Electricity to Employees	-	-	-	-
	7	Any Other Item	0.04	0.02	0.02	0.02
	8	Staff Welfare Expenses	0.02	0.04	0.04	0.05
		<b>Sub Total</b>	<b>6.41</b>	<b>6.60</b>	<b>7.53</b>	<b>9.13</b>
<b>C</b>		<b>Apprentice and Other Training</b>				
<b>D</b>		<b>Contribution to Terminal Benefits</b>				
	1	Provident Fund Contribution	2.14	2.43	2.77	3.36
	2	Provision for PF Fund	-	-	-	-
	3	Any Other Items	4.52	5.72	6.53	7.91
		<b>Total C</b>	<b>6.66</b>	<b>8.14</b>	<b>9.30</b>	<b>11.27</b>
<b>E</b>		<b>Grand Total</b>	<b>51.28</b>	<b>55.66</b>	<b>63.55</b>	<b>77.06</b>
<b>F</b>		<b>Employee expenses capitalised</b>	5.34	6.26	7.15	8.67
<b>G</b>		<b>Net Employee expenses (E-F)</b>	<b>45.94</b>	<b>49.40</b>	<b>56.40</b>	<b>68.39</b>
		Less:SLDC employee cost			-	3.35
		<b>Net PTCUL Employee Cost</b>	<b>45.94</b>	<b>49.40</b>	<b>56.40</b>	<b>65.04</b>
		Note: The total Employee expenses have been projected for the control period based on the previous year and allocated within subheads based on the past year allocation.				

Details of Number of Employee

S.No.	Item	(2011-12)	2012-13	(2013-14)	(2014-15)
		Actuals	Actuals	Estimated	Projected
5	<b>Technical (Officer/Managerial )</b>				
5.1	Grade I	64	65	60	58
5.2	Grade II	66	94	106	125
	Technical Staff				
5.3	Grade III	401	383	632	663
5.4	Grade IV	99	77	67	60
6	<b>Administrative (Officer/Managerial )</b>				
6.1	Grade I	3	5	5	5
6.2	Grade II	2	3	2	2
	Administrative Staff				
6.3	Grade III	129	95	161	168
6.4	Grade IV	39	37	33	29
7	<b>Accounts and Finance (Officer/Manag</b>				
7.1	Grade I	2	3	3	3
7.2	Grade II	3	4	6	6
	Accounts and Finance Staff				
7.3	Grade III	59	59	79	85
7.4	Grade IV				
8	<b>Total Number of employees</b>				
8.1	Grade I	69	73	68	66
8.2	Grade II	71	101	114	133
8.3	Grade III	589	537	872	916
8.4	Grade IV	138	114	100	89
	<b>Total Employees</b>	<b>867</b>	<b>825</b>	<b>1154</b>	<b>1204</b>

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 8.2

Intra State Transmission

## Repair and Maintenance Expenditure

S.No.	Item	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15
		(Actuals/ Audited)	(Actuals/ Audited)	Projected	Projected
1	Plant and Machinery	9.58	11.62	14.85	16.86
2	Building	2.34	1.71	2.19	2.49
3	Civil Works				
4	Hydraulic Works				
5	Lines, Cables, Networks etc.	6.10	7.15	9.14	10.38
6	Vehicles				
7	Furniture and Fixtures				
8	Office Equipments				
9	Station supplies				
10	Other Credits to R&M	0.01	0.03	0.04	0.05
	<b>Total (1 to 10)</b>	<b>18.03</b>	<b>20.51</b>	<b>26.23</b>	<b>29.77</b>



Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 8.3

**Intra State Transmission**

**Administrative & General Expenses**

S.No.	Item	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15
		(Actuals/ Audited)	(Actuals/ Audited)	Projected	Projected
<b>A</b>	<b>Administrative Expenses</b>			<b>9.54</b>	<b>10.18</b>
1	Rent Rates and Taxes	0.41	0.16		
	Lease/Rent				
	Rates & Taxes				
2	Insurance	0.00	0.00	2.00	2.00
3	Revenue Stamp Expenses Account				
4	Telephone, Postage, Telegram & Telex Charges	0.49	0.62		
5	Incentive & Award to Employees/Outsiders				
6	Consultancy Charges	0.43	0.37		
7	Technical Fees				
	UERC Fee			1.15	1.25
	Govt. Guarantee Fee				
8	Other Professional Charges	0.11	0.03		
9	Conveyance and Travelling	0.55	0.64		
10	License and Registration fee of				
	Plant and Machinery				
	Vehicles				
11	Vehicle Expenses (Other than Trucks and Delivery Vans)				
	Vehicles Running Expenses Petrol and Oil	0.31	0.64		
	Hiring of Vehicles	0.99	1.56		
12	Security/Service Charges Paid to Outside Agencies	2.63	3.61		
	Training Expense/ New initiative			1.00	1.00
	<b>Sub Total 'A' (1 to 12)</b>	<b>5.91</b>	<b>7.64</b>		

<b>B</b>	<b>Other Charges</b>				
1	Fee and Subscriptions Books and Periodicals	6.74	7.27		
2	Printing and Stationary	0.28	0.28		
3	Advertisement Expenses (Other than Purchase Related)	0.70	0.30		
4	Contributions/Donations to Outside Institutes/Associations				
5	Electricity Charges to Offices	0.08	0.20		
6	Water Charges	0.03	0.07		
7	Entertainment Charges				
8	Miscellaneous Expenses	2.34	0.84		
	<b>Sub Total 'B' (1 to 8)</b>	<b>10.17</b>	<b>8.97</b>		
<b>C</b>	<b>Legal Charges</b>	<b>0.05</b>	<b>0.05</b>		
<b>D</b>	<b>Auditor's Fee</b>	<b>0.16</b>	<b>0.12</b>		
<b>E</b>	<b>Material Related Expenses</b>				
	<b>Sub Total 'E' (1 to 8)</b>	<b>0.00</b>	<b>0.00</b>		
<b>F</b>	<b>Grand Total (A To E)</b>	<b>16.28</b>	<b>16.77</b>	<b>13.69</b>	<b>14.43</b>
G	A&G expenses capitalised	1.46	1.73	1.37	1.44
<b>H</b>	<b>Net A&amp;G Expenses (F-G)</b>	<b>14.82</b>	<b>15.04</b>	<b>12.32</b>	<b>12.99</b>
	Less: SLDC A&G expense			-	0.43
	<b>Net A&amp;G Expenses (PTCUL)</b>			<b>12.32</b>	<b>12.56</b>

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 9.1 Intra State Transmission

## Statement of Total Gross Fixed Asset

FY 2012-13

Particulars of Assets	Opening Balance	Additions	Retirement of	Closing balance
		Actual	Actual	
Old Assets	146.14			146.14
REC Old Scheme	86.28	8.98		95.26
NABARD Scheme	196.69	1.67		198.36
REC New Scheme	82.80	1.44		84.24
REC IV	24.26	22.85		47.11
REC V	53.04	59.41		112.45
REC VI		-		-
REC VII		-		-
REC VIII		-		-
REC IX		4.48		4.48
REC XI		16.91		16.91
Planned Schemes funded by PFC/REC	33.06	0.58		33.64
Grants, Deposit Works, etc.	62.34	1.47		63.81
Other Than Schemes (SI)	11.97	4.72		16.69
Less: Deletions	(42.28)	(3.45)		(45.73)
<b>Total</b>	<b>654.29</b>	<b>119.07</b>	<b>-</b>	<b>773.36</b>

**FY 2013-14**

Particulars of Assets	Opening Balance	Additions during the year	Retirement of Assets during the year	Closing balance
Old Assets	146.14			146.14
REC Old Scheme	95.26			95.26
NABARD Scheme	198.36			198.36
REC New Scheme	84.24			84.24
REC IV	47.11			47.11
REC V	112.45			112.45
REC VI	-			-
REC VII	-			-
REC VIII	-			-
REC IX	4.48			4.48
REC XI	16.91			16.91
Planned Schemes funded by PFC/REC	33.64		-	33.64
Grants, Deposit Works, etc.	63.81			63.81
Other Than Schemes (SI)	16.69			16.69
Less: Deletions	(45.73)			(45.73)
<b>Total</b>	<b>773.36</b>	<b>117.98</b>	<b>-</b>	<b>891.34</b>

**FY 2014-15**

Particulars of Assets	Opening Balance	Additions during the year	Retirement of Assets during the year*	Closing balance
Old Assets	146.14			146.14
REC Old Scheme	95.26			95.26
NABARD Scheme	198.36			198.36
REC New Scheme	84.24		13.61	70.63
REC IV	47.11			47.11
REC V	112.45			112.45
REC VI	-			-
REC VII	-			-
REC VIII	-			-
REC IX	4.48			4.48
REC XI	16.91			16.91
Planned Schemes to be funded by PFC/REC	33.64			33.64
Grants, Deposit Works, etc.	63.81			63.81
Other Than Schemes (SI)	16.69	12.86		29.55
Less: Deletions	(45.73)			(45.73)
<b>Total</b>	<b>891.34</b>	<b>180.63</b>	<b>13.61</b>	<b>1,058.37</b>
*SLDC assets				

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 9.2

Intra State Transmission

Deposit works and grants/subsidies towards cost of

S.No.	Particulars	2011-12 (as per MYT Order)			(2012-13)		(2013-14)		(2014-15)	
		Balance at the start of the year	Additions during the year	Closing Balance	Additions during the year	Closing Balance	Additions	Closing Balance	Additions	Closing Balance
1	Consumer Contribution/Deposit works towards cost of capital assets	39.32	23.02	62.34	1.47	63.81	-	63.81	-	63.81
2	Grants/subsidies towards cost of capital assets			-		-		-		-
	<b>Total</b>	<b>39.32</b>	<b>23.02</b>	<b>62.34</b>	<b>1.47</b>	<b>63.81</b>	<b>-</b>	<b>63.81</b>	<b>-</b>	<b>63.81</b>

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Statement of GFA funded through Deposit Works/Capital Subsidy/Grant

FY 2012-13

Particulars of Assets	Opening Balance	Additions during the	Retirement of Assets	Closing balance
Land				
Building				
Civil Works				
Hydraulic Works				
Lines, Cables, Networks etc.				
Vehicles				
Furniture and Fixtures				
Office Equipments				
Station supplies				
Others				

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 9.4

Statement of GFA excluding Assets funded through Deposit Works/Capital Subsidy/Grant

FY 2012-13

Particulars of Assets	Opening Balance	Additions during the year	Retirement of Assets during the year	Closing balance
Land	N.A.			
Building				0
Civil Works				0
Hydraulic Works				0
Lines, Cables, Networks etc.				0
Vehicles				0
Furniture and Fixtures				0
Office Equipments				0
Station supplies				0
Others				0



Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 10.1

## Asset Wise Depreciation

FY 2012-13

Particulars of Assets	Opening GFA 2012-13	Additions during the year	Closing Assets	Depreciation
Land	39.30	1.53	40.83	1.09
Building	45.14	21.53	66.67	0.93
Civil Works	2.99	2.25	5.25	0.08
Hydraulic Works	1.19	0.16	1.35	0.02
Plant and Machinery	383.12	82.57	465.70	14.33
Lines, Cables, Networks etc.	465.83	13.72	479.55	11.48
Vehicles	0.77	0.07	0.84	0.00
Furniture and Fixtures	1.13	0.55	1.68	0.07
Office Equipments	1.42	0.14	1.56	0.09
Station supplies				
Others				
<b>Total</b>	<b>940.91</b>	<b>122.52</b>	<b>1,063.42</b>	<b>28.09</b>

Depreciation Rate for FY 2012-13

2.99%

Intra State Transmission

Depreciation for FY 2012-13

As per UERC Tariff Regulations 2004

Particulars	Opening GFA as on 1.4.2011	Grants	Depreciable Opening GFA	Additions in FY 2012-13	Grants	Depreciable GFA of Additions	Total Depreciation (2.99% of avg GFA)
Old Assets	146.14		146.14	-		-	4.36
REC Old Scheme	86.28		86.28	8.98		8.98	2.71
NABARD Scheme	196.69		196.69	1.67		1.67	5.90
REC New Scheme	82.80		82.80	1.44		1.44	2.49
REC IV	24.26		24.26	22.85		22.85	1.07
REC V	53.04		53.04	59.41		59.41	2.47
REC-VI	-		-	-		-	-
REC-VII	-		-	-		-	-
REC-VIII	-		-	-		-	-
REC-IX	-		-	4.48		4.48	0.07
REC-XI	-		-	16.91		16.91	0.25
Planned Schemes to be funded by PFC/REC	33.06		33.06	0.58		0.58	1.00
Grants, Deposit Works, etc	62.34	62.34	-	1.47	1.47	-	-
Other than schemes	11.97		11.97	4.72		4.72	0.43
Less: Deletion	(42.28)		(42.28)				(1.23)
<b>Total</b>	<b>654.30</b>	<b>62.34</b>	<b>591.96</b>	<b>122.52</b>		<b>121.05</b>	<b>19.51</b>

Depreciation for FY 2013-14

As per UERC Tariff Regulations 2011

Particulars	Opening GFA as on 1.4.2013	Grants	Depreciable Opening GFA	Additions in FY 2013-14	Grants	Depreciable GFA of Additions	Total Depreciation (5.28% of avg GFA)
Old Assets	146.14		146.14				
REC Old Scheme	95.26		95.26				
NABARD Scheme	198.36		198.36				
REC New Scheme	84.24		84.24				
REC IV	47.11		47.11				
REC V	112.45		112.45				
REC-VI	-		-				
REC-VII	-		-				
REC-VIII	-		-				
REC-IX	4.48		4.48				
REC-X	16.91		16.91				
Planned Schemes to be funded by PFC/REC	33.64		33.64				
Grants, Deposit Works, etc	63.81	63.81	-				
Other than schemes	16.69		16.69				
Less: Deletion	(45.74)		(45.74)				
<b>Total</b>	<b>773.36</b>	<b>63.81</b>	<b>709.55</b>	<b>117.98</b>	<b>-</b>	<b>117.98</b>	<b>40.58</b>

**Depreciation for FY 2014-15**

Particulars	Opening GFA as on 1.4.2014	Grants	Depreciable Opening GFA	Additions in FY 2014-15	Grants	Depreciable GFA of Additions	Total Depreciation (5.28% of avg GFA)
Old Assets	146.14		146.14	167.77			
REC Old Scheme	95.26		95.26				
NABARD Scheme	198.36		198.36				
REC New Scheme	84.24		84.24				
REC IV	47.11		47.11				
REC V	112.45		112.45				
REC-VI	-		-				
REC-VII	-		-				
REC-VIII	-		-				
REC-IX	4.48		4.48				
REC-X	16.91		16.91				
Planned Schemes to be funded by PFC/REC	33.64		33.64				
Grants, Deposit Works, etc	63.81	63.81	-	-			
Other than schemes	16.69		16.69	12.86			
Less: Deletion	(45.74)		(45.74)				
Less: SLDC	(13.61)		(13.61)				
<b>Total</b>	<b>877.73</b>	<b>63.81</b>	<b>813.92</b>	<b>180.63</b>		<b>180.63</b>	<b>47.74</b>

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 10.2

**Statement of Depreciation**

Financial Year	2012-13	2013-14	2014-15	2015-16
<b>Depreciation on Capital Cost</b>				
Depreciation on Additional Capitalisation	N.A.			
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>Cumulative Depreciation and Advance Against Depreciation recovered upto the year</b>				

Name of Transmission Licensee: PTCUL  
 All figures in Rs. Crores  
 Form 11.1

Statement of Capital Expenditure

Particulars	FY of Capitalisation	FY 2011-12 (Actual/Audited)	FY 2012-13 Total (Apr-Mar)	FY 2013-14 Projected	FY 2014-15 Projected
A) Expenditure Details					
Land					
Buildings					
Major Civil Works		N.A.			
Plant and Machinery					
Lines and cable Network					
Vehicles					
Furniture and Fixtures					
Office Equipment & Other Items					
Total (A)					
B) Break up of sources of financing					
Rupee Term Loan					
Debt 1					
Debt 2					
Foreign Currency Loan					
Debt 1					
Debt 2					
Equity					
In Rupees					
In Foreign Currenct					
Others					
Total (B)					

Name of Transmission Licensee: PTCUL  
 All figures in Rs. Crores  
 Form 11.2

Statement of Capital Works in Progress  
 Intra State Transmission Schemes

S.No	Particulars	FY of Capitalisation	(2011-12)	(2012-13)	FY 2013-14	FY 2014-15
			Approved in MYT Order	Total (Apr-Mar)	Projected	Projected
1	Opening balance of CWIP		299.83	139.90	154.42	219.98
2	Add: New Investment					
	Capital Expenditure		91.77	137.04	183.54	278.02
	Expenses Capitalised					
	Interest During Construction				0.00	0.00
3	Less: Investment Capitalised		251.70	122.52	117.98	180.63
4	Closing Balance of CWIP		139.90	154.42	219.98	317.37

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Intra State Transmission

Break-up of Scheme-wise Capital Expenditure for Existing and New Schemes

Name of the Line/Sub-Station

Particulars	Total Expenditure Approved by UERC for the control period	Equity (%)	Total Expenditure Incurred upto Sep 2013	Total Expenditure supposed to be incurred in FY 14, as per the approved plan	Proposed as per Plan	
					FY 2013-14	FY 2014-15
1	2		6	7	10	11
<b>A) Expenditure Details</b>						
Old Assets	-					
REC Old Scheme	9.92	24.50%	4.13	5.97	5.97	3.95
NABARD Scheme	-	22%	0.02	-		
REC New Scheme	42.72	0	13.37	34.37	34.37	8.35
REC IV	44.20	30%	19.80	44.20	44.20	-
REC V	-	30%	0.01	-	-	-
REC VI	34.64	30%		10.40	10.40	18.00
REC VII	64.38	30%		7.93	7.93	33.41
REC VIII	35.18	30%		-	-	19.70
REC IX	-	30%		-	-	-
REC X	115.63	30%		20.07	20.07	95.56
Planned Schemes to be funded by	-	30%		-		
REC Augment	160.80			60.61	60.61	86.19
NEW PFC Intra state	-			-		
Grants, Deposit Works, etc.	-			-		
Additional Capital R&M Schemes		30%		-		12.86
Deletion of assets	-			-		
<b>Total (A)</b>	<b>507.47</b>		<b>37.32</b>	<b>183.54</b>	<b>183.54</b>	<b>278.02</b>
				-		
<b>B) Break up of sources of financing</b>						
a) Loans/Borrowings	425.82		26.05	157.30	157.30	223.19
b) Equity	94.50		11.28	26.24	26.24	54.83
c) Others				-		
<b>Total (B)</b>	<b>520.32</b>		<b>37.33</b>	<b>183.54</b>	<b>183.54</b>	<b>278.02</b>



Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 13(a Intra State Transmission)

Details of Capital Cost and Financing Structure

Year Ending March	FY of Capitalisation	FY 2012-13	FY 2013-14	FY 2014-15
		Estimated	Projected	Projected
<b>Basic Project Financial Parameters</b>				
Capital Cost		654.29	773.36	891.34
Addition during the year (excluding IDC)		122.52	117.98	180.63
Deletion during the year		(3.45)	-	-
<b>Gross Capital Cost (A)</b>		<b>773.36</b>	<b>891.34</b>	<b>1,071.97</b>
Equity against Original Project Cost		35.45	68.65	91.04
Addition during the year		33.20	22.39	35.70
Equity Sub total (B)		68.65	91.04	126.74
Debt outstanding against the original Capital Cost		299.61	384.17	479.76
New loans added during the year		84.56	95.59	144.93
Debt Sub-Total ©		384.17	479.76	624.69
Grants against original project cost		62.34	63.81	63.81
Addition during the year		1.47	-	-
Grants Sub-Total (D)		63.81	63.81	63.81
<b>Total Financing (B+C+D)</b>		<b>516.63</b>	<b>634.61</b>	<b>815.25</b>

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 14

Intra State Transmission

Details of Financial Packages

FY 2012-13

Actual

Sources of Funds	Scheme	Amount as per Audited Accounts	Terms of Repayment	Grace Period	Interest Rate/ Return on Equity	% of Total Debt
		(Rs. In Crore)	(Years)	(Years)	(%)	(%)
(A) Debt						
Indian:						
REC Old Scheme		36.81			10.8%	7%
NABARD Scheme		43.62			6.5%	8%
REC-II Scheme		73.26	10	3	9.3%	14%
REC-III Scheme		70.42	10	3	11.5%	14%
REC-IV Scheme		68.10	10	3	12.5%	13%
REC-V Scheme		62.74	10	3	11.0%	12%
REC 6					12.0%	0%
REC 7						0%
REC 8						0%
REC 9			10	3	13.0%	0%
REC 10		1.82	10	3	13.0%	0%
REC 11		12.13	10	3		2%
New PFC		98.30			11.5%	19%
REC Augment		47.80	10	3	13.0%	9%
<b>Total Loan (A)</b>		<b>514.99</b>				100%
(B) Equity						
Foreign:						
Indian:		68.65			14%	
<b>Total Equity (B)</b>		<b>68.65</b>				
© Grants						
Foreign:						
Indian:		63.81				
Total Grant ©		63.81				
<b>Total Financing (A+B+C)</b>		<b>647.46</b>				

Financing of Capex for the FY 2013-14 and FY 2014-15 has been considered as approved by the Commission in the MYT order. The actual would be provided to the Commission at the time of true-up of respective years

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 15.1

Details of Financial Packages

FY 2012-13

As per Audited Accounts

Loan Agency (Source of Loan)	Rate of Interest (%)	Repayment period (years)	Balance at the beginning of the year	Amount received during the year	Principle due during the year	Principal redeemed during the year	Principle overdue at the year end	Principle Due at the year end
	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(6)-(7)	(9) = (4) + (5) +(6)
A. Other than State Govt.								
NABARD Loan	6.50%		80.91	-		37.29		43.62
REC Loan	11.12%		309.27	68.07		30.37		346.96
PFC Loan	11.39%		94.23	30.68		0.50		124.41
REC STL	12.75%		8.73	23.00		4.36		27.36
<b>Sub Total (A)</b>			<b>493.14</b>	<b>121.75</b>	<b>-</b>	<b>72.53</b>	<b>-</b>	<b>542.35</b>
B. Government Loans								
Type 1								
Type 2								
Type 3 etc.								
Sub Total (B)			-	-	-	-	-	-
Sub Total (A+B)			493.14	121.75	-	72.53	-	542.35
C. Normative Loans								
<b>Total (A+B+C)</b>			<b>493.14</b>	<b>121.75</b>	<b>-</b>	<b>72.53</b>	<b>-</b>	<b>542.35</b>

**Ensuing year 2013-14**

Loan Agency (Source of Loan)	Rate of Interest (%)	Repayment period (years)	Balance at the beginning of the year	Amount received during the year	Principle due during the year	Principal redeemed during the year	Principle overdue at the year end	Principle Due at the year end
	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(6)-(7)	(9) = (4) + (5) +(6)
A. Other than State Govt.								
Loan 1 (name of lender)								
Loan 2 (Name of Lender)								
Loan 3 etc.								
<b>Sub Total (A)</b>			<b>542.35</b>	<b>95.59</b>	<b>-</b>	<b>40.58</b>	<b>-</b>	<b>597.37</b>
B. Government Loans								
Type 1								
Type 2								
Type 3 etc.								
Sub Total (B)			-	-	-	-	-	-
Sub Total (A+B)			542.35	95.59	-	40.58	-	597.37
C. Normative Loans								
Total (A+B+C)			542.35	95.59	-	40.58	-	597.37

**Ensuing Year 2014-15**

Loan Agency (Source of Loan)	Rate of Interest (%)	Repayment period (years)	Balance at the beginning of the year	Amount received during the year	Principle due during the year	Principal redeemed during the year	Principle overdue at the year end	Principle Due at the year end
	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(6)-(7)	(9) = (4) + (5) +(6)
A. Other than State Govt.								
Loan 1 (name of lender)								
Loan 2 (Name of Lender)								
Loan 3 etc.								
<b>Sub Total (A)</b>			<b>597.37</b>	<b>144.93</b>	<b>-</b>	<b>47.74</b>	<b>-</b>	<b>694.56</b>
B. Government Loans								
Type 1								
Type 2								
Type 3 etc.								
Sub Total (B)			-	-	-	-	-	-
Sub Total (A+B)			597.37	144.93	-	47.74	-	694.56
C. Normative Loans								
Total (A+B+C)			597.37	144.93	-	47.74	-	694.56

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 15.2

Calculation of Weighted Average Interest Rate of Interest on Actual Loans

Particulars	FY 2012-13	FY 2013-14
	Actuals	Actual 6 months
<b>REC Loan</b>		
Net Loan - Opening	309.27	346.96
Add: Drawl(s) during the year	68.07	13.37
Less: Repayment(s) of Loan during the year	30.37	1.29
Net Loan - Closing	346.96	359.04
Average Net Loan	328.11	353.00
Rate of Interest on Loan on Annual Basis	11.1%	11.7%
Interest on Loan	36.50	20.74
<b>NABARD Loan</b>		
Net Loan - Opening	80.91	43.62
Add: Drawl(s) during the year	-	-
Less: Repayment(s) of Loan during the year	37.29	5.05
Net Loan - Closing	43.62	38.57
Average Net Loan	62.27	41.09
Rate of Interest on Loan on Annual Basis	7.4%	6.7%
Interest on Loan	4.63	1.37

Particulars	FY 2012-13	FY 2013-14
	Actuals	Actual 6 months
<b>REC Loan</b>		
<b>PFC Loan</b>		
Net Loan - Opening	94.23	124.41
Add: Drawl(s) during the year	30.68	-
Less: Repayment(s) of Loan during the year	0.50	0.94
Net Loan - Closing	124.41	123.47
Average Net Loan	109.32	123.94
Rate of Interest on Loan on Annual Basis	11.4%	12.7%
Interest on Loan	12.45	7.90
<b>REC STL</b>		
Net Loan - Opening	8.73	27.36
Add: Drawl(s) during the year	23.00	-
Less: Repayment(s) of Loan during the year	4.36	13.68
Net Loan - Closing	27.36	13.68
Average Net Loan	18.05	20.52
Rate of Interest on Loan on Annual Basis	4.7%	11.8%
Interest on Loan	0.85	1.21

Particulars	FY 2012-13	FY 2013-14
	Actuals	Actual 6 months
<b>REC Loan</b>		
<b>Total Loan</b>		
Net Loan - Opening	493.14	542.35
Add: Draw(s) during the year	121.75	13.37
Less: Repayment(s) of Loan during the year	72.53	20.96
Net Loan - Closing	542.35	534.76
Average Net Loan	517.75	538.56
Rate of Interest on Loan on Annual Basis		
Interest on Loan	54.44	31.22
<b>Weighted Average Rate of Interest on Loans</b>	10.5%	11.6%



Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 15.3

## Calculation of Interest on Normative Loan

## Intra State Transmission

Particulars	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15
	As approved in MYT Order	As per Actual	Projected	Projected
Gross Normative Loan - Opening				
Cumulative payments of Normative Loan upto Previous year				
Net Normative Loan - Opening	205.65	299.61	311.64	366.65
Less: SLDC Loan				13.61
Increase or Decrease during the year	131.41	84.56	95.59	144.93
Less: Repayment of Normative Loan during the year	37.45	72.53	40.58	47.74
<b>Net Normative Loan - Closing</b>	<b>299.61</b>	<b>311.64</b>	<b>366.65</b>	<b>450.23</b>
Average Normative Loan	252.63	305.62	339.14	408.44
Weighted Average rate of interest on actual loan on annual basis	10.2%	10.5%	11.6%	11.6%
Interest on Normative loan	25.77	32.13	39.32	47.35
Interest Charged to Capital (IDC)				
Interest charged to revenue	25.77	32.13	39.32	47.35
Guarantee Fee	1.36	0.89	1.29	1.74

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 16: Interest and Finance Charges

Intra State Transmission

S No.	Loan Details	FY 2012-13	2013-14	2014-15
		Total (Apr-Mar)	Projected	Projected
<b>B</b>	<b>Interest on Long Term Loans/Credits from the Fis/Banks/Organizations approved by the state Govt.</b>			
	NABARD Loan	4.63		
	REC Loan	36.50		
	PFC Loan	12.45		
	REC STL	0.85		
	<b>Sub-Total B</b>	<b>54.44</b>		
<b>C</b>	<b>Normative Loans</b>			
<b>D</b>	<b>Total Interest Charges (Considering Normative Loans)*</b>	<b>32.13</b>	<b>39.32</b>	<b>47.35</b>
<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>32.13</b>	<b>39.32</b>	<b>47.35</b>
<b>G</b>	<b>Less: Interest &amp; Finance Charges chargeable to Capital Account</b>	0.00	0.00	0.00
<b>H</b>	<b>Total Interest and finance charges chargeable to revenue account (F-G)</b>	<b>32.13</b>	<b>39.32</b>	<b>47.35</b>

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 17

Details of Interest on Working Capital

**Intra State Transmisson**

S No.	Particulars	(2012-13)	(2013-14)	(2014-15)
		Total (Apr-Mar)	Projected	Projected
1	O&M Expenses for a month	7.01	7.91	8.95
2	Spares (15% of annual O&M Expenses)	9.94	14.24	16.11
3	Receivables - 2 Months	30.19	33.29	39.23
4	Total working Capital (1+2+3)	47.14	55.45	64.29
5	Working Capital Loan	47.14	55.45	64.29
6	Normative Interest Rate (%)	14.75%	14.45%	14.45%
7	Normative Interest on Working Capital (5 X 6)	<b>6.95</b>	<b>8.01</b>	<b>9.29</b>

	Interest on Additional Funding (TDS impact)	2012-13	2013-14	2014-15
	Opening Outstanding of Transmission Charges	-	15.13	34.69
	Addition during the Year (10% of ARR)	15.13	19.56	23.54
	Adjustment at the time of assessment	-		15.13
	Closing Outstanding	15.13	34.69	43.10
	Interest Rate on Short-term WC loans	14.75%	14.45%	14.45%
	Addition WC interest liability	1.12	3.60	5.62

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 18

Investment Plan

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
		2	3	4	5
I	400 kV Lines				6
	Sub Total (I) (400 kV Lines)				
II	400 kV Sub Stations				
	Sub Total (II) (400 kV S/S)				
III	220 kV Lines:				
	Sub Total (III) (220 kV Lines)				
IV	220 kV Sub Stations				
	Sub Total (IV) (220 kV S/S)				
V	132 kV Lines:				
	Sub Total (V) (132 kV Lines)				
VI	132 kV Sub Stations				
	Sub Total (VI) (132 kV S/S)				
VII	Misc. Works				
	1				
	2				
	3				
	Sub Total (VII) (Misc. Works)				
	Grand Total (I..VII)				

Considered as per the approved Business Plan for PTCUL

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Investment Plan

## Part A: Actual Transmission Works Capitalized in FY 2012-13

S. No.	Name of Scheme	Amount Capitalized
1	2	3
a	REC II	1.44
b	REC I & III	8.98
c	NABARD	1.67
d	REC IV	22.85
e	REC V	59.41
f	REC XI	16.91
g	REC IX	4.48
h	PFC	0.58
i	<b>TOTAL</b>	<b>116.33</b>
j	Add:- Capital R&M works	4.72
k	Add:- Deposit works	1.47
<b>I</b>	<b>Total Capitalisation</b>	<b>122.52</b>

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Status of Physical/Financial progress &amp; capital expenditure incurred up to 31st August, 2013

## Part A: Progress upto August 2013

Sr. No.	Name of Scheme	Name of Work	UITP/Non-UITP	Actual/Proposed completion date	Project Cost/ Revised Project Cost	Target Date of Completion	Capital Expenditure up to 31st August, 2013	Progress
1	ADB Schemes	400 KV S/s Srinagar (400/220 kV – 2x315 MVA; 220/132 kV – 2x160 MVA)	UITP	Mar-14	172.08	Sep-13	88.41	73%
2		220 KV Tapovan – Joshimath	UITP	Oct-13	33.47	Mar-14	2.46	10%
3		220 KV Joshimath - Pipalkoti Line	UITP	Oct-13	88.25	Jun-14	6.06	
4	REC Old	Construction of 132 kV Srinagar-Satpuli Line	Non-UITP	Energised on 26.6.2013	54.23	Feb-13	57.21	100%
5	REC New	Construction of 132 KV Bay Ranikhet-Pithoragarh	Non-UITP	Energised on 24-09-2012	1.68		0.84	100%
6		LILO of 132 kV Almora - Pithoragarh line at 220 kV S/s at Pithoragarh (Power Grid)	Non-UITP	Sep-13	5.46	Mar-13	7.64	90%
7		Construction of 132 kV S/s Srinagar-II	Non-UITP	Dec-13	19.77	Jun-13	14.13	18%
8		Construction of SLDC at Rishikesh and 2 Nos Sub SLDC at Kashipur and Dehradun and its associated communication network	Non-UITP	Completed on May-13	16.11		9.34	90%
9	REC-IV	18 No. 33KV Bays	Non-UITP	-	2.73		0.80	100%
10		132 KV bay at Kicha.	Non-UITP	Energised on 15-02-12	0.67		0.67	100%
11		132 KV S/S Sitarganj (SIDCUL) 80MVA	Non-UITP	Energised on 9-10-12	18.04	Energised on 9.10.2012	15.72	100%
12		132 KV DC Line from 132 kV S/S Sidcul to 132 kV Sitarganj Kicha line	Non-UITP	Sep-13	9.00	Energised on 9.10.2012	8.32	95%

Sr. No.	Name of Scheme	Name of Work	UITP/Non-UITP	Actual/Proposed completion date	Project Cost/ Revised Project Cost	Target Date of Completion	Capital Expenditure up to 31st August, 2013	Progress
13		132 KV Purkul - Bindal Link Line (11.5KM)	Non-UITP	Dec-13	5.24	Mar-13	4.20	53%
14		LILO of 220 KV Khodri-Rishikesh Line at 220 KV Dehradun	Non-UITP	Sep-13	1.09	Mar-13	0.55	40%
15	REC-IV	220 KV S/S Dehradun (320 MVA) involving works of (2x160 MVA of 220/132 and 2x40 MVA of 132/33kV)	Non-UITP	Oct-13	51.73	Jun-13	37.03	85%
16		LILO of 132 KV Purkul - Dhalipur line at 220 KV Dehradun (2.5 Km)	Non-UITP	Nov-13	0.8	Jun-13	-	
17		LILO of 132 KV Kulhal - Mazra line at 220 KV Dehradun	Non-UITP	Nov-13	0.8	Jun-13	-	
18		132 KV S/S Haridwar Road Dehradun (80 MVA)	Non-UITP	Dec-13	24.93	Jun-13	3.81	65%
19		LILO of 132 KV Mazra - Rishikesh Line at 132 KV Dehradun	Non-UITP	Sep-13	1.74	Jun-13	0.08	30%
20	REC-V	220 kV DC Line from 400 KV Kashipur S/S to 220 kV Mahuakheraganj (10Km)	Non-UITP	Sep-13	15.45	Mar-13	12.64	82%
21		2 Nos. 132 KV Bay at Purkul & Bindal	Non-UITP	Sep-13	1.91		1.38	132 KV Bay at Bindal energized on 12.05.2011
22		2 No. 220KV BAY AT 400 kv s/S Kashipur	Non-UITP	Sep-13	5.48		3.59	95%
23	REC-IX	Stringing of 2nd Circuit of Berhani-Pantnagar Line	Non-UITP	Energised on 31-01-13	8.74	Mar-13	4.50	100%
24	System Improvement	220 KV S/s Roorkee by 220/33 KV 2x50 MVA Transformer alongwith 220 KV & 33 KV bays	Non-UITP	Completed on Oct-12	11.42		11.42	100%
25	System Improvement	Increasing capacity of 440/220 KV Rishikesh S/s from 2x240 MVA to 1x240+1x315 MVA	Non-UITP	Sep-13	12.50		8.00	100%

**Name of Transmission Licensee: PTCUL****All figures in Rs. Crores****Summary for Truing Up****Provisional Truing-up FY 2012-13**

S. No.	Particulars	Approved	Actual	Variation	Reasons for Variation
a)	Repair & Maintenance	13.45	20.51		FY10-11 base considered for projection. Asset addition of approx Rs. 360 Cr during FY12 & FY13
b)	Employees Cost	58.75	49.40		No arrears in the FY 12-13
c)	Admin & General Expenses	14.27	14.14		
d)	Add O&M for new assets	1.79			
<b>1</b>	<b>Total O&amp;M</b>	<b>88.26</b>	<b>84.06</b>	<b>4.20</b>	
2	Depreciation	16.59	19.51	(2.92)	Based on approved closing assets for FY 2011-12 and addition during FY12-13
3	Interest & Finance Charges	25.31	32.13	(6.82)	No capex considered, hence loan was approved to be reducing
4	Prior Period Expenses	-	-	-	
5	Interest on Working Capital	5.74	6.95	(1.21)	Actual SBI PLR being 14.50% as compared with approved 13.25%
6	Guarantee Fee	3.93	0.89	3.04	
7	Interest on Additional WC due to TDS		1.12	(1.12)	10% deduction of TDS by UPCL
8	Advance against Depreciation	21.21	33.05	(11.84)	On account of higher repayment of loans
<b>9</b>	<b>Total Expenditure</b>	<b>161.04</b>	<b>177.71</b>	<b>(16.67)</b>	
10	Statutory Return/ RoE	0.17	4.96	(4.79)	Equity for assets capitalized during FY11-12 has been considered as the equity is not from PDF
<b>11</b>	<b>Revenue Required</b>	<b>161.22</b>	<b>182.68</b>	<b>(21.46)</b>	
12	Truing up for past years			-	
<b>13</b>	<b>Gross Revenue Requirement</b>	<b>161.22</b>	<b>182.68</b>	<b>(21.46)</b>	
14	Other Income	1.24	1.51	(0.27)	
<b>15</b>	<b>Net Revenue Required</b>	<b>159.98</b>	<b>181.17</b>	<b>(21.19)</b>	



Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 21.1

## 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	325
3	Backlog/shortfall at the end of previous year (1-2)	50
4	Additional Requirement for the Current Year	40
5	Total Capacity required to be added during the current year (3+4)	90
6	Actual installed during first half of Current year	0
7	Target for the 2nd half of Current year	60
8	Total Capacitors likely to be added during Current Year (6+7)	60
9	Total capacity likely to be available by the end of current year (2+8)	385
10	Short fall if any (5-9)	10
<b>Repair of Defective Shunt Capacitors</b>		
11	At the end of the end of previous year	20
12	Net Capacity Available by the end of previous year (2-11)	305
13	Capacitors damaged during 1st half of the current year	20
14	Capacitors repaired during 1st half of the current year	20
15	Net Capacity Available by the end of 1st half of the year (12-13+14)	305
16	Target level of damaged capacitors by the end of current year	0
17	Net Capacity Likely to be Available by the end of current year (9-16)	385
18	Net Shortfall, by the end of the year (5-17)	10

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 21.2

Shunt Capacitor Addition/Repair Program

Type of Accident	No. of Accidents					
	Previous year (2012-13)			Current year (2013-14)		
	FATAL	NON FATAL	Total	FATAL	NON FATAL	Total
HUMAN	0	0	0	1	0	1
ANIMAL	0	0	0	1	0	1
Total	0	0	0	2	0	2

Name of Transmission Licensee: PTCUL

All figures in Rs. Crores

Form 21.3

Failure of Transformers

Sl. No.	Item	Preceding Year (2012-13)			Current Year (2013-14) 6 months		
		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)	3	0	0	3	0	0
2	Transformation Ratio 2 (220/132)	14	0	0	14	0	0
3	Transformation Ratio 3 (220/33)	4	0	0	4	0	0
4	Transformation Ratio 4 (132/33)	68	0	0	68	0	0
5	Transformation Ratio 5 (132/66)	5**	0	**	5**	0	**
<b>Average duration of Interruption</b>							
6	Average duration of interruption per transformer for transformation ratio 1	-	-	-	-	-	-
7	Average duration of interruption per transformer for transformation ratio 2	-	-	-	-	-	-
8	Average duration of interruption per transformer for transformation ratio 3	-	-	-	-	-	-
9	Average duration of interruption per transformer for transformation ratio 4	-	-	-	-	-	-
10	Average duration of interruption per transformer for transformation ratio 5	-	-	**	-	-	-

\*\* 132/66kV, 20MVA T/F's had its 132kV and 66kV bushings damaged on 04.05.2012. Ratio conversion on the same to 132/33kV, 20MVA is under process