

पावर ट्रांसमिशन कारपोरेशन ऑफ उत्तराखण्ड लि०

(उत्तराखण्ड सरकार का उपक्रम)

निदेशक (परियोजना) कार्यालय

विद्युत भवन, नजदीक-आई०एस०बी०टी० क्रॉसिंग, सहारनपुर रोड, माजरा, देहरादून-248002  
दूरभाष नं० 0135-2645753 फैक्स नं० 0135-2645753 ई-मेल shrawan\_k\_sharma@ptcul.org

No. 380/Dir. (Projects)/PTCUL/ MYT

Date: 04/03/2016

To,

The Secretary  
Uttarakhand Electricity Regulatory Commission  
"Vidyut Niyamak Bhawan",  
Near I.S.B.T., P.O. Majra  
Dehradun (Uttarakhand)

Sub: Record Note of Meeting held on 03.03.2016 regarding review of the status of capital works proposed by PTCUL in the MYT Petition for FY 2016-17 to FY 2018-19.

Sir,

Kindly take reference of Hon'ble UERC letter no UERC/6/TF-286/15-16/2016/1805 dated 04.03.2016 vide which the record note of the above subjected meeting was provided for necessary compliance.


In compliance of the same, Updated status of capital expenditures and revised capitalization of Projects and for FY 2015-16, FY 2016-17 & FY 2017-18 by PTCUL is being submitted herewith as directed by the Hon'ble Commission.

Submitted for kind consideration of the Hon'ble Commission.

Encl: As above.

Thanking you,

Yours Faithfully,

  
(S.K. Sharma)  
Director (Projects)

Cc:-

1. PS to MD, PTCUL for kind information of Managing Director, PTCUL.

# Clarification sought by the commission


## 1. Commission's query

The Hon'ble commission has asked to revisit the capitalisation plan for the control period and submit the revised plan with changes, if any. The Hon'ble commission has also asked for the status of the projects included in the business plan.

## Petitioner's response

The Hon'ble commission is hereby informed that based on the discussion held with the Hon'ble commission on 03.03.2016, the following changes have been made in the capitalisation plan:

S.No.	Name of project	Previous date of capitalisation	Revised date of capitalisation
1	Construction of 132 KV S/C line from 220 KV Sidcul S/s to 132 KV Jwalapur S/s and 2 Nos associated bays.	16/03/2016	16/03/2017
2	Increasing capacity 132 KV Jwalapur 2X40 MVA (132/33 KV) to 3X40 MVA (132/33 KV) at 132 KV S/S Jwalapur	31/01/2016	30/12/2015
3	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.	31/01/2016	25/12/2015
4	Replacement of 132/33 KV 40 MVA transformer at 132 KV S/s Roorkee	31/01/2016	15/09/2016
5	Construction of 2X40 MVA 132/33 KV Chudiyala S/s and its LILO line	16/12/2015	16/12/2015
6	Increasing capacity of 220 KV S/s Rishikesh from 2X160 MVA to 3X160 MVA and associated bays.	16/08/2016	16/05/2016
7	Augmentation of 220/33 KV S/s to 220/132 KV S/s with additional 2X 100 MVA transformers at Piran Kaliyar.	16/12/2016	16/03/2017
8	Replacement of 132 KV Roorkee-Manglore line conductor by new AAAC/ HTLS conductor at 132 KV S/S Manglore	16/12/2016	16/03/2017
9	Increasing capacity of 132/33 KV S/S Srinagar from 1X20 MVA+1X40 MVA to 2X40 MVA	16/12/2016	16/03/2017
10	Increasing capacity of 132/66 KV S/S Srinagar from 1X20 MVA+1X15 MVA to 2X20 MVA	16/12/2016	16/03/2017
11	Replacement of old 1X20 MVA transformer by new 1X20 MVA transformer Simli.	15/12/2016	16/03/2017
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.)	16/12/2016	16/03/2017
13	Proposed 220 KV Puhana- Piran Kaliyar D/C line	17/03/2018	17/03/2017
14	Increasing capacity of 2X25 MVA to 1X25+1X50 MVA at 220 KV S/S Chamba	17/06/2017	17/05/2016
15	132 KV D/C Srinagar -Simli Line	31/01/2016	31/03/2016
16	132 kV Simli S/s	31/01/2016	31/03/2016

  
SHRAWAN KUMAR SHARMA  
DIRECTOR (PROJECTS)  
POWER TRANSMISSION CORPORATION  
OF UTTARANCHAL LTD., DEHRADUN

S.No.	Name of project	Previous date of capitalisation	Revised date of capitalisation
17	LILO of 132 KV Dhalipur - Purkul Line at 220 KV S/s Jhajra, Dehradun	31/01/2016	31/04/2016
18	Construction of LILO of Lakhwar-Vyasi 220 KV double circuit Line	01/10/2017	31/12/2017

Based on the above changes, the revised capitalisation plan is as follows:

Particulars	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Previous Capitalisation (INR Cr)	238.13	373.13	1111.93	1150.04
Revised Capitalisation (INR Cr)	222.47	427.32	1073.40	1150.04

The detailed capitalisation plan is attached as **Annexure 1** of this document for the perusal of the Hon'ble commission.

Also, it is informed to the hon'ble commission that the status of the projects included in the business plan have already been shared with the hon'ble commission as Annexure 1 of the response dated 03.02.2016 corresponding to the query on Business plan and as Annexure 5 of the response dated 03.02.2016 corresponding to the query on MYT petition. The projects where progress has been made beyond this date have been included in **Annexure 2** of this document.




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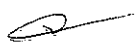
**Annexure 1 –Year wise capital  
expenditure**

Capitalization of projects in FY 15

Name of Project	Cost of project	Date of completion	Region	Wing
LILO of 132 KV Kulhal-Majra Line at 220 KV S/s Dehradun	1.71	7/29/2015	Garhwal	Projects
LILO of 132 KV Kulhal-Majra Line at 220 KV S/s Dehradun (Civil works) (additional capitalization)	1.68	3/31/2016	Garhwal	Projects
Civil work, Bairelly-Pantnagar 220 kv Line	0.83	12/31/2015	Kumaon	Civil
132 KV D/C Srinagar -Simli Line	118.52	3/31/2016	Garhwal	Projects
132 kv Simli S/s	12.67	3/31/2016	Garwal	Projects
Civil work, Khatima- Sitarganj 132 kv Line	1.47	1/31/2016	Kumaon	Civil
Construction of 132 KV s/s Srinagar	19.7687	12/31/2015	Garhwal	Projects
Increasing capacity of 132 KV S/S Kathgodam (Haldwani) form 40 MVA to 80 MVA	2.94	8/5/2015	Kumaon	O&M
Increasing capacity of 132 KV S/S Bhowali form 30 MVA to 50 MVA	2.36	8/5/2015	Kumaon	O&M
Increasing capacity of 132 KV S/S Almora form 40 MVA to 60 MVA	2.54	7/26/2015	Kumaon	O&M
Increasing capacity of 132 KV S/S Bazpur form 80 MVA to 120 MVA	5.22	9/28/2015	Kumaon	O&M
Civil work, 132 KV S/S Kashipur	1.55	7/31/2015	Kumaon	Civil
Augmentation of 220KV S/s Pantnagar alongwith construction of 02Nos 220 KV Bays and 02 Nos 33 KV Bays.(REC)	8.21	3/31/2016	Kumaon	O&M
Development of Switchyard including dismantling chain link fencing and re-erection for 2x50 MVA T/F at 220 KV S/s Pantnagar.(REC)	0.36	3/31/2016	Kumaon	O&M
Increasing capacity of 132 KV S/s Ranikhet (1*30 MVA to 1*50 MVA) (132/33)	0.5	7/27/2015	Kumaon	O&M
Installation of 220/33 KV 50 MVA transformer and construction of 3 Nos 33 KV bay at 220 KV Sidcul S/s Haridwar	9.2	3/16/2016	Garhwal	O&M
Increasing capacity 132 KV Jwalapur 2X40 MVA (132/33 KV) to 3X40 MVA (132/33 KV) at 132 KV S/S Jwalapur	4.33	12/30/2015	Garhwal	O&M
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.	9.54	12/25/2015	Garhwal	O&M
Construction of 2X40 MVA 132/33 KV Chudiyala S/s and its LILO line	16.8	12/16/2015	Garhwal	O&M

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Misc Equipment for 220 KV S/s Jhajra (Additional capitalisation)	0.1	9/30/2015	Garwal	O&M
const of 01 no. of incoming bay at 132 KV Sitarganj from 220 KV S/s PG	0.85	9/30/2015	Kumaun	O&M
132 kV S/s Laltappar (Additional capitalisation)	0.26	9/30/2015	Garwal	Project
220 KV S/s Dehradun (Jhajra) Line 220 kV (Additional capitalisation)	0.61	9/30/2015	Garwal	Project
LILO of 132 KV Majra Rishikesh at 132 KV Laltappar (Additional capita	0.0007	9/30/2015	Garwal	Project
LILO of 220 KV Khodri Rishikesh at 220 KV Dehradun (Additional capit	0.03	9/30/2015	Garwal	Project
220 KV line from 400 KV Kashipur to 200 KV Mauakeraganj (Additional	0.03	9/30/2015	Kumaun	Project
132 kV Kashipur Bazpur line (Additional capitalisation)	0.14	9/30/2015	Kumaun	Project
LILO of 132 KV Almora-Pithoragarh at 220 KV Pithoragarh (PGCIL) (Ac	0.23	9/30/2015	Kumaun	O&M
Furnitures & fixtures	0.01	9/30/2015	Kumaun	O&M
Office equipment	0.0064	9/30/2015	Kumaun	O&M
<b>Total</b>	<b>222.47</b>			



SHRAWAN KUMAR SHARMA  
DIRECTOR (PROJECTS)  
POWER TRANSMISSION CONTROL DIVISION  
OF UTTARANCHAL STATE POWER CORPORATION

Name of Project	Cost of project	Date of completion	Region	Division
Construction of LILO of Rosnabad-Puhana 220 KV line at 220 Kv s/s Piran kaliyar	9.91	12/1/2016	Garhwal	Projects
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	Garhwal	Projects
Construction of LILO of 132 KV Purkul-Dhalipur Line at 220 KV s/s Dehradun	3.46	31/04/2016	Garhwal	Projects
220 KV GIS s/s IIP, Harrawala , Dehradun	131.14	12/1/2016	Garhwal	Projects
220 KV s/s Piran Kaliyar (2*50 MVA)	66.12	12/1/2016	Garhwal	Projects
Civil work, 220 KV S/S Chamba	1.43	3/31/2017	Garhwal	Civil
Construction of 132 KV Purkul- Bindal link line (10.73 Km.) (including protection work)	8.00	12/1/2016	Garhwal	Projects
Stringing of 132 KV Kichha - Sitarganj Line	2.30	6/1/2016	Kumaon	Projects
Construction of Type 2,3 4 residences for 220 KV MahuakheraGanj S/s	5.09	8/13/2016	Kumaon	Projects
Construction of LILO of Jhajra-Rishikech Line at 220KV s/s Harrawala, Dehradun	0.532	12/1/2016	Garhwal	Projects
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.	14.41	4/1/2016	Garhwal	O&M
Construction of 132 KV S/C line from 220 KV Sidcul S/s to 132 KV Jwalapur S/s and 2 Nos associated bays.	6.77	3/16/2017	Garhwal	O&M
Replacement of 132/33 KV 40 MVA transformer at 132 KV S/s Roorkee	5.43	9/15/2016	Garhwal	O&M
Augmentation of 220 KV S/s Jhajra by dismantalling of 2X40 MVA transformer and installation of 2X80 MVA under O & M division Dehradun.	24.85	4/17/2016	Garhwal	O&M
Increasing capacity of 220 KV S/s Rishikesh from 2X160 MVA to 3X160 MVA and associated bays.	18.19	5/16/2016	Garhwal	O&M
Augmentation of 220/33 KV S/s to 220/132 KV S/s with additional 2X 100 MVA transformers at Piran Kaliyar.	13.2	3/16/2017	Garhwal	O&M

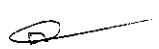
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POWER TRANSMISSION CORPORATION  
UTTARANCHAL, INDIA

Augmentation of Transformer from 2x40 MVA to 3x40 MVA at 220KV Substation, Kamaluaganja (Haldwani)	6.7	3/31/2017	Kumaon	O&M
Replacement of 132 KV Roorkee-Manglore line conductor by new AAAC/ HTLS conductor at 132 KV S/S Manglore	11.55	3/16/2017	Garhwal	O&M
Re-alignment of tower at loc. No. 30 to a safe place of 132 KV Kathgodam -Bhowali line.	0.5	3/31/2017	Kumaon	O&M
Proposed 220 KV Puhana- Piran Kaliyar D/C line	15.75	3/17/2017	Garhwal	O&M
Increasing capacity of 2X25 MVA to 1X25+1X50 MVA at 220 KV S/S Chamba	10.28	5/17/2016	Garhwal	O&M
Increasing capacity 2X40 MVA (132/33 KV) to 1X80+1X40 MVA (132/33 KV) at 132 KV S/S Laksar	12.5	3/16/2017	Garhwal	O&M
Increasing capacity of 132/33 KV S/S Srinagar from 1X20 MVA+1X40 MVA to 2X40 MVA	6.03	3/16/2017	Garhwal	O&M
Increasing capacity of 132/66 KV S/S Srinagar from 1X20 MVA+1X15 MVA to 2X20 MVA	3.12	3/16/2017	Garhwal	O&M
Replacement of old 1X20 MVA transformer by new 1X20 MVA transformer Simli.	3.6	3/16/2017	Garhwal	O&M
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.)	10.16	3/16/2017	Garhwal	O&M
I/C of existing 33KV Capacitor Bank from 2X5 MVAR TO 3X5 MVAR at 132KV Substation, Almora	0.4	3/31/2017	Kumaon	O&M
Increasing capacity of 132 KV S/S Jaspur from 2x40MVA to 3x40MVA.	6.7	3/31/2017	Kumaon	O&M
Supply and Commissioning of 2X5MVA capacitor bank at 132 KV Substation, Kathgodam	0.45	3/31/2017	Kumaon	O&M
Provision of additional 2X5 MVAR 33 KV Capacitor Bank at 132 KV Substation, Pithoragarh	0.56	3/31/2017	Kumaon	O&M
Replacement of 1x3x5MVA T/F bank with 20MVA Transformer at 132 KV Bhowali (T/F at Bazpur shall be utilized)	0.1	3/31/2017	Kumaon	O&M
Civil work, 132 KV S/S Majra Dehradun	0.7	12/1/2016	Garhwal	Civil
Civil work, 132 KV S/S Pithroragarh	0.7	3/1/2017	Kumaon	Civil
PTCUL office bulding 132 KV S/s Majra Dehradun	0.35	8/30/2016	Garhwal	Civil
<b>Total</b>	<b>427.32</b>			

SHRAWAN KUMAR SHARMA  
DIRECTOR (PROJECTS)  
INDIA TRANS ENERGY CORPORATION  
UNIT NO. 10, 11, 12



Name of Project	Cost of project	Date of completion	Region	Division
Construction of LILO of Lakhwar-Vyasi 220 KV double circuit Line	146.52	12/31/2017	Garhwal	Projects
220 KV S/S Jaffarpur	74.61	6/1/2017	Kumaon	Projects
LILO Of 220KV Kashipur-Pantnagar line at 220KV S/s Jafarpur	8.3388	6/1/2017	Kumaon	Projects
132KV Ranikhet -Bageshwar Line	60.18	6/1/2017	Kumaon	Projects
132KV Pithoragarh - Lohaghat Line	82.07	3/1/2018	Kumaon	Projects
Amalgation of 132 KV Lines at 132 KV S/S Khatima II	20	3/1/2018	Kumaon	Projects
132KV S/S Bageshwar	92.78	6/1/2017	Kumaon	Projects
132 KV S/S Khatima II	30	3/1/2018	Kumaon	Projects
Civil work, 132 KV S/S Srinagar (G)	2.34	3/1/2018	Garhwal	Civil
Installation of 1 no. 315MVA T/F (400/220KV) at 400KV Substation, Kashipur	11.51	3/31/2018	Kumaon	O&M
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	Kumaon	O&M
Construction of 01 no. 50MVAR Reactor at 400KV Substation, Kashipur	5.5	3/31/2018	Kumaon	O&M
Construction of 220 KV Bus Sectionizing at 400KV Substation, Kashipur	0.98	3/31/2018	Kumaon	O&M
Installation of 01 no. 160MVA T/F (220/132KV) at 400KV Substation, Kashipur	7.63	3/31/2018	Kumaon	O&M
Construction of 2 Nos. 220KV T/F Bay at 400KV Substation, Kashipur	2.14	3/31/2018	Kumaon	O&M
Construction of 3 Nos. 132KV Bay at 400KV Substation, Kashipur	4.27	3/31/2018	Kumaon	O&M
Installation of 01 No. 40MVA T/F at 400KV Substation, Kashipur	3.34	3/31/2018	Kumaon	O&M
Construction of 01 no. 33KV bay at 400KV Substation, Kashipur	0.39	3/31/2018	Kumaon	O&M
Civil work, 400/220/132 KV S/S Virbhadrha Rishikesh	2.74	12/1/2017	Garhwal	Civil
Civil work, 400 KV S/S Kashipur	3.31	3/1/2018	Kumaon	Civil
Construction of 220 KV s/s Ghansali	124.8	3/1/2018	Garhwal	Projects
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	Kumaon	O&M
Civil work, 220 KV S/S SIDCUL	2.62	1/4/2018	Garhwal	Civil
Civil work, 220 KV S/S Kamalvaganja	2.6	9/1/2017	Kumaon	Civil
LILO of 132 KV Laltappar -Majra line at 132 KV S/S Araghar	50.81	3/1/2018	Garhwal	Projects

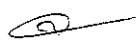
  
 SATISH KUMAR SHARMA  
 DIRECTOR (PROJECTS)  
 POWER TRANSMISSION DIVISION  
 UPDRA, DELHI

Stringing of Second circuit of 132 KV Satpuli Kotdwar Line with Single Panther conductor	22.75	12/1/2017	Garhwal	Projects
Construction of LILO of 132 KV Bhagwanpur- Chudiyala line at 220 KV S/s Piran Kaliyar.	12.8	4/17/2017	Garhwal	O&M
Replacement of ACSR Panther conductor in 132 KV Pantnagar-Rudrapur line with ACCC Casablanca conductor	8	3/31/2018	Kumaon	O&M
132 KV GIS substation Araghar	71.36	3/1/2018	Garhwal	Projects
132 KV S/S Lohaghat	93.16	3/1/2018	Kumaon	Projects
Replacement of 132 KV Roorkee-Laksar line old wolf conductor by new AAAC/ HTLS conductor at 132 KV S/S Laksar	27.85	11/17/2017	Garhwal	O&M
Increasing capacity of S/S from 2X40 to 2x80 MVA at 132 KV S/S Manglore	24.85	12/16/2017	Garhwal	O&M
Increasing capacity 3x40 MVA (132/33 KV) to 1x80+2X40 MVA (132/33 KV) at 132 KV S/S Bhagwanpur	12.5	12/16/2017	Garhwal	O&M
Construction of 01 no. 33KV Bay against requirement of UPCL at 132 KV Substation, Almora	0.23	3/31/2018	Kumaon	O&M
Provision of Hybrid module (due to space constraint) for construction of Transfer Bus at 132KV S/s, Pithoragarh	1.59	3/31/2018	Kumaon	O&M
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	3.2	3/31/2018	Kumaon	O&M
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	16	3/31/2018	Kumaon	O&M
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.	4	3/31/2018	Kumaon	O&M
Increasing capacity of 132 KV S/S Ramnagar from 1x20+1x40MVA to 2x40MVA	4	3/31/2018	Kumaon	O&M
Civil work, 132 KV S/S Bhagwanpur	0.03	3/1/2018	Garhwal	Civil
Civil work, 132 KV S/S Manglore	0.71	3/2/2018	Garhwal	Civil
Civil work, 132 KV S/S Laksar	1.97	3/3/2018	Garhwal	Civil
Civil work, 132 KV S/S Jwalapur (Haridwar)	0.09	12/1/2017	Garhwal	Civil
Civil work, 132 KV S/S Bhopatwala Haridwar	3.79	12/2/2017	Garhwal	Civil
Civil work, 132 KV S/S Kotdwar (G)	1.45	10/1/2017	Garhwal	Civil
Civil work, 132 KV S/S Simli (G)	0.83	10/31/2017	Garhwal	Civil
Civil work, 132 KV S/S Almora	2.93	6/1/2017	Kumaon	Civil
Civil work, 132 KV S/S Ranikhet	2.42	12/1/2017	Kumaon	Civil
<b>Total</b>	<b>1073.40</b>			



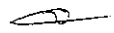
CHITRAVAN KUMAR SHARMA  
DIRECTOR (PROJECTS)  
POWER TRANSMISSION (CHITRAVAN)  
UPPCL, RAIPUR, JHARKHAND

Name of Project	Cost of project	Date of completion	Region	Division
LILO of 220 KV Dhauliganga - Pithoragarh Line at 220 KV S/S Baram	26.09	6/1/2018	Kumaon	Projects
220 KV S/S Baram	120.84	6/1/2018	Kumaon	Projects
Construction of 2 Nos. 220KV Bay at 400KV Substation, Kashipur	2.14	3/31/2019	Kumaon	O&M
Construction of 220 KV D/C line from PGCIL S/s, Sitarganj-Khurpiya Farm line	73.5	3/31/2019	Kumaon	Projects
Construction of LILO of 220 KV Bareilly-Pantnagar line at Khurpiya Farm	5.25	3/31/2019	Kumaon	Projects
Construction of 220/132/33 KV S/s at Khurpiya Farm	90	3/31/2019	Kumaon	Projects
Construction of 2 nos 220 KV bays at 220 KV S/s PGCIL, Sitarganj.	5	3/31/2019	Kumaon	O&M
Civil Work at 220/132 KV S/S Ramnagar Roorkee	3.03	9/1/2018	Garhwal	Civil
Civil work, 220 KV S/S Pantnagar	0.82	12/1/2018	Kumaon	Civil
Stringing of Second circuit of 132 KV D/C Srinagar -Simli Line with Single Panther conductor	30.51	3/1/2019	Garhwal	Projects
132 KV Simli-Gairsain line	65.66	3/1/2019	Garhwal	Projects
Construction of LILO of 132 KV Rudrapur-Kichha line at Khurpia farm.	3	3/31/2019	Kumaon	Projects
Termination of 132KV CPP line at proposed 220KV s/s Khurpiya Farm at Kichha	2	3/31/2019	Kumaon	Projects
Replacement of ACSR panther conductor with HPC conductor of 132 KV Kashipur- Mahuakheraganj (220) line	10.3	3/31/2019	Kumaon	O&M
Strengthening of 132KV Haldwani-Bhowali line by replacement through HPC conductor.	14	3/31/2019	Kumaon	O&M
LILO of 132KV Kathgodam-Pantnagar line at proposed 132KV Golapar S/s (App. 15KM)	15	3/31/2019	Kumaon	Projects
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)	30	3/31/2019	Kumaon	Projects
Construction of 132 KV LILO line for 132 KV S/s Khatima-II	12	3/31/2019	Kumaon	Projects
Construction of 132 KV LILO line for 132 KV S/s SIDCUL Phase-II, Sitarganj	10	3/31/2019	Kumaon	Projects
Replacement of ACSR Panther conductor in 132 KV PGCIL-SIDCUL Sitarganj line with ACCC Casablanca conductor	19.74	3/31/2019	Kumaon	O&M



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Replacement of ACSR Panther conductor in 132 KV Kichha-Sitarganj line with ACCC Casablanca conductor	28.12	3/31/2019	Kumaon	O&M
Replacement of ACSR Wolf conductor in 132 KV Piliphit-Khatima D/C line with ACCC copen hagan conductor	76.5	3/31/2019	Kumaon	O&M
132 KV substation Gairsain	92.85	3/1/2019	Garhwal	Projects
Replacement of Old 2X3x5 MVA Transformer with 2X20 MVA Transformer at 132 KV Substation, Ranikhet	5.07	3/31/2019	Kumaon	O&M
Construction of 132 KV Substation, Bhikiasain alongwith associated transmission line at 132 KV Substation, Ranikhet (30Kms)	80	3/31/2019	Kumaon	Projects
Replacement of Old 2X3x5 MVA Transformer with 2X20 MVA Transformer at 132 KV Substation, Pithorgarh	6.6	3/31/2019	Kumaon	O&M
Construction of 132 KV Mahuakheraganj(220)- Jaspur (21 Kms) with 01 No. bay at 132 KV Substation, Jaspur	21	3/31/2019	Kumaon	Projects
Replacement of 1X3x5MVA Transformer bank with new 20MVA Transformer at 132 KV Substation, Bhowali	2	3/31/2019	Kumaon	O&M
Construction of 132/33KV S/s at Golapar, Haldwani	53	3/31/2019	Kumaon	Projects
Construction of 132/33 KV S/s, Khatima-II	40	3/31/2019	Kumaon	Projects
Construction of 132/33 KV S/s at SIDCUL Phase-II Sitarganj	40	3/31/2019	Kumaon	O&M
Increasing capacity of 132 KV S/S Bazpur from 1x40+1x80MVA to 2x80MVA.	11	3/31/2019	Kumaon	O&M
Construction of 132 KV transfer bus and extension of switchyard at 132 KV S/S Bazpur	3.5	3/31/2019	Kumaon	O&M
Construction of boundary wall/ flood protection wall around 132 KV S/S Bazpur	2	3/31/2019	Kumaon	O&M
Civil work, 132 KV S/S Satpuli (G)	4.45	7/31/2018	Garhwal	Civil
Civil work, 132 KV S/S Bindal	1.14	12/1/2018	Garhwal	Civil
Civil work, 132 KV S/S Purukul , Dehradun	0.33	12/2/2018	Garhwal	Civil
Civil work, 132 KV S/S Bazpur	1.56	3/1/2019	Kumaon	Civil
Civil work, 132 KV S/S Kathgodam	4.43	3/1/2019	Kumaon	Civil
Civil work, 132 KV S/S Bhowali	1.84	3/1/2019	Kumaon	Civil
Civil work, 132 KV S/S Kiccha and Rudrapur	1.78	12/1/2018	Kumaon	Civil
Civil work, 132 KV S/S Jaspur	0.98	3/1/2019	Kumaon	Civil
Civil, Construction of H.Q.Colony at 132 KV Majra	124.139	3/2/2019	Garhwal	Civil
Civil, 132 KV S/S Srinagar-II colony	8.87	8/1/2018	Garhwal	Civil
<b>Total</b>	<b>1150.04</b>			


  
 SURAWAN KUMAR SHARMA  
 DIRECTOR (PROJECTS)  
 POWER TRANSMISSION COMPANY  
 OF NORTH INDIA, DELHI

# **Annexure 2 – Progress Report of Projects**

**Status of Projects as discussed in UERC meeting dated 03.03.2016**

S. No.	Name of the Project	Cost of the Project ( In crores)	Brief Description of Project	Status As on 02/03/2016	Estimated date of completion
<b>Projects to be commissioned in 2015-2016</b>					
1	132 KV Srinagar -Simli Line	118.52	Supply of District Chamoli and Rudraprayag will be improve and increasing load demand will meet out.	Tower foundation (No):- 227/230 Tower erection (No) :- 224/230 Stringing (Km) :- 62.511/64.5 Total Progress :- 97%	Mar-16
2	Construction of 132 KV s/s Srinagar	19.77	Supply of District Chamoli and Rudraprayag will be improve and increasing load demand will meet out.	Status: Total progress : 95%	Mar-16
<b>Projects to be commissioned in 2016-2017</b>					
1	L.I.L.O of 132 KV Dhalipur - Purkul Line at 220 KV S/s Jhajra, Dehradun	0.80	Presently, maximum power flows from 132 KV S/s Rishikesh to 132 KV S/s Bindal & 132 KV S/s Majra. So, during peak demand, when one of the 132 KV line from Rishikesh overloaded, power supply of Dehradun got disrupted. There is existing 220 KV S/C line from Khodri HEP to 220 KV S/s Rishikesh. So, for reliable power supply at Dehradun, one 220/132/33 KV S/s is proposed at Dehradun which will be charged by L.I.L.O of 220 KV S/C Khodri - Rishikesh line. This proposed 220 KV S/s will be connected to 132 KV Sub-stations at Majra & Purkul. By this arrangement, power supply would be reliable & losses of the system will be reduced.	Foundation:09/12 Erection: 07/12 Stringing:0/2.654 Km.	Apr-16
2	220 KV D/C (Twin Zebra) Transmission Line from 220 KV S/s PTCUL, Dehradun to 400 KV S/s PGCIL, Dehradun	20.80	This Transmission line is very important to the state because of the reliability of power supply to Dehradun region as it is connecting the power grid sub-station which is further connected with Haryana and Uttar Pradesh Transmission lines. This Line will also be used for evacuation of power from Lakhwar 300MW (UJVNL) and Vyasi 120 MW (UJVNL) to 220 KV Substation Dehradun. The line has been proposed on 220 KV Twin zebra to meet out the N-1 contingency condition and approx 450 MW power can flow through this circuit during N-1 contingency condition.	Foundation:11/21 Erection: 2/21 Stringing:0/6.159 Km.	Jun-16
3	220 KV GIS s/s IIP, Harrawala, Dehradun	131.14	Increasing load demand of Dehradun area will meet out.	Status: LOA issued in April 2015. • Contouring and Soil investigation has been completed. Layout design has been approved. Design & detailed engineering work is in progress. Layout of the substation has been approved. Drawings of 220 KV column and Gantry has been approved. Drawing of 220 KV equipments structure has been approved. 220 KV, 33 KV GIS building and control room has been approved. GTP of Cable approved. Boundary wall work is in progress.	Dec-16

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**ANIL KUMAR SHARMA**  
**DIRECTOR (PROJECTS)**  
 UERC  
 CHANDIGARH

4	220 KV s/s Piran Kaliyar (2*50 MVA)	66.12	supply of Piran Kaliyar and other area of Haridwar District will improve.	<p>Status: • Contract awarded to M/S Safety Controls &amp; Devices, Lucknow on dated 14-10-2014.</p> <p>• Contour plan has been approved and layout of the S/s is approved by PTCUL. Soil testing completed by the firm. Design and engineering work is in progress. Drawing of all 220 KV Coulmn and Gantry has been approved. Drawings of 33 KV structure design has been approved. Conceptual layout of control room cum administrative building approved. Some 220 KV Tower Foundation has been approved. construction of boundary wall is in progress.</p>	Dec-15
5	LILO of 220 KV Rishikesh – Puhana Line at 220 KV S/s Pirankaliyar	9.91	Construction of 2X50 MVA 220/33 KV Substation at Pirankaliyar and its associated LILO of LILO of 220 KV Roshnabad – Puhana Line on single Zebra conductor is being done for catering the the increased lod demand in Bhagwanpur and Roorkee area and better utilization of 400/220 KV Substation Puhana (PGCIL)	LoA Issued to the Firm M/s Drake & Scull. The firm has started the survey work	Dec-16
6	132 KV Purkul-Bindal Line	5.96	For catering to increased load demand at Dehradun 132 KV S/s is proposed at Hardwar Road, Dehradun which will be fed through LILO of 132 KV Rishikesh – Majra line approx. 2 x 2 Km. Presently, all existing sub-stations at Dehradun have reached maximum load up-to 70 – 80% of rated capacity. So, for meeting increased load demand & reliable power supply, construction of 132 KV S/s at Hardwar Road, Dehradun of approx. 2 x 40 MVA is proposed. For making ring main system for increasing reliability power supply in Dehradun, 132 KV S/s Purkul is to be connected with 132 KV S/s Bindal, which is already connected to 132 KV S/s Majra. So, 132 KV S/C line approx. 11.5 Km from 132 KV S/s Purkul to 132 KV S/s Bindal is being proposed for making ring main system at Dehradun.	Status Tower foundation (No) :- 37/53 Tower erection (No) :- 17/53 Old contract with HPCL was terminated due to non performance of Contractor. LOA issued to JV of M/s Udyan Enterprises and Malik Const. Pvt. Ltd.	Dec-16
<b>Projects to be commissioned in 2017-2018</b>					
1	220 KV D/C Line on Twin Zebra Conductor from Lakhwar to Dehradun and It's LILO at Vyasi.	98.45	This Line will be used for evacuation of power from Lakhwar 500MW (UJVNL) and Vyasi 120 MW (UJVNL) to 220 KV Substation Dehradun	Tree Marking jointly is under progress	Dec-17
2	Stringing of II circuit of 132KV Satpuli- Kotdwar line	22.75	By this work 132KV S/s Kotdwar will be connectd to 400/220/132KV S/s Srinagar and power supply in area will improve. DPR is to be prepared.	Project is under DPR Stage. Work Will Start after finalization of tender	Dec-17
3	Construction of 132 KV substation Araghar	71.36	Construction of 2X40 MVA 132/33 KV GIS Substation at Araghar and LILO of 132 KV Majra-Laltappar at 132 KV S/s Araghar line through Laying of 132.KV Cable for catering the future load demand in Dehradun and nearby area.	Project has been approved from BoD. Land in 33KV Aaraghar Campus of UPCL has been identified for construction of S/s. Proposal for transfer of Land has been submitted to UPCL. Tender substation will be floated after allotment of Land for S/s from UPCL	Mar-18

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**SHEWAN NUNAR CHARMA**  
**DIRECTOR (FD/ST)**  
**POWER TRANSFER & ACQUISITION**  
**UPCL**

4	LILO of 132 KV Laltappar -Majra line at 132 KV S/S Araghar	50.81	Construction of 2X40 MVA 132/33 KV GIS Substation at Araghar and LILO of 132 KV Majra-Laltappar at 132 KV S/s Araghar line through Laying of 132 KV Cable for catering the future load demand in Dehradun and nearby area.	Project has been approved from BoD. Land in 33KV Araghar Campus of UPCL has been identified for construction of S/s. Proposal for transfer of Land has been submitted to UPCL.Tender for line will be floated after allotment of Land for S/s from UPCL.	Mar-18
5	Construction of 220 KV substation Ghansali	124.8	Presently 220 KV S/s Chamba is catering the load of Tehri & Chamba area. This Substation is connected to Uttarakhand Grid through 220 KV S/C Chamba-Rishikesh line & Chamba-Uttarakashi line. The power generated by IPPs will be pooled at proposed 220 KV Ghansali S/s and then transmitted to the Grid through Chamba S/s.	Contract was awarded to M/s CGL Gurgaon on Nov 2013. Initially work could not be started due to protest of local villagers. After lot of persuasion RoW was resolved, but M/s CGL did not started the work & filed arbitration case at Court of Hon'ble District Judge Dehradun. Hon'ble court given decision in favour of PTCUL on 07 Oct 15 but still M/s CGL did not started the work.PTCUL have encashed performance bank guarantee of M/s CGL. Retendering is in progress.	Mar-18
<b>Projects to be commissioned in 2018-2019</b>					
1	132 KV substation Gairsain	92.85	By construction of this S/s power supply in Gairsain area will be improve and increasing load demand will be meet out.Presently it is in conceptualisation stage and DPR is to be prepared.	Project is under DPR Stage.	Mar-19
2	132 KV Simli-Gairsain line	65.66	By this work proposed 132KV S/s Gairsain will be connected to 400KV S/s Srinagar via 132KV S/s Simli.Presently it is in conceptualisation stage and DPR is to be prepared.	Project is under DPR Stage.	Mar-19
3	Stringing of II circuit of 132KV D/C Srinagar-Simli line with Single Panther Conductor	30.51	By this work proposed 132KV S/s Gairsain will be connect to 400/220/132KV S/s Srinagar and power supply in area will improve.Presently it is in conceptualisation stage and DPR is to be prepared.	Project is under DPR Stage.	Mar-19

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**OF UTTARANCHAL LTD., DEHRADUN**