



पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड  
Power Grid Corporation of India Limited

सूचना का अधिकार अभिनियम 2005 के अंतर्गत केन्द्रीय लोक सूचना अधिकारी  
Central Public Information Officer under the RTI Act, 2005  
केन्द्रीय कार्यालय, 'साँदामिनी', प्लॉट नं.2, सैक्टर-29, गुडगांव, हरियाणा-122007  
Corporate Centre, 'Saudamini', Plot No. 2, Sector-29, Gurgaon, Haryana-122007



PGCIL/R/E/20/00327

दिनांक: December 24, 2020

Shri Akash Tyagi,  
C-475A, Vikaspuri, Delhi-110018  
Delhi

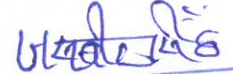
Sub.: Appeal under RTI Act, 2005 from Shri Akash Tyagi (appeal bearing reference no. PGCIL/A/E/20/00052 dated 4<sup>th</sup> November, 2020) for RTI request (PGCIL/R/E/20/00327)

Dear Sir,

This has reference to the Order No. C/CP/AA/RTI Act, 2005 dated 18<sup>th</sup> December, 2020 from the Appellate Authority on the subject matter. As directed by the Appellate Authority, the desired information is attached herewith at **Annexure-A**.

धन्यवाद,

भवदीय,

  
(जसबीर सिंह) 24/12/2020

मुख्य महाप्रबंधक (के. आ.) एवं के.लो.सू.अधिकारी

Email ID: [cpio.cc@powergrid.co.in](mailto:cpio.cc@powergrid.co.in)



**Information Sought:**

1. List of Transmission projects completed (both RTM and TBCB projects) in last 5 years i.e. Financial year 2015-2016 to Financial Year 2019-2020. Details should include transmission project name, scope of project, project grant date, project start date and project COD date.
2. List of Transmission projects won (both RTM and TBCB projects) in last 5 years i.e. Financial year 2015-2016 to Financial Year 2019-2020. Details should include transmission project name, scope of project, project grant date, project start date (if any) and project COD date if any. In case project not completed, pls provide estimated COD date/month.
3. Please provide source and extent of funding planned/availed, separately for each of the transmission project listed under point no. 1 and 2 mentioned above. Pls provide source and extent details irrespective if source of funding is internal or external.
4. For all the Transmission Projects completed and won (both RTM and TBCB projects), please provide annual cost of funding project wise for past 5 years i.e. Financial year 2015-2016 to Financial Year 2019-2020.
5. What is the construction time period (i.e. from project start date to project commissioning date) of all completed projects (both RTM and TBCB projects) in last 5 years i.e. Financial year 2015-2016 to Financial Year 2019-2020.
6. What is the interest during construction (IDC) amount (pls specify IDC year wise and project wise rather than overall) for all projects completed (both RTM and TBCB projects) in last 5 years i.e. Financial year 2015-2016 to Financial Year 2019-2020.

**Reply:**

List of RTM Transmission projects completed and won in last 5 years i.e. Financial year 2015-2016 to Financial Year 2019-2020 is attached at **Annexure-I & II**.

Further, in respect of RTM projects completed in the last 5 years, source and extent of funding availed, annual cost of borrowings and interest during construction (IDC) are available in the tariff order of each element of a project. Tariff order no. and date of order against each element is mentioned in the list attached at **Annexure-I**. Tariff orders can be accessed from the CERC website <http://www.cercind.gov.in/>.

In respect of RTM projects won in the last 5 years, it is to mention that normally 70:30 debt-equity ratio is maintained during the execution of the project. Debt portion of projects are financed by domestic borrowing/ bonds/ External Commercial Borrowings (ECBs), etc.. However, debt may change depending upon availability of internal resources. Year-wise detail of all source and extent of funding, annual cost



of borrowings is available in the annual report of respective year of the Company and the same can be accessed from the following link:

<https://www.powergridindia.com/annual-reports>

As regards funding being availed under TBCB projects, it is to be stated that Transmission charges have to be quoted under the competitive bidding route which are to include all costs related to the project including funding etc., and are not to be separately furnished at any stage. Keeping in line with the competitive bidding provisions, even during the adoption of Transmission charges by the Regulator the composite Transmission charges are only examined and breakup of the Transmission charges into different components is not resorted.

Billing and payment of Transmission charges is based on the adopted transmission charges and does not vary with the funding costs. POWERGRID, being a listed company, the Financials of the SPVs are published in the website and all such information as available may be accessed at: <https://www.powergridindia.com/annual-reports> and <https://www.powergridindia.com/financials-subsiidiaries> e.g. Note "Borrowings", "Finance Cost" etc. of Annual Report Subsidiaries mentioned at <https://www.powergridindia.com/annualreports>.

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S.No.	FY	IA Date	Project	Estimated Cost (₹ in crore)	Completion Period
1	2019-20	29/03/20	Construction of 02 nos. of 400kV GIS line bays at Varanasi (PG) substation	47.63	10
2	2019-20	25/03/20	2 Nos. of 220kV Line Bays at Saharanpur (PG)	5.56	20
3	2019-20	25/03/20	Transmission scheme for controlling high loading and high short circuit level at Moga substation	55.46	13
4	2019-20	08/03/20	Additional 1X500 MVA, 400/220kV (4th) transformer at Amritsar (Balachak) PG Substation under ISTS	24.87	5
5	2019-20	31/01/20	Transmission System for providing connectivity to RE projects at Bikaner (PG), Fatehgarh-II & Bhadla-II	562.86	12
6	2019-20	03/01/20	Northern Region System Strengthening - XLI (NRSS-XLI)	25.57	16
7	2019-20	19/12/19	Scheme to control fault level in Northern Region (Phase-II)	124.21	18
8	2019-20	19/12/19	Scheme to control fault level at Wardha substation	58.57	27
9	2019-20	01/10/19	Supply and Installation of material for Utilization of Transmission Line Towers for Telecom Business at 500 locations	94.2	
10	2019-20	27/08/19	Transmission System for Solar Energy Zones in Rajasthan	2578.47	16
11	2019-20	25/07/19	Northern Region System strengthening-XLII (NRSS-XLII)	8.04	15
12	2019-20	03/07/19	System Strengthening - XXV in Southern Region	154.72	24
13	2019-20	03/07/19	Western Region System Strengthening - XX (WRSS-XX)	226.98	25
14	2019-20	20/06/19	System Strengthening - XXVI in Southern Region	19.18	18-21
1	2018-19	27/03/19	Refurbishment of Rihand-Dadri HVDC System under Additional Capital Expenditure	715.4	
2	2018-19	16/02/19	Northern Region System Strengthening - XL	572.98	22
3	2018-19	03/01/19	Implementation of 500MVAR Thyristor Controlled Reactor at Kurukshetra 400kV bus	267.33	30
4	2018-19	03/01/19	Reliable Communication Scheme under Central Sector for Western Region	112.12	36
5	2018-19	13/11/18	Conversion of Fixed Line Reactors to Switchable Line Reactors in Northern Region	13	
6	2018-19	05/11/18	System Strengthening Scheme at Tuticorin-11 (erstwhile Tirunelveli GIS) and Bhuj PS	496.11	15-19
7	2018-19	05/11/18	Reliable Communication Scheme under Central Sector for Northern Region	241.38	36
8	2018-19	05/11/18	Reliable Communication Scheme under Central Sector for Southern Region	173.94	36
9	2018-19	20/09/18	Additional system for Power evacuation from Generation projects pooled at Raighar (Tammar) Pool	95.87	32
10	2018-19	20/09/18	Establishment of Fibre Optic Communication Scheme (Additional) under Central Sector for North Eastern Region	30.5	36
11	2018-19	20/09/18	Communication System under Eastern Region Fibre Optic Expansion Project (Additional Requirement)	47.19	36
12	2018-19	20/09/18	POWERGRID works associated with new WR-NR 765kV Inter-Regional Corridor	264.91	32
13	2018-19	20/09/18	North Eastern Region Strengthening Scheme-VIII (NERSS-VIII)	221.36	30
14	2018-19	19/09/18	Establishment of Reliable Communication Scheme under Central Sector for Eastern Region	20	36
15	2018-19	07/09/18	POWERGRID Works associated with additional 400kV feed to Goa	24.76	30-36
16	2018-19	01/05/18	POWERGRID works associated with North Eastern Region Strengthening Scheme-II, Part-B (NERSS-II-B)	120.32	20-28
17	2018-19	01/05/18	POWERGRID works associated with North Eastern Region Strengthening Scheme-VI	215.95	24
18	2018-19	01/05/18	POWERGRID works associated with Eastern Region Strengthening Scheme-XVIII (ERSS-XVIII)	125.36	27
19	2018-19	13/04/18	POWERGRID works associated with North Eastern Region System Strengthening Scheme-V	22.17	
1	2017-18	06/01/18	Transmission System for Ultra Mega Solar Power Park at Tumkur (Pavagada), Karnataka - Phase-II Part-C	92.13	20
2	2017-18	08/12/17	Transmission System for Transfer of power from generation projects in Sikkim to NR/WR (Part-B1)	75.39	30
3	2017-18	08/12/17	Supplementary Transmission System for Ultra Mega Solar Power Park (700MW) at Banaskantha (Radhanesda), Gujarat	193.14	18
4	2017-18	02/11/17	Eastern Region Strengthening Scheme-XX (ERSS-XX)	358.83	30
5	2017-18	02/11/17	Refurbishment of Vindhya HVDC System under Additional Capital Expenditure [Part (b) - Converter Transformer]	22.78	17
6	2017-18	19/09/17	Baharampur (WB, India) - Bheramana (Bangladesh) 2nd 400kV Transmission Line	198.49	24



S.No.	FY	IA Date	Project	Estimated Cost (₹ in crore)	Completion Period
7	2017-18	16/08/17	HVDC Bipole link between Western Region (Raigarh, Chattisgarh) and Southern Region (Pugalur, Tamil Nadu) – North Trichur (Kerala) – Scheme#2: AC System Strengthening at Pugalur end	1931.39	30
8	2017-18	30/06/17	Provision of 400kV Line Bays at Bhiwani (PG)	17.52	21
9	2017-18	29/05/17	PROCUREMENT OF IP-IMPLS AND SECURITY RELATED EQUIPMENTS	199.79	12
10	2017-18	29/05/17	Additional ATS for Tumkur (Pavagada) [Transmission System for Ultra Mega Solar Park at Tumkur (Pavagada), Karnataka - Phase-II (Part-B)]	445.89	21
11	2017-18	11/05/17	TRANSMISSION SYSTEM FOR ULTRA MEGA SOLAR POWER PARK (700 MW) AT BANASKANTHA (RADHANESDA), GUJARAT	175.64	16
12	2017-18	11/05/17	Transmission system for evacuation of power from 2x500 MW Neyveli Lignite Corp. Ltd. TS-1 (Replacement) (NNTIPS) in Newelli, Tamil Nadu	186.17	13-26 matching with NNTIPS
13	2017-18	11/05/17	Procurement of Spare Converter Transformer for Vizag HVDC System	97.23	24
1	2016-17	29/03/17	Line Bays Associated with Various Regional Strengthening Schemes in NR	55.88	21 for 220kV bays 24 for 400kV bays
2	2016-17	29/03/17	ICTs & Bays associated with Northern Region System Strengthening Scheme (NRSS-XXXVIII)	337.75	27
3	2016-17	29/03/17	Line bays associated with Northern Region System Strengthening Scheme-XXXVI	35.58	18-30 matching with TBCB
4	2016-17	23/03/17	Augmentation of Transformation Capacity at Fatehabad (PG) 400/220kV substation by 1x315 MVA capacity along with associated ICT bays	11.35	30
5	2016-17	21/03/17	Augmentation of Transformation Capacity at Raebareli & Sitarganj 220/132kV Substations	29.17	30
6	2016-17	10/03/17	System Strengthening Scheme in Northern Region - XXXVII (NRSS-XXXVII)	379.95	33
7	2016-17	10/03/17	Sub-Station works associated with additional inter-regional AC link for import into Southern Region i.e. Warora-Warangal and Chilakaluripeta-Hyderabad-Kurnool 765kV link	283.72	32
8	2016-17	10/03/17	Installation of Bus Reactors at Cuddapah, Nellore, Kurnool, Raichur and Thiruvalam	251.6	27
9	2016-17	10/03/17	POWERGRID works associated with TBCB lines under common transmission system for Phase-II generation projects in Odisha	162.31	24 matching with TBCB
10	2016-17	10/03/17	POWERGRID works associated with Transmission System Strengthening in Indian System for transfer of Power from new HEPs in Bhutan	119.52	24 matching with TBCB
11	2016-17	28/02/17	Conversion of Fixed Line Reactors to Switchable Line Reactors in Southern Region	22.75	18
12	2016-17	09/02/17	POWERGRID works associated with Transmission System Strengthening in WR associated with Khargone TPS	109.53	Matching with TBCB
13	2016-17	09/02/17	Western Region System Strengthening Scheme – XVII (WRSS-XVII)	204.12	31
14	2016-17	09/02/17	Western Region System Strengthening Scheme – XVIII (WRSS-XVIII)	195.05	36
15	2016-17	09/02/17	POWERGRID works associated with Immediate Evacuation for North Karanpura (3x660 MW) Generation Project of NTPC	54.24	
16	2016-17	09/02/17	HVDC Bipole link between Western Region (Raigarh, Chattisgarh) and Southern Region (Pugalur, Tamil Nadu) – North Trichur (Kerala) – Scheme#3: Pugalur-Trichur 2000 MW VSC based HVDC System	5070.13	38
17	2016-17	09/02/17	Procurement of Telecom Equipment (DWD/SDH), associated Auxiliary System and Fiber Optic Cable System for augmentation of Telecom Backbone and Access network	484.38	24
18	2016-17	09/02/17	Establishment of 220/66kV, 2x150MVA GIS at UT Chandigarh along with 220kV D/C line from 220kV Chandigarh GIS Substation to 400/220kV Panchkula (PG) Substation	322.3	24
19	2016-17	09/02/17	Eastern Region Strengthening Scheme – XVII (Part-B) [ERSS-XVII (Part-B)]	235.53	28
20	2016-17	22/10/16	Augmentation of Transformation Capacity in Southern Region	167.75	30
21	2016-17	22/10/16	Substation works associated with Strengthening of Transmission System beyond Vemagiri	608.24	30 matching with TBCB



S.No.	FY	IA Date	Project	Estimated Cost (₹ in crore)	Completion Period
22	2016-17	22/10/16	Transmission System for Ultra Mega Solar Park at Tumkur (Pavagada), Karnataka - Phase II (Part A)	408.46	27
23	2016-17	16/09/16	System Strengthening in SR - XXI	562.25	30
24	2016-17	19/08/16	Provision of STATCOM at Nalagarh & Lucknow in NR	431.89	30
25	2016-17	19/08/16	Provision of Series Reactors in NR	177.52	30
26	2016-17	19/08/16	NRSS-XXXV	123.91	24
27	2016-17	20/07/16	NERSS-VII	90.7	24
28	2016-17	20/07/16	ERSS-XVII (Part-A)	34.9	16
29	2016-17	20/07/16	NLC-Karaiikal 230kV D/C line	102.79	16
30	2016-17	20/07/16	TS for Solar Power Parks at Bhadla, Rajasthan	1429.38	30
31	2016-17	20/07/16	TS associated with DGEN TPS (1200MW) of Torrent Power Ltd	80.68	May'18 matching with.....
32	2016-17	20/07/16	TS Strengthening associated with Mundra UMPP (Part-B)	300.94	29
33	2016-17	20/07/16	WRSS-XVI	150.99	24
34	2016-17	20/07/16	POWERGRID works associated with Addl. System Strengthening for Sipat STPS	91.19	Nov'18 to Mar'19 matching with.....
35	2016-17	20/07/16	POWERGRID works associated with System Strengthening for IPPs in Chhatisgarh & other generation projects in WR	333.17	Mar'19 matching with.....
36	2016-17	20/07/16	POWERGRID works associated with System Strengthening Scheme for Chhatisgarh IPPs (Part-B)	33.51	Nov'18 matching
37	2016-17	20/07/16	Provision for Line Basy for Scheme-Connectivity Lines for Maheshwaram (Hyd) 765/400kV Pooling Station	86.69	18
38	2016-17	26/05/16	NERSS-IV	409.19	24
39	2016-17	05/05/16	HVDC Bipole link between WR(Raigarh, Cg) & SR (Pugalur, Kar.) - North Trichur (Ker)- Scheme 1: Raigarh - Pugalur 6000MW HVDC System	14733.37	42
40	2016-17	05/05/16	GEC ISTS - Part D	3519.59	36
41	2016-17	05/05/16	ERSS-XI	766.21	30
42	2016-17	05/05/16	ERSS-XIV	167.01	30
43	2016-17	02/04/16	S/S extn for TS associated with V'chal-V project of NTPC (Part-B)	287.99	26
44	2016-17	02/04/16	POWERGRID works associated with WRSS-XV	46.57	21
45	2016-17	02/04/16	POWERGRID works associated with Part-A of TS for Gadawara STPS of NTPC	47.77	13

S.No.	FY	IA Date	Project	Estimated Cost (₹ in crore)	Completion Period
46	2016-17	02/04/16	Transmission System for Ultra Mega Solar Park in Anantpur District, Andhra Pradesh - Part C (Phase - III)	40.91	19
47	2016-17	02/04/16	Associated TS for Nabinagar-II TPS (3*660MW)	790.13	38
48	2016-17	02/04/16	POWERGRID works associated with Common TS for Ph-II generation projects in Odisha	844.64	36
49	2016-17	02/04/16	ERSS-XV	454.11	24
50	2016-17	02/04/16	Transmission System for Ultra Mega Solar Park at Tumkur (Pavagada), Karnataka, Phase-I	810.48	32
1	2015-16	09/03/16	TS Strengthening in Indian System for transfer of power from Mangdechhu HEP in Bhutan	808.63	22
2	2015-16	09/03/16	Augmentation of Transformation Capacity at Mainpuri & Sikar	76.48	24
3	2015-16	27/01/16	WRSS Scheme-XIV	120.67	30
4	2015-16	27/01/16	Constraints in 400kV Bays extension at 400kV Vemagiri S/S	207.88	30
5	2015-16	12/01/16	Transmission System for Ultra Mega Solar Park in Anantpur District, Andhra Pradesh - Part B (Phase - II)	99.09	16 Loop In 30 Loop Out
6	2015-16	12/01/16	TS strengthening associated with Mundra UMPP- Part A	244.19	30
7	2015-16	12/01/16	TS associated with Darlipalli TPS	187.04	29
8	2015-16	12/01/16	TS for Ultra Mega Solar Park (750MW) at Rewa (MP)	305.04	14
9	2015-16	12/01/16	Provision for 400kV bays for NRSS-XXIX	57.4	18 for 2 bays 34 for 2 bays
10	2015-16	12/01/16	Connectivity for Kudankulam 3&4 with ISTS	162.11	28
11	2015-16	12/01/16	SS-XXIV in SR	1455.47	30
12	2015-16	15/09/15	NERSS-III	133.71	27
13	2015-16	24/07/15	TS associated with RAPP 7 & 8 Part-B	307.18	28
14	2015-16	02/07/15	GEC: ISTS Part C	2247.37	36
15	2015-16	28/05/15	Provision of 400kV bays for lines under Northern Region System Strengthening Scheme-XXXI (Part-B)	118.18	16
16	2015-16	11/05/15	Transmission System for Ultra Mega Solar Park in Anantpur District, Andhra Pradesh - Part A (Phase - I)	312.94	12
17	2015-16	11/05/15	Creation of 400/220kV Substations in NCT of Delhi during 12th Plan Period (Part-B1)	780.33	26
18	2015-16	11/05/15	SEMs & DCDS	8.21	24
19	2015-16	17/04/15	Implementation of Radial interconnection between India (NER) and Bangladesh - Indian portion'	76.23	12
20	2015-16	17/04/15	Establishment of Communication System under Expansion / Up-gradation of SCADA/EMS system at SLDCs of Eastern Region (BSPTCL and DVC)	85.31	30
21	2015-16	17/04/15	Establishment of Fibre Optic Communication System under Wide Band Communication Expansion Plan in North-Eastern Region'	80.73	30
22	2015-16	17/04/15	Establishment of Fibre Optic Communication System in Western Region under Master Communication Plan Project (Additional Requirement)	120.72	30
23	2015-16	17/04/15	Implementation of Green Energy Corridors: Inter-State Transmission Scheme (ISTS) - Part-B	3705.61	36
24	2015-16	17/04/15	Implementation of Green Energy Corridors: Inter-State Transmission Scheme (ISTS) - Part-A	1479.3	24
25	2015-16	21/04/15	Provision of 400kV bays at Fatehpur for ATS of Unchaar TPS	10.66	19
26	2015-16	06/04/15	Provision of 400kV bays at Shujalpur for Part ATS of RAPP 7 & 8	23.71	11

## Project completed during FY 2015-16

S. No.	Project Description	Element description	DOCO	Order No	Order date
1	Northern Region System Strengthening Scheme - XXVI	765 KV S/C Meerut-Moga TL alongwith substation Extension at Moga & Line Reactor	12/05/15	87/TT/2015	18/04/16
2	Immediate evacuation system with BARH - II TPS	125 MVAR Bus Reactor at Gorakhpur Extension	26/05/14	241/TT/2014	18/12/15
2	Immediate evacuation system with BARH - II TPS	80 MVAR Line Reactor of Barh-II line as Bus Reactor at 400/220 KV Gorakhpur S/s	02/11/14	78/TT/2015	30/12/15
2	Immediate evacuation system with BARH - II TPS	80 MVAR Line Reactor of Barh-I line as Bus Reactor at 400/220 KV Gorakhpur S/s	04/11/14	78/TT/2015	30/12/15
2	Immediate evacuation system with BARH - II TPS	400 KV D/C Barh-II TPS Gorakhpur line alongwith associated bays at Gorakhpur	07/06/15	184/TT/2015	23/03/16
3	Transmission System for IPP Generation Projects in MP and Chhatisgrh	Vadodara-Pirana 400 kV D/C (Quad) T/L alongwith bays at Pirana S/S (for direct interconnection w	01/04/14	289/TT/2013	08/07/16
3	Transmission System for IPP Generation Projects in MP and Chhatisgrh	765 kV S/C Indore Vadodara TL (for direct interconnection with 400 kV D/C Vadodara Asoj TL) by	05/05/14	142/TT/2014	21/03/16
3	Transmission System for IPP Generation Projects in MP and Chhatisgrh	Extension of bays at 765/400 kV Indore SS including switchable Line reactor(3 X 80 MVAR 765 kV )	01/04/14	142/TT/2014	21/03/16
3	Transmission System for IPP Generation Projects in MP and Chhatisgrh	400 KV Bays at GIS Vadodara for 400 KV Vadodara-Pirana Ckt-I	29/06/15	140/TT/2015	30/03/16
3	Transmission System for IPP Generation Projects in MP and Chhatisgrh	(1) 765/400 KC 1500 MVA ICT-I at Vadodaa GIS (2) 765 KV bays at GIS Vadodara for 765 KV Va	08/06/15	140/TT/2015	30/03/16
3	Transmission System for IPP Generation Projects in MP and Chhatisgrh	765/400 KV 1500 MVA ICT-2 at GIS Vadodara	22/06/15	140/TT/2015	30/03/16
3	Transmission System for IPP Generation Projects in MP and Chhatisgrh	765 KV 240 MVAR Bus Reactor with One Spare unit of 80 MVAR along with associated bays at GI	01/10/15	140/TT/2015	30/03/16
4	System Strengthening for Western Region (Line bays & Reactor provision).	Bay Extension of Aurangabad S/s for 765 KV S/s Aurangabad Dhule line	29/05/14	227/TT/2014	20/09/17
4	System Strengthening for Western Region (Line bays & Reactor provision).	765 KV Line Bay and 3x80 MVAR Line Reactor at Bina S/s (charged as Bus Reactor) for 765 kV S	13/11/14	261/TT/2015	27/05/16
4	System Strengthening for Western Region (Line bays & Reactor provision).	765 KV line bay & 240 MVR line ractor at 765 KV Vadodara GIS S/s FOR Vadodara-Dhule TL (IP	14/06/15	66/TT/2015	25/05/16
4	System Strengthening for Western Region (Line bays & Reactor provision).	765 kV Line Bays & 3*80 MVAR Switchable Line reactor at 765 Jabalpur PS for Jabalpur-Bhopal T	20/10/14	227/TT/2014	20.09.2017
5	System Strengthening in SR - XVIII	LILO of Bangalore - Salem 400 kV S/C line at Hosur	01/02/14	147/TT/2015	24/02/16
5	System Strengthening in SR - XVIII	400kV D/C Nellore-Thiruvalam line along with 50 MVAR Line Reactor at both ends	16/04/14	108/TT/2014	05/07/16
5	System Strengthening in SR - XVIII	400 kV DC Line along with bay Extension of 400 kv S/s at Thiruvalam and Extension of 400/230 KV	26/07/14	108/tt/2014	05/07/16
5	System Strengthening in SR - XVIII	2 No. 400 KV 63 MVAR Reactor at Nrllore (AP) alongwith associated bay and equipment	16/03/15	405/TT/2014	30/12/15
5	System Strengthening in SR - XVIII	400 KV D/C Vijayawada - Nellore line along with extension of 400/220 KV and 1X63 MVAR line rea	08/08/15	405/TT/2014	30/12/15
6	Transmission System of Vindhyachal-IV and Rihand -III (1000MW each) Gen. Proj.	765 KV S/C Satna-Gwalior Ckt-II TL alongwith aassociated bays and line reactor at Satna	06/08/14	201/TT/2014	23/05/16
6	Transmission System of Vindhyachal-IV and Rihand -III (1000MW each) Gen. Proj.	One Ckt of 765KV D/C Rihand-III Vindhyachal Pooling Stn TL	06/07/14	71/TT/2015	31/05/16

## Project completed during FY 2015-16

S. No.	Project Description	Element description	DOCO	Order No	Order date
6	Transmission System of Vindhyachal-IV and Rihand -III (1000MW each) Gen. Proj.	765 KV 3*80 MVAR Reactor at Gwalior end for 765 KV S/C Satna-Gwalior ckt-II TL	30/09/14	201/TT/2014	23/05/16
6	Transmission System of Vindhyachal-IV and Rihand -III (1000MW each) Gen. Proj.	3 x 80 MVAR Line Reactor alongwith line bay (under interim contingency) as Bus Reactor at Satna	13/11/14	71/TT/2015	31/05/16
6	Transmission System of Vindhyachal-IV and Rihand -III (1000MW each) Gen. Proj.	3X80 MVAR Line Reactor alongwith line bay (under interim contingency) as Bus Reactor at Satna S	14/01/15	71/TT/2015	31/05/16
6	Transmission System of Vindhyachal-IV and Rihand -III (1000MW each) Gen. Proj.	765 KV 1500 MVA ICT-I (with 1 spare unit of 500 MVA) at 765/400 KV Vindhyachal Pooling Station	04/07/15	71/TT/2015	31/05/16
6	Transmission System of Vindhyachal-IV and Rihand -III (1000MW each) Gen. Proj.	765 KV S/C Vindhyanchal pooling Stn. Satna ckt.#2 TL at Vindhyachal PS along with 240 MVAR s	11/08/15	71/TT/2015	31/05/16
6	Transmission System of Vindhyachal-IV and Rihand -III (1000MW each) Gen. Proj.	765 KV S/C Gwalior- Jaipur ckt.#1 TL along with 240 MVAR switchable LR (with 1 spare reactor un	14/08/15	71/TT/2015	31/05/16
6	Transmission System of Vindhyachal-IV and Rihand -III (1000MW each) Gen. Proj.	765 KV 240 MVAR Bus Reactor along with associated bays at Vindhyachal Pooling Stn.	24/08/15	71/TT/2015	31/05/16
6	Transmission System of Vindhyachal-IV and Rihand -III (1000MW each) Gen. Proj.	400 KV Bay (1 No.) at Vindhyachal Poolint Station for 400 KV D/C Vindhyachal IV- Vindhyachal Po	21/10/15	71/TT/2015	31/05/16
6	Transmission System of Vindhyachal-IV and Rihand -III (1000MW each) Gen. Proj.	400 KV Bays at Vindhyachal Pooling Station for 400 KV D/C Vindhyachal PS-Sasan Ckt #2 TL and	31/08/15	71/TT/2015	31/05/16
6	Transmission System of Vindhyachal-IV and Rihand -III (1000MW each) Gen. Proj.	765KV 240 MVAR Bus Reactor-2 at Satna SS	25/06/15	71/TT/2015	31/05/16
6	Transmission System of Vindhyachal-IV and Rihand -III (1000MW each) Gen. Proj.	765 KV D/C Rihand-Vindhyachal TL Ckt-II & associated bay at Vindhyachal PS (Charged at 400 KV	15/10/15	71/TT/2015	31/05/16
6	Transmission System of Vindhyachal-IV and Rihand -III (1000MW each) Gen. Proj.	1 Nos of 400 KV 63 Bus Reactor at Vindhyachal Pooling Station	21/03/16	71/TT/2015	31/05/16
6	Transmission System of Vindhyachal-IV and Rihand -III (1000MW each) Gen. Proj.	400 KV line bays I & II (404 & 405) for 400 KV D/C Quad Bassi Jaipur (Phagi-RVPN) line at Jaipur	04/01/15	204/TT/2016	13/11/17
6	Transmission System of Vindhyachal-IV and Rihand -III (1000MW each) Gen. Proj.	400 KV bay ( 1 No.) at Vindhyachal Pooling Station for Ckt-I of 765 KV D/C Rihand-III-Vindhyachal	06/11/15	71/TT/2015	31/05/16
6	Transmission System of Vindhyachal-IV and Rihand -III (1000MW each) Gen. Proj.	765/400 kV Vindhyachal PS (New) including1500 MVA ICT II along with associated bays at Vindhya	02/04/15	71/TT/2015	31/05/16
6	Transmission System of Vindhyachal-IV and Rihand -III (1000MW each) Gen. Proj.	Combined Assets under Transmission System of Vindhyachal IV - Rihand III (1000 MW) Generation	01/01/14	9/TT/2018	05/09/18
7	Transmission System for Phase-I Gen. Projects in ORISSA- Part- C.	765kV S/C Bina-Gwalior # 3	07/05/14	422/TT/2014	25/04/16
7	Transmission System for Phase-I Gen. Projects in ORISSA- Part- C.	765 KV 4X80 MVAR Bus Reactor at Indore S/s alongwiths associated bays	02/08/14	422/TT/2014	25/04/16



## Project completed during FY 2015-16

S. No.	Project Description	Element description	DOCO	Order No	Order date
7	Transmission System for Phase-I Gen. Projects in ORISSA- Part- C.	765 KV Line Bay and 3X80 MVAR Line Reactor (Switchable) at Gwalior S/s (Charged as Bus Reactor)	24/11/14	422/TT/2014	25/04/16
7	Transmission System for Phase-I Gen. Projects in ORISSA- Part- C.	765 KV 3X80 MVAR Bus Reactor at Bina S/s	01/04/15	422/TT/2014	25/04/16
7	Transmission System for Phase-I Gen. Projects in ORISSA- Part- C.	765 KV S/C Gwalior- Jaipur ckt.#2 TL along with 240 MVAR switchable LR & associated bays at Jaipur	13/08/15	422/TT/2014	25/04/16
7	Transmission System for Phase-I Gen. Projects in ORISSA- Part- C.	765 KV Jaipur (Phagi-RVPNL) Bhiwani TL alongwith 3X80 MVAR switchable line reactor at Jaipur (Phagi-RVPNL)	24/08/15	269/TT/2015	23/05/16
7	Transmission System for Phase-I Gen. Projects in ORISSA- Part- C.	765 KV 3X80 MVAR Bus Reactor at Jaipur (Phagi-RVPNL) S/s	09/08/15	269/TT/2015	23/05/16
7	Transmission System for Phase-I Gen. Projects in ORISSA- Part- C.	Combined elements under Transmission System for Phase-I Generation Projects in Orissa Part-C	01/01/14	164/TT/2016	28/12/16
8	System Strengthening common for Western Region and Northern Region (Line bays & Reactor provision).	765 KV Line bay and 3*80 MVAR Switchable Reactor at Jabalpur Pooling S/s for 765 KV S/C Jabalpur	05/10/14	261/TT/2015	27/05/16
8	System Strengthening common for Western Region and Northern Region (Line bays & Reactor provision).	765 KV Line bay and 3*80 MVAR Line Reactor at 765 KV Indore S/s (for 765 KV S/C Bhopal-Indore)	05/10/14	227/TT/2014	20/09/17
8	System Strengthening common for Western Region and Northern Region (Line bays & Reactor provision).	765 KV line bay & MVAR Switchable line reactor at 765 KV Jabalpur Pooling S/s for 765 KV Ss/c Jabalpur	20/10/14	227/TT/2014	20/09/17
8	System Strengthening common for Western Region and Northern Region (Line bays & Reactor provision).	765 KV line bay & 240 MVAR LR at Jabalpur PS & 765 KV line bay & 330 MVAR switchable LR at Jabalpur	14/09/15	261/TT/2015	27/05/16
8	System Strengthening common for Western Region and Northern Region (Line bays & Reactor provision).	765 KV line bay & 240 MVAR LR at Jabalpur PS & 765 KV line bay & 330 MVAR switchable LR at Jabalpur	15/09/15	261/TT/2015	27/05/16
9	Inter-Regional System Strengthening Scheme in WR and NR (Part-A)	765 KV D/C (Hexa) Aurangabad-Solapur TL with associated bays & 6X80 MVAR switchable line reactor	07/10/15	248/TT/2015	27/10/16
9	Inter-Regional System Strengthening Scheme in WR and NR (Part-A)	2 nos 3x80 MVAR Switchable Line reactor (for 765KV D/C Aurangabad-Solapur line) and associated bays	25/08/17	103/TT/2018	08/10/18
10	Transmission System for Phase-I Gen. Projects in ORISSA - Part - B.	765 KV 1 No bay & 400 kV, 4*500 MVA (1Ph) ICT-2 at Jabalpur 765/400 kV Pooling S/S	01/04/14	244/TT/2014	26/04/16
10	Transmission System for Phase-I Gen. Projects in ORISSA - Part - B.	765 KV , 3*110 MVAR Bus Reactor-2 at Dharamjaygarh/Nea korba SS along with associated Bays	18/04/14	244/TT/2014	26/04/16
10	Transmission System for Phase-I Gen. Projects in ORISSA - Part - B.	765 KV, 3*80 MVAR Line Reactor and associated 765 KV 1 No Bay for Dharamjaygarh Ckt#1 and Chhatisgarh	01/04/14	244/TT/2014	26/04/16
10	Transmission System for Phase-I Gen. Projects in ORISSA - Part - B.	LILO of 765 kV S/C Ranchi- WR Pooling near Sipat TL at Dharamjaygarh & 765 kV 3* 110 MVAR Bus Reactor	01/04/14	244/TT/2014	26/04/16
10	Transmission System for Phase-I Gen. Projects in ORISSA - Part - B.	765 KV Line Bay and 3x80 MVAR Line Reactor at Jabalpur S/s (Charged as Bus Reactor under inter-regional)	01/12/14	409/TT/2014	28/04/16
10	Transmission System for Phase-I Gen. Projects in ORISSA - Part - B.	400 KV 125 MVAR (3 Ph) Bus Reactor-II alongwith associated bay at Jabalpur 765/400 KV Pooling S/S	31/12/14	409/TT/2014	28/04/16
10	Transmission System for Phase-I Gen. Projects in ORISSA - Part - B.	765 KV 240 MVAR Bus Reactor-I at 765 KV Jabalpur Pooling S/s	06/05/15	409/TT/2014	28/04/16
10	Transmission System for Phase-I Gen. Projects in ORISSA - Part - B.	765 KV D/C Dharamjaygarh-Jabalpur pooling Strn. TL Ckt-I& II along with 6X110 MVAR switchable line reactor	17/10/15	266/TT/2015	26/05/16

### Project completed during FY 2015-16

S. No.	Project Description	Element description	DOCO	Order No	Order date
10	Transmission System for Phase-I Gen. Projects in ORISSA - Part - B.	Circuit-2 of 765 KV D/C Jharsuguda Pooling Station-Dharamjaygarh near Korba (WR) TL alongwith	31/07/14	244/TT/2014	26/04/16
10	Transmission System for Phase-I Gen. Projects in ORISSA - Part - B.	Combined elements	01/01/14	86/TT/2017	07/09/17
11	Kaiga 3 & 4 Trans. System	Asset - 2 = 2nd 315 MVA Auto Transformer at Hiriyur Sub Station	01/04/08	205/TT/2014	08/01/16
11	Kaiga 3 & 4 Trans. System	Asset - I = Combined asset of a) Reactor at Narendra, b) Narendra- Davengiri Line & c) LILO of Kold	01/06/08	205/TT/2014	08/01/16
11	Kaiga 3 & 4 Trans. System	Asset - 3 = Combined asset of ICT - I & ICT - II at Kalvindapattu (Trans charges to be paid by TNEI	01/07/08	205/TT/2014	08/01/16
11	Kaiga 3 & 4 Trans. System	Mysore-Kozhikode 400 KV D/C Line along with new 400/220 KV S/s with 2X315 MVA ICT & 2X50	16/10/15	276/TT/2015	30/05/16
12	Transmission System Associated for Solapur STPP (2x660MW) Gen. Proj.	Solapur (NTPC) - Solapur (PG) 400KV D/C (Quad) TL along with Bay Extension at Solapur (PG)	03/04/15	415/TT/2014	30/05/16
12	Transmission System Associated for Solapur STPP (2x660MW) Gen. Proj.	500 MVA 400/220 KV ICT-III along with associated bays at Solapur S/s	02/11/15	415/TT/2014	30/05/16
13	Transmission System Associated with Contingency plan for Evacuation of Power from IL&FS (2x600MW)	LILO of 2nd ckt of Neyveli Trichy D/C at Nagapattinam PS	29/09/15	51/TT/2015	20/07/16
13	Transmission System Associated with Contingency plan for Evacuation of Power from IL&FS (2x600MW)	Strengthening of Neyveli TS-II - TS-I Exp link with higher capacity conductor	09/11/15	51/TT/2015	20/07/16
14	System Strengthening - XVII in Southern Regional Grid	400 KV GIS Kolhapur S/s alongwith 125 MVAR bus Reactor & associated bays & LILO OF 400 KV	12/11/15	283/TT/2015	25/05/16
14	System Strengthening - XVII in Southern Regional Grid	Narendra (New Kudigi) -Narendra (Existing) 400 KV D/C Quad TL along with associated bays & eq	11/12/15	61/TT/2015	26/05/16
14	System Strengthening - XVII in Southern Regional Grid	Second Circuit of Narendra (New, Kudgi)- Kolhapur (New) 765 Kv D/C TL (initially Charged at 400 K	11/12/15	61/TT/2015	26/05/16
14	System Strengthening - XVII in Southern Regional Grid	1st Ckt of Narendra (New,Kudigi)-Kolhapur (New) 765 D/C TL (initially charged at 400 KV) along with	19/11/15	61/TT/2015	26/05/16
15	System Strengthening in SR - XXII	765KV S/C Kurnool (New) - Raichur TL along with associated bays at Kurnool(new) and Raichur SS	15/12/15	264/TT/2015	12/05/16
16	Transmission System for Phase-I Generation Projects in ORISSA-Part- A.	LILO of 1 Ckt of 400KV D/C Talcher-Meramundali Line at Angul and Associated Bays at Angul	01/04/14	252/TT/2015	19/12/16
16	Transmission System for Phase-I Generation Projects in ORISSA-Part- A.	1 No of 765/400 KV 3X500 MVA Transformer (ICT-II) at Angul Pooling Stn. Associated bays	04/05/15	246/TT/2014	19/12/16
16	Transmission System for Phase-I Generation Projects in ORISSA-Part- A.	765 KV S/C Angul-Jharsunda (Sundargarh) Line-I along with 765 KV Bays 709L & 709R at Angul P	27/01/16	252/TT/2015	19/12/16
16	Transmission System for Phase-I Generation Projects in ORISSA-Part- A.	2 No. 765kV bays at Sundergarh for 765KV D/C Sundergarh-Dharamjaygarh TL	31/07/14	246/TT/2014	19/12/16
16	Transmission System for Phase-I Generation Projects in ORISSA-Part- A.	765 KV S/C Angul-Sundergarh (Line-II) Transmission Line and its bays with 1 no. 3X80 MVAR Line	04/04/15	246/TT/2014	19/12/16
16	Transmission System for Phase-I Generation Projects in ORISSA-Part- A.	1 No 3X500 MVA , 765/400/33 KV Transformer ICT-I at Sundargarh Pooling Stn (Jharsuguda)	03/11/14	246/TT/2014	19/12/16
16	Transmission System for Phase-I Generation Projects in ORISSA-Part- A.	1 Set of Transformer (3X500 MVA ICT-I) along with 765 KV Bay at 765/400 KV Angul P/S	04/04/15	246/TT/2014	19/12/16
16	Transmission System for Phase-I Generation Projects in ORISSA-Part- A.	1 No 3x80 MVAR ,Bus Reactor-II at Sundargarh Pooling Stn (Jharsuguda)	28/09/14	246/TT/2014	19/12/16
16	Transmission System for Phase-I Generation Projects in ORISSA-Part- A.	1 Set of Bus Reactor (3X110 MVA BR-I) along with 765 KV Bay at 765/400 KV Angul P/S	04/04/15	246/TT/2014	19/12/16

## Project completed during FY 2015-16

S. No.	Project Description	Element description	DOCO	Order No	Order date
16	Transmission System for Phase-I Generation Projects in ORISSA-Part- A.	2 Nos 765 KV Bays 1 No 765/400/33 KV Transformer (3*500 MVA ICT-II) at Sundargarh	01/08/14	246/TT/2014	19/12/16
16	Transmission System for Phase-I Generation Projects in ORISSA-Part- A.	1 NO 80 mvar 765 kv Bus Reactor-I (3/80 MVAR) alongwith bays at Sunargarh Pooling Stn.	31/07/14	246/TT/2014	19/12/16
16	Transmission System for Phase-I Generation Projects in ORISSA-Part- A.	1 Set of Bus Reactor (3X110 MVA BR-II) along with 765 KV Bay at 765/400 KV Angul P/S	04/04/15	252/TT/2015	19/12/16
16	Transmission System for Phase-I Generation Projects in ORISSA-Part- A.	1 no (3X500) MVA Transformer (3rd) along with its Bay at Angul	27/01/16	252/TT/2015	19/12/16
16	Transmission System for Phase-I Generation Projects in ORISSA-Part- A.	1 Set of Transformer (3X500 MVA ICT-IV) along with 765 KV Bay at 765/400 KV Angul P/S	04/04/15	252/TT/2015	19/12/16
16	Transmission System for Phase-I Generation Projects in ORISSA-Part- A.	01 Nos. 3X80 MVAR Line Reactor of 765 kV S/C Angul Sundargarh line II as Bus reactor at Sundargarh	04/04/15	246/TT/2014	19/12/16
16	Transmission System for Phase-I Generation Projects in ORISSA-Part- A.	Combined 08 Nos Assets under Petition No. 112/TT/2013	25/04/13	263/TT/2017	31/07/18
17	Radial Interconnection Between India (NER) and Bangladesh - India Portion	400 kV D/C Surjyamaninagar (Tripura)-Indo- Bangladesh Border T/L (operated at 132 kV)	18/03/16	18/TT/2016	08/12/16
17	Radial Interconnection Between India (NER) and Bangladesh - India Portion	2 Nos. of 132 KV line bays of 400 KV D/C Surjyamaninagar (Tripura)- Indo Bangladesh Border TL (operated at 132 KV) at Surjyamani	14/04/16	18/TT/2016	08/12/16
18	Eastern Region Strengthening Scheme - VIII	1 no 125 MVAR Bus Reactor and associated bay at 400 kV Rourkela S/S	02/02/15	142/TT/2015	18/03/16
18	Eastern Region Strengthening Scheme - VIII	1 No. of 400 KV 125 MVAR Bus Reactor alongwith associated bay at 400/220 KV Muzaffarpur s/s	05/03/15	475/TT/2015	23/05/16
18	Eastern Region Strengthening Scheme - VIII	1 No. 400 KV 125 MVAR Bus Reactor-I (Replacing existing 63 MVAR Bus Reactor) at 40/220 KV Muzaffarpur	01/04/15	475/TT/2015	23/05/16
18	Eastern Region Strengthening Scheme - VIII	01 No. of 1x125 MVAR Bus Reactor and associated bay at 400 KV Indravati S/S	03/08/15	174/TT/2015	22/03/16
18	Eastern Region Strengthening Scheme - VIII	One No. of 1x125 MVAR Bus Reactor and associated bay at 400 KV Jeypore S/S	02/12/15	174/TT/2015	22/03/16
18	Eastern Region Strengthening Scheme - VIII	1X500MVA, 400/220 kV ICT at Subhasgram along with associated bays at Subhasgram	29/01/15	206/TT/2016	29/09/17
19	Provision of 400KV Bays at Shujalpur for Part ATS of RAPP 7 & 8	1 No. of 400 KV bay alongwith 50 MVAR line reactor for Ckt-I of 400 KV RAPP Shujalpur TL (IPTC Line)	04/02/16	106/TT/2016	26/10/2016
19	Provision of 400KV Bays at Shujalpur for Part ATS of RAPP 7 & 8	1 No. of 400 KV bay alongwith 50 MVAR line reactor for Ckt-II of 400 KV RAPP Shujalpur TL (IPTC Line)	28/02/16	106/TT/2016	26/10/2016
20	Trans. System for connectivity for NCC Power Project LTD	400 kV D/C (Quad) NCC Generation Switchyard Nellore Pooling Station Line	22/03/16	262/TT/2015	23/05/16
21	Eastern Region Strengthening Scheme - XIII	Reconducting of both ckt of Farakka-Malda 400 kV D/C TL (ckt-I & ckt-II) with HTLS conductor and Upgradation/Replacement of ass	02/04/16	13/TT/2016	30/06/16
22	Aug. of Transformation Capacity in Northern Region & Eastern Region	01 No 400 kV ,125 MVAR Bus reactor at 400 kV Biharshariff S/S along with associated bay	30/03/15	498/TT/2014	18.03.2016
22	Aug. of Transformation Capacity in Northern Region & Eastern Region	220/132 kV 160 MVA ICT I at Purnea Substation along with associated bays	03/04/16	257/TT/2015	26.05.2016
22	Aug. of Transformation Capacity in Northern Region & Eastern Region	220/132 KV 160 MVA ICT-II at Purnea S/s	11/06/15	257/TT/2015	26.05.2016
22	Aug. of Transformation Capacity in Northern Region & Eastern Region	COMBINED ASSETS OF AUGMENTATION PART 1 NR and ER	01/12/13	134/TT/2017	24.09.2018

### Project completed during FY 2016-17

S. No.	Project	Element description	DOCO	Order No	Order date
1	Transmission System Associated with KRISHNAPATNAM UMPP - Part - B.	Combined Asset under Krishnapatnam UMPP Part-B	01/01/14	101/TT/2018	10/12/18
1	Transmission System Associated with KRISHNAPATNAM UMPP - Part - B.	Comb Assets of 765 KV S/s Solapur-Pune TL & LILO of 400 KV D/C Pune-Parli at GIS with associated bays & equipments, 2X1500 MVA 7	06/03/15	418/TT/2014	31/05/16
1	Transmission System Associated with KRISHNAPATNAM UMPP - Part - B.	LILO of 400 kV D/C Aurangabad - Pune T/L at Pune GIS	05/04/16	418/TT/2014	31/05/16
2	Transmission System for Phase-I Generation Projects in Jharkhand and West Bengal - Part - A2.			450/TT/2014	26/02/2016
3	Trans. System Associated with Meja TPS.	400 KV D/C Meja-Allahabad TL along with associated bays at Allahabad	10/11/16	203/TT/2016	07/11/19
3	Trans. System Associated with Meja TPS.	400 KV D/C Meja-Allahabad TL along with associated bays at Allahabad	10/02/17	203/TT/2016	07/11/19
4	North Eastern Region Strengthening Scheme -II (Part-A)	132/33kV 50 MVA 3PH AUTO TRANSFORMER (ICT I) AT 132/33kV NIRJULI SUBSTATION	14/02/16	513/TT/2019	06/05/20
4	North Eastern Region Strengthening Scheme -II (Part-A)	132/33kV 50MVA 3PH AUTO TRANSFORMER (ICT-II) AT NIRJULI SUBSTATION	29/03/16	513/TT/2019	06/05/20
4	North Eastern Region Strengthening Scheme -II (Part-A)	00/220/33kV 315MVA 3 PH AUTO TRANSFORMER (ICT II) AT BALIPARA SUBSTATION	28/05/16	513/TT/2019	06/05/20
5	Northern Regional Transmission Strengthening Scheme	Combined Asset of all elements covered under petition 89 TT 2012.	01/08/12	290/TT/2015	18/04/2016
5	Northern Regional Transmission Strengthening Scheme	Combined Asset in NRTSS (200/TT/2018)	20/04/13	200/TT/2018	12/03/19
5	Northern Regional Transmission Strengthening Scheme	Feeder-Dooni & Feeder-Sez 220 KV bay at 400/220 KV Jaipur South S/s alongwith bays	18/10/14	195/TT/2016	28/09/2017
5	Northern Regional Transmission Strengthening Scheme	50 MVAR Bus Reactor 2 & 3 at 400/220 KV Bassi S/s	11/11/15	195/TT/2016	28/09/2017
5	Northern Regional Transmission Strengthening Scheme	400 KC FSC in Ballia-I & II bays at Sohawal S/s of 400 KV D/C Ballia-Sohawal line	12/02/16	195/TT/2016	28/09/2017
5	Northern Regional Transmission Strengthening Scheme	400 KC FSC in Ballia-I & II bays at Sohawal S/s of 400 KV D/C Ballia-Sohawal line (only FSC)	12/02/16	195/TT/2016	28/09/2017
5	Northern Regional Transmission Strengthening Scheme	LILO of Ck-II of 400 KV D/C Lucknow-Bareilly TL at Shahjahanpur 13-6-2014	13/06/14	33/TT/2015	30/04/2016
5	Northern Regional Transmission Strengthening Scheme	315 MVA 400/220 KV ICT-I with 3 nos of 220 KV line bays at Shahjahanpur	15/06/14	33/TT/2015	30/04/2016
5	Northern Regional Transmission Strengthening Scheme	400/220 KV 500 MVA ICT-II alongwith associated bays at Shahjahanpur S/s	26/09/14	33/TT/2015	30/04/2016
5	Northern Regional Transmission Strengthening Scheme	Extn. Of 400/220 KV GIS Gurgaon (POWERGRID)	16/01/15	33/TT/2015	30/04/2016
5	Northern Regional Transmission Strengthening Scheme	2 * 50 MVAR Bus Reactor at 400/220 kV Bareilly SS alongwith associated bays(Exising Line Reactor retained and used as Bus Reacto	01/04/14	33/TT/2015	30/04/2016
5	Northern Regional Transmission Strengthening Scheme	125 MVAR Bus Reactor at Shahjahanpur DOCO 01.04.2015	01/04/15	33/TT/2015	30/04/2016
5	Northern Regional Transmission Strengthening Scheme	1. 315 MVA, 400/200kV ICT-I & associated bays and 3 Nos. 220kV Line bays at Saharanpur Sub-Station 2. 315 MVA, 400/200kV ICT-I	09/05/16	272/TT/2015	20/09/2017
5	Northern Regional Transmission Strengthening Scheme	4 nos 220kV Line bays at Saharanpur S/Stn	09/05/16	272/TT/2015	20/09/2017



S. No.	Project	Element description	DOCO	Order No	Order date
5	Northern Regional Transmission Strengthening Scheme	15.5 Km Loop in portion of the line section to provide arrangement for evacuating ROJA power out of the LILO of both Ckts of 400	01/04/12	04/TT/2015	26/02/2016
5	Northern Regional Transmission Strengthening Scheme	400 /220 KV 315 MVA ICT-III at Bhiwadi S/s alongwith associated bays	01/04/12	04/TT/2015	26/02/2016
5	Northern Regional Transmission Strengthening Scheme	1X63 MVAR 400 KV Bus Reactor-I at Sohawal S/s	29/07/17	375/TT/2018	23/01/2020
5	Northern Regional Transmission Strengthening Scheme	1X63 MVAR 400 KV Bus Reactor-I at Sohawal S/s (only Bus Reactor)	29/07/17	375/TT/2018	23/01/2020
5	Northern Regional Transmission Strengthening Scheme	1X63 MVAR 400 KV Bus Reactor-II at 400/220 KV Sohawal S/s	07/05/18	375/TT/2018	23/01/2020
5	Northern Regional Transmission Strengthening Scheme	1X63 MVAR 400 KV Bus Reactor-II at 400/220 KV Sohawal S/s (Only Bus Reactor)	07/05/18	375/TT/2018	23/01/2020
5	Northern Regional Transmission Strengthening Scheme	2 Nos 220 KV line Bays of 220 KV Sohawal(PG)-Sohawal (UP)	05/03/17	375/TT/2018	23/01/2020
5	Northern Regional Transmission Strengthening Scheme	2 Nos 220 KV Line Bays No. 208 & 209 (Barabanki I & II of UPPTCL) at 440/220 KV Sohawal S/s	12/02/17	375/TT/2018	23/01/2020
5	Northern Regional Transmission Strengthening Scheme	2 Nos. 220 KV line bays at Sohawal S/s for Sohawal (PG)-Tanda (UP) TL	12/12/18	375/TT/2018	23/01/2020
5	Northern Regional Transmission Strengthening Scheme	2 Nos 220 KV Line Bays No. 206 & 207 of Shahjahanpur (PG) -Shahjahanpur (UPPTCL) at 440/220 KV Shahjahanpur S/s	03/11/16	375/TT/2018	23/01/2020
5	Northern Regional Transmission Strengthening Scheme	01 Nos 220 KV Line Bays No. 210 of Shahjahanpur (PG) -Shahjahanpur (UPPTCL) at 440/220 KV Shahjahanpur S/s	05/08/16	375/TT/2018	23/01/2020
5	Northern Regional Transmission Strengthening Scheme	01 Nos 220 KV Line Bays No. 211 of Shahjahanpur (PG) -Shahjahanpur (UPPTCL) at 440/220 KV Shahjahanpur S/s	05/08/16	375/TT/2018	23/01/2020
5	Northern Regional Transmission Strengthening Scheme	2 Nos. 220 KV Line Bays (Vatika-I & Vatika-II) at 400/220 KV Jaipur (South) S/s	14/05/17	375/TT/2018	23/01/2020
5	Northern Regional Transmission Strengthening Scheme	2 Nos. 220 KV Line Bays (211 & 212)) at 400/220 KV Jaipur (South) S/s	28/09/17	375/TT/2018	23/01/2020
6	Northern Regional System Strengthening Scheme - XXI	400 KV 125 MVAR Bus Reactor at Roorkee S/s	01/02/13	489/TT/2014	19/02/16
6	Northern Regional System Strengthening Scheme - XXI	765 kV S/C Bareilly- Lucknow TL at 400 kV level	01/04/14	107/TT/2014	25/04/16
6	Northern Regional System Strengthening Scheme - XXI	One Circuit of 400kV Bareilly (new) - Bareilly (existing) TL	01/04/14	107/TT/2014	25/04/16
6	Northern Regional System Strengthening Scheme - XXI	1st Ckt of 400 KV D/C Bareilly (Powergrid-765 KV) Kashipur (PTCUL) TL and associated bays	23/04/15	263/TT/2015	30/05/16
6	Northern Regional System Strengthening Scheme - XXI	2nd Ckt of 400 KV D/C Bareilly (Powergrid-765 KV) Kashipur (PTCUL) TL and associated bays	24/04/15	263/TT/2015	30/05/16
6	Northern Regional System Strengthening Scheme - XXI	Associated bays of 1st Ckt of 400 KV D/C Bareilly (765KV)-Bareilly (400 KV) Transmission	25/04/15	263/TT/2015	30/05/16
6	Northern Regional System Strengthening Scheme - XXI	765 KV 3X80 MVAR Bus Reactor alongwith associated bay at Bareilly S/s	05/07/15	263/TT/2015	30/05/16
6	Northern Regional System Strengthening Scheme - XXI	765/400 KV 1500 MVA ICT-II alongwith associated bays at Bareilly (New) S/s	31/08/15	263/TT/2015	30/05/16
6	Northern Regional System Strengthening Scheme - XXI	400 KV D/C (Quad) Kashipur (PTCUL) -Roorkee (Powergrid) TL Ckt-I & Ckt-II alongwith	25/12/15	263/TT/2015	30/05/16
6	Northern Regional System Strengthening Scheme - XXI	Comb Assets of (1)Associated bays of 400 KV S/C Lucknow-Bareilly TL including 3X80 MVAR	01/04/15	263/TT/2015	30/05/16

S. No.	Project	Element description	DOCO	Order No	Order date
7	Northern Regional System Strengthening Scheme - XIX	80MVAR Bus Reactor at Kaithal	01/07/11	478/TT/2014	14/03/16
7	Northern Regional System Strengthening Scheme - XIX	LILO of both Ckts of 400 KV (Quad) D/C Merrut-Kaithal 400 KV D/C TL with 4 Nos associated bays and 125 MVAR Bus Reactor and 1	08/05/16	253/TT/2015	30/06/16
7	Northern Regional System Strengthening Scheme - XIX	500 MVA, 400/220 KV ICT-II alongwith associated bays at Bagpat S/s	03/07/16	221/TT/2016	13/10/17
7	Northern Regional System Strengthening Scheme - XIX	02 Nos. 220 kV bays(202 &203) at Baghpat S/s	11/09/16	221/TT/2016	13/10/17
7	Northern Regional System Strengthening Scheme - XIX	1 Nos 220 KV Line Bays No. 206 at 400/220 KV Bagpat S/s	20/08/16	268/TT/2018	01/10/19
7	Northern Regional System Strengthening Scheme - XIX	Asset-I: One No. 220kv line Bays (205 no. Bay) associated with Baghpat GIS Substation	03/07/16	268/TT/2018	01/10/19
7	Northern Regional System Strengthening Scheme - XIX	Asset-II: One No. 220kv line Bays (210 no. Bay) associated with Baghpat GIS Substation	03/07/16	268/TT/2018	01/10/19
7	Northern Regional System Strengthening Scheme - XIX	Asset-IV: One No. 220kv line Bays (207 no. Bay) associated with Baghpat GIS Substation	26/01/17	268/TT/2018	01/10/19
7	Northern Regional System Strengthening Scheme - XIX	Asset-V: One No. 220kv line Bays (212 no. Bay) associated with Baghpat GIS Substation	26/01/17	268/TT/2018	01/10/19
8	Northern Region System Strengthening Scheme -XXVII	Extension of Chamera 400/220 KV Pooling Stn. (GIS)-I No. of 220 KV Line bay	06/08/14	62/TT/2015	27/05/16
8	Northern Region System Strengthening Scheme -XXVII	LILO of 400 KV S/C Dehar-Panipat line at Panchkula	02/04/15	62/TT/2015	27/05/16
8	Northern Region System Strengthening Scheme -XXVII	400 KV Anta bays at Kota S/s for 400 KV S/C Anta-Kota line (Line owned by RVPNL)	19/03/16	264/TT/2017	20/07/18
8	Northern Region System Strengthening Scheme -XXVII	LILO of 400 kV S/C DEHAR - BHIWANI TL at RAJPURA S/S alongwith associated bays at RAJPURA	27/06/16	62/TT/2015	27/05/16
9	Transmission System for Phase-I Generation Projects in Jharkhand and West Bengal - Part - A1.	400 kV D/C Ranchi (New)-Chandwa Gaya Line alongwith associated bays at Ranchi(New) Chandwa (GIS) and Gaya S/S and 2X125 MVAR 40	12/07/16	90/TT/2016	29/07/16
10	Northern Region System Strengthening Scheme - XXVIII	765kV Gaya Bay of LILO (Loop in portion) of 765kV S/C Gaya-Fatehpur T/L including 240MVAR non-switchable line reactor at	01/04/16	277/TT/2015	30/05/16
10	Northern Region System Strengthening Scheme - XXVIII	One ckt of 400 KV D/C Sasaram-Allahabad line to be shifted from NR to ER bus at Sasaram S/S	25/07/16	277/TT/2015	30/05/16
11	S/s extn. works associated with Trans. System Required for Evacuation of Power from Kudgi TPS (3x800 MW -Ph-I) of NTPC	2 NoS 400 KV Line bays at Narendra (New) & 2 Nos 400 KV Line bays at Madhugiri (Tumkur) 2X63 MVAR (Fixed) line reactor (with 60	24/09/16	215/TT/2016	09/07/18
11	S/s extn. works associated with Trans. System Required for Evacuation of Power from Kudgi TPS (3x800 MW -Ph-I) of NTPC	2 Nos 400 KV Line bays at Bidadi for Madhugiri (Tumkar)-Bidadi 400 KV D/C (Quad) line	03/04/17	215/TT/2016	09/07/18
11	S/s extn. works associated with Trans. System Required for Evacuation of Power from Kudgi TPS (3x800 MW -Ph-I) of NTPC	4 Nos. 400 KV Line bays at Narendra (New,Kudigi) for Kudigi -Narendra (New Kudigi ) 400 KV 2XD/C Quad lines	11/12/15	201/TT/2015	24.02.2016

S. No.	Project	Element description	DOCO	Order No	Order date
11	S/s extn. works associated with Trans. System Required for Evacuation of Power from Kudgi TPS (3x800 MW -Ph-I) of NTPC	2 NOS 400 KV line bays at Madhugiri (Tumkur) for Madhugiri (Tumkur)-Bidadi 400 KV D/C (Quad) line	25/08/16	215/TT/2016	09.07.2018
12	Northern Region System Strengthening Scheme -XXV			84/TT/2019	OA
12	Northern Region System Strengthening Scheme -XXV			208/TT/2015	26/04/16
13	Provision of 400KV Bays at Fatehpur for associated Trans. System of Unchahar TPS.	2 No. 400 KV Line bays at Fatehpur 400/220 KV S/s	21/12/16	48/TT/2017	15/11/17
14	Transmission System for Transfer of Power from Generation Project in SIKKIM to NR/WR Part - A.	LILO of both circuit of Siliguri-Purnea 400 kV D/C line along with associated 400 KV Bays and LILO of both circuit of Siliguri D	18/03/16	258/TT/2015	26/05/16
14	Transmission System for Transfer of Power from Generation Project in SIKKIM to NR/WR Part - A.	400/220 KV,500 MVA ICT-I with associated bays at Kishanganj Sub-Station	05/10/16	258/TT/2015	26/05/16
14	Transmission System for Transfer of Power from Generation Project in SIKKIM to NR/WR Part - A.	400 KV 125 MVAR Bus Reactor-II alongwith associated bay at Kishanganj (GIS) S/s	09/12/16	258/TT/2015	26/05/16
15	Sub station extn. works associated with Eastern Region Strengthening Scheme-VI	2 Nos of 400 KV line bays at Muzaffarpur S/s for termination of Muzaffarpur (PG)-darbhanga (TRCB) 400 KV D/C (Triple Snowbird)	21/04/17	209/TT/2016	01/09/17
16	Transmission System for Phase-I Generation Projects in Jharkhand and West Bengal - Part - B.	765 KV 3X80 MVAR Bus Reactor-II at Jhatikara S/s	28/11/15	274/TT/2015	31/05/16
16	Transmission System for Phase-I Generation Projects in Jharkhand and West Bengal - Part - B.	LILO of One Circuit of 400 kV D/C Sasaram-Allahabad T/L at Varanasi GIS S/S along with associated bays	01/04/16	274/TT/2015	31/05/16
16	Transmission System for Phase-I Generation Projects in Jharkhand and West Bengal - Part - B.	Combined Assets of (1) 765 KV D/C Varanasi-Kanpur (2)765 KV S/C Kanpur(New)-Jhatikara (3)400 KV Quad Kanpur(New)-Kanpur(Old) (4)	14/07/16	274/TT/2015	31/05/16
16	Transmission System for Phase-I Generation Projects in Jharkhand and West Bengal - Part - B.	400 KV (Quad) Varanasi (PG)-Sarnath (UP) TL-I & II	22/10/16	205/TT/2016	30/08/17
16	Transmission System for Phase-I Generation Projects in Jharkhand and West Bengal - Part - B.	1X125 MVAR , 400KV Bus reactor at 765/400kv Varanasi substation	01/10/16	274/TT/2015	31/05/16
16	Transmission System for Phase-I Generation Projects in Jharkhand and West Bengal - Part - B.	1X125 MVAR 420 KV Bus Ractor at 765/400 KV GIS Kanpur	02/09/16	274/TT/2015	31.05.2016
17	Provision of 400KV Bays for line under Northern Region System Strengthening Scheme - XXXI	2 Nos Line Bay at Amritsar 400/220 KV S/s Extension	03/04/17	60/TT/2017	30/11/17
17	Provision of 400KV Bays for line under Northern Region System Strengthening Scheme - XXXI	(i) 2 Nos Line Bay at Malerkotla GIS 400/220 KV S/s	03/04/17	60/TT/2017	30/11/17
17	Provision of 400KV Bays for line under Northern Region System Strengthening Scheme - XXXI	(ii) 2 Nos Line Bay at Malerkotla GIS 400/220 KV S/s	18/01/17	60/TT/2017	30/11/17

S. No.	Project	Element description	DOCO	Order No	Order date
17	Provision of 400KV Bays for line under Northern Region System Strengthening Scheme - XXXI	2 Nos 400 KV Malerkotla Bays at 400/220 KV GIS S/s at Kurukshehra	01/12/16	61/TT/2018	07/01/20
18	Establishment of Pooling Station at Champa and Raigarh (near Tamnar) for IPP Gen. Proj. in Chhatisgrh -B	765 kV S/C Champa Pooling Station - Dharamjaygarh S/S T/L & Bays at Dharamjaygarh S/S only. Ant.	24/05/14	260/TT/2015	31/05/16
18	Establishment of Pooling Station at Champa and Raigarh (near Tamnar) for IPP Gen. Proj. in Chhatisgrh -B	Bay Extension at 765 KV Raipur Pooling Stn. With line shunt reactor for 765 KV Champa-I line bay-Charged as Bus Reactor	26/05/14	45/TT/2014	15/02/16
18	Establishment of Pooling Station at Champa and Raigarh (near Tamnar) for IPP Gen. Proj. in Chhatisgrh -B	765 KV D/C Champa Pooling Stn.- Raipur Pooling Stn. Line and associated bays only at Raipur PS	24/05/14	45/TT/2014	15/02/16
18	Establishment of Pooling Station at Champa and Raigarh (near Tamnar) for IPP Gen. Proj. in Chhatisgrh -B	765/400 KV 1500 MVA ICT-I alongwith associated bays at Champa PS	13/06/15	260/TT/2015	31/05/16
18	Establishment of Pooling Station at Champa and Raigarh (near Tamnar) for IPP Gen. Proj. in Chhatisgrh -B	765 KV S/C Raigarh (Kotra) ( PS - Champa PS TL along with associated bays at Raigarh (Kotra) end.	31/05/15	260/TT/2015	31/05/16
18	Establishment of Pooling Station at Champa and Raigarh (near Tamnar) for IPP Gen. Proj. in Chhatisgrh -B	Combined asset for assets under IPPs Generation in Chattisgarh (Set-B)	01/12/13	96/TT/2017	11/09/17
19	Common System Associated with East Coast Energy Pvt. Ltd and NCC Power Projects Ltd. LTOA Gen. Proj. in Srikakulam -Part-A	765 KV D/C Angul Srikakulam TL along with establishment of 765 KV Pooling station at Srikakulam	01/02/17	230/TT/2016	19/07/18
20	Northern Region System Strengthening Scheme - XVIII	315 MVA 400/220 KC ICT-I & II alongwith associated bays & One No. 220 LV line bay (Jhajra-I & II) and 80 MVAR Bus Reactor with	03/02/17	55/TT/2017	30/11/17
20	Northern Region System Strengthening Scheme - XVIII	One Ckt of 400 KV Dehradun-Bagpat line alongwith associated bays at Dehradun & Bagpat S/s, 400 KV Dehradun-Roorkee line alongwi	31/01/17	55/TT/2017	30/11/17
21	System Strengthening in Northern Region for SASAN & MUNDRA (UMPP)	125 MVAR switchable Bus Reactor at Ratangarh	03/02/15	199/TT/2015	28/04/16
21	System Strengthening in Northern Region for SASAN & MUNDRA (UMPP)	Second Ckt of 400 KV D/C Sikar-Ratangarh line	11/02/15	199/TT/2015	28/04/16
21	System Strengthening in Northern Region for SASAN & MUNDRA (UMPP)	Combine assets of LILO of 1st and IInd of Sikar-Ratangarh and ICT I and II at Sikar LILO of 1st and 2nd ckt of Ibaki Abdullah	01/03/12	186/TT/2015	30/03/16
21	System Strengthening in Northern Region for SASAN & MUNDRA (UMPP)	One Ckt of 400 KV D/C Sikar-Ratangarh line	11/02/15	199/TT/2015	28/04/16
21	System Strengthening in Northern Region for SASAN & MUNDRA (UMPP)	400 KV D/C Sikar-Jaipur line alongwith associated bays at Sikar S/s and Bassi S/s	16/02/17	69/TT/2017	06/12/17
21	System Strengthening in Northern Region for SASAN & MUNDRA (UMPP)	Combined element of 400 kv Agra-Sikar T/L & 02 nos 400 kv bays for 400 kv Agra-Sikar T/L including 2*50 MVAR line reactor under	01/01/14	64/TT/2018	23/04/19
22	System Strengthening in Raipur - Wardha Corridor for IPP Project in Chhattisgarh - Part - 6	Raipur Pooling Station-Wardha 765 KV D/C second line along with bay Extension at 765 KV Raipur PS and Wardha S/s	31/03/17	30/TT/2019	28/01/20
23	Sub station works associated with System Strengthening in SR for Inport of Power from ER.	2 Nos. 400KV Bays each at Khammam ( Existing) and Nagarjunasagar for terminaing Khammam-Nagarjunasagar 400 KV D/C line being imp	04/01/16	270/TT/2015	23/05/16
23	Sub station works associated with System Strengthening in SR for Inport of Power from ER.	LILO of Gazawaka- Vijaywada 400 kv S/c line at Vemagiri Pooling station along with assoicated bays	01/02/17	45/TT/2017	19/07/18



<b>S. No.</b>	<b>Project</b>	<b>Element decription</b>	<b>DOCO</b>	<b>Order No</b>	<b>Order date</b>
23	<b>Sub station works associated with System Strengthening in SR for Inport of Power from ER.</b>	Establishment of 765/400 KV GIS PS at Vemagiri with 1X1500 MVA 765/400 KV Transformer, 2 Nos 240 MVAR 765 KV & 1 No. 80 MVAR 400	01/02/17	45/TT/2017	19/07/18
23	<b>Sub station works associated with System Strengthening in SR for Inport of Power from ER.</b>	1X1500 MVA 765/400 KV Transformer and 1x1500 MVA Spare Transformer at Vemagiri S/s	31/03/17	45/TT/2017	19/07/18
24	<b>Installation of Bus Reactor &amp; ICT's in WR</b>			28/TT/2019	02/05/20

## Project completed during FY 2017-18

S. No.	project code	Element description	DOCO	Order No	Order date
1	Transmission System Associated with Darlipalli TPS	765 KV D/C Darlipalli- Sundargarh TL and associated bays (2 Nos) at 765 KV Sundargarh Pooling Station	26/04/17	70/TT/2017	21/11/17
2	POWERGRID work associated with Part-A of Trans. System for Gadawara STPS of NTPC.	2 Nos of 765 KV line bays at Jabalpur Pooling Station (for Gadawara STPS)	31/05/17	250/TT/2017	10/10/19
3	Transmission System Associated with KAKRAPAR APP - 3&4	400 KV D/C Kakrapar APP-Navsari T/L along with associated bays at Navsari GIS & 400 KV D/C Kakrapar APP-Vapi T/L Aalong with ass	29/06/17	118/TT/2017	03/10/18
4	Transmission System for Ultra mega Solar Park in Anantpur District, Andhara Pradesh - Part-A (Phase-I)	1 No 500 MVAR 400/220 KV Transformer at NP Kunta Pooling Station along & LILLO of 400 KV Kadapa (Cuddapha) -Kolar S/C line at NP	28/04/16	26/TT/2016	30/06/16
4	Transmission System for Ultra mega Solar Park in Anantpur District, Andhara Pradesh - Part-A (Phase-I)	2 Nos 500 MVA Transformers & 1X125 MVAR Reactor along with associated bays at NP Kunta S/s	11/07/16	26/TT/2016	30/06/16
4	Transmission System for Ultra mega Solar Park in Anantpur District, Andhara Pradesh - Part-A (Phase-I)	100 MVAR STATCOM at NP Kunta Pooling Station along with associated bays and equipment	04/06/17	133/TT/2017	29/06/18
5	Transmission System Associated with LARA STPS - I Gen. Proj. NTPC	400 kv D/C Lara STPS - I (NTPC) to Raigarh (Kotra) PS T/L along with	05/05/16	254/TT/2015	25/05/16
5	Transmission System Associated with LARA STPS - I Gen. Proj. NTPC	Lara (NTPC)-Champa (POWERGRID) 400 KV D/C (Quad) line along with associated	21/07/17	125/TT/2017	20/07/18
6	Transmission System Associated with Mauda Stage-II (2x660MW) Gen. Proj.	400 KV D/C Indore-Khandawa Ckt-1 & 2 Transmission line along with 2X80 MVAR Switchable line reactor at Indore end & associated b	01/01/17	191/TT/2017	03/10/18
6	Transmission System Associated with Mauda Stage-II (2x660MW) Gen. Proj.	Comb of (1)400 KV D/C Mauda-II Betul (Quad) line along with associated bays & 2X50 MVAR LR at Betul GIS (2)315 MVA 400/220 KV I	24/08/17	191/TT/2017	03/10/18
6	Transmission System Associated with Mauda Stage-II (2x660MW) Gen. Proj.	Combined asset under Transmission System associated with Mauda Stage – II (2x660 MW) Generation Project	06/07/17	48/TT/2020	06/08/20
7	Wardha - Hyderabad 765 KV Links	(i) Wardha-Nizamabad 765 KV D/C line (ii) Nizamabad-Dichpally 400 KV D/C line (iii) Establishment of 765/400 KV GIS stn. at w	24/04/17	39/TT/2017	29/11/17
7	Wardha - Hyderabad 765 KV Links	(i) Hyderabad (Maheshwaram)-Nizamabad 765 KV DC line (ii) 2 Nos 765 KV bays at Nizamabad (iii) 2 Nos 765 KV bays at Maheshwaram	31/08/17	208/TT/2017	20/09/18
8	Northern Regional System Strengthening Scheme - XVI	LILLO of both Ckt. Of 400 KV D/C Kishenpur-Wagoora T/L & 1 No. 315 MVA 400/220 KV ICT-I alongwith associated bays & 220 kv	01/10/13	161/TT/2017	09/10/18
8	Northern Regional System Strengthening Scheme - XVI	400/220 KV 125 MVAR Bus Reactor at New WanpohS/s	16/06/14	111/TT/2013	31/03/16
8	Northern Regional System Strengthening Scheme - XVI	400/220 KV 315 MVA ICT-II alongwith associated bays at New Wanpoh S/s	03/07/14	111/TT/2013	31/03/16
8	Northern Regional System Strengthening Scheme - XVI	400 KV D/C Kishenpur New Wanpoh Transmission line along with associated bays at both ends	31/07/17	62/TT/2018	07/03/19

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9	Sub station extn. for Transmission System associated with Vindhychal - V Project of NTPC (Part-A)	1X1500 MVA 765/400 KV ICT along with associated bays at Vindhychal Pooling Station	31/07/17	85/TT/2017	27/06/18
10	S/stn. extn. works associated with Eastern Region Strengthening Scheme -VII	2 Nos of 400 KV line bays along with 1X63 MVAR (Fixed) line reactor at Chaibasa	19/06/16	210/TT/2016	24/07/17
10	S/stn. extn. works associated with Eastern Region Strengthening Scheme -VII	1X63 MVAR (Fised) line reactor at Chaibasa under Sub-station Extension work	27/10/16	210/TT/2016	24/07/17
10	S/stn. extn. works associated with Eastern Region Strengthening Scheme -VII	2 Nos 400 KV line bays at Kharagpur of West Bengal	14/11/16	210/TT/2016	24/07/17
10	S/stn. extn. works associated with Eastern Region Strengthening Scheme -VII	2 Nos of 400 KV line bays alongwith 2X50 MVAR (FiXed) line reactor at 765/400 KV Ranchi S/s under substation extension	07/01/17	210/TT/2016	24/07/17
10	S/stn. extn. works associated with Eastern Region Strengthening Scheme -VII	2 Nos 400 KV line bays at Purulia PPSP Switchyard of West Bengal	26/07/17	63/TT/2018	03/12/18
11	Transmission System Associated with RAPP 7 & 8 - Part-A.	400 KV D/C RAPP-KOTA Transmission line alongwith assicated bay at Kota S/s	03/08/17	206/TT/2017	05/11/18
12	Installation of Transformer & Procurement of Spare Converter Transformer at Bhadrawati HVDC B/B Stn.	234 MVA Single Phase-3 winding Spare Converter Transformers-3 Nos	22/03/18	270/tt/2018	02/08/19
13	Sub station works associated with Hyderabad (Maheshwaram) Pooling Stn.	765/400 KV 1500 MVA ICT-II along with associated bays and equipment at Maheshwaram S/s, 1 No of 400 KV line bays	06/09/17	157/TT/2017	05/07/18
13	Sub station works associated with Hyderabad (Maheshwaram) Pooling Stn.	Establishment of 765/400 kV GIS Pooling Station at Hyderabad (Maheshwaram) with 1X1500MVA 765/400 kV Transformers-I and 2 nos 240 MVAR Bus Reactor 765 kV	31/08/17	157/TT/2017	05/07/18
14	WR - NR HVDC Interconnector for IPP Projects in Chattisgarh	Pole-I of 800 KV, 3000 MW Champa-Kurukshetra HVDC Terminals with 800 KV Champa-kurushetra HVDC Transmission Lines	24/03/17	13/TT/2017	22/02/18
14	WR - NR HVDC Interconnector for IPP Projects in Chattisgarh	Pole-II of 800 KV, Champa-Kurukshetra HVDC Terminals along with associated bays (1X1500 MW HVDV Terminals at Champa & Kurushetr	16/09/17	205/TT/2017	06/11/18
15	Strengthening Scheme in Northern Region			149/TT/2017	28/06/18
15	Strengthening Scheme in Northern Region			110/TT/2015	30/03/16
15	Strengthening Scheme in Northern Region			234/TT/2016	17/10/17
15	Strengthening Scheme in Northern Region			104/TT/2019	OA
16	Bus Reactors in Northern Region (Phase-II)	400 KV 125 MVAR Bus Reactor at Kaithal S/s	29/10/16	57/TT/2017	08/12/17
16	Bus Reactors in Northern Region (Phase-II)	400 KV 125 Bus Reactor at Panchkula S/s	23/10/16	57/TT/2017	08/12/17
16	Bus Reactors in Northern Region (Phase-II)	125 MVAR Bus reactor-II along with associated bay at Jainur(South) S/S	01/01/17	57/TT/2017	08/12/17
17	Transmission System Associated for Solapur STPP (2x660MW) -Part-A	Solapur (STPP)-Solapur (Powergrid) 400 KV D/C Quad line-2 along with associated bays at Solapur (Powergrid) S/s	01/10/17	59/TT/2017	09/10/18
18	Transmission System strengthening in Western part of WR for IPP Generation Projects in Chhatisgrh - part-D	765/400kV 1x1500 MVA ICT 1 at Aurangabad S/S	01/07/14	58/TT/2015	26/08/16

S. No.	project code	Element description	DOCO	Order No	Order date
18	Transmission System strengthening in Western part of WR for IPP Generation Projects in Chhatisgrh - part-D	80 MVAR, 400kV Switchable Line reactor for 400kV D/C Aurangabad - Boisar TL Ckt#1 charged as Bus reactor at Aurangabad S/S	02/10/14	58/TT/2015	26/08/16
18	Transmission System strengthening in Western part of WR for IPP Generation Projects in Chhatisgrh - part-D	80 MVAR, 400kV Switchable Line reactor for 400kV D/C Aurangabad - Boisar TL Ckt#2 charged as Bus reactor at Aurangabad S/S	01/10/14	58/TT/2015	26/08/16
18	Transmission System strengthening in Western part of WR for IPP Generation Projects in Chhatisgrh - part-D	765 KV D/C Wardha-Aurangabad Line-I TL & associated bays alongwith 765KV 3*80 MVAR Line Reactor at Aurangabad S/s	08/07/14	58/TT/2015	26/08/16
18	Transmission System strengthening in Western part of WR for IPP Generation Projects in Chhatisgrh - part-D	400/220 KV 1X500 MVA ICT-III alongwith associated bay at 400 KV Boisar S/s	02/01/15	58/TT/2015	29/04/16
18	Transmission System strengthening in Western part of WR for IPP Generation Projects in Chhatisgrh - part-D	400 KV 1X80 MVAR (3Ph) line reactor as Bus Reactor alongwith associated bay at 400 KV Boisar S/s ( For 400 KV D/C (Quad) Auranga	07/01/15	58/TT/2015	29/04/16
18	Transmission System strengthening in Western part of WR for IPP Generation Projects in Chhatisgrh - part-D	400 KV 1X80 MVAR (3Ph) line reactor as Bus Reactor alongwith associated bay at 400 KV Boisar S/s ( For 400 KV D/C (Quad) Auranga	11/01/15	58/TT/2015	29/04/16
18	Transmission System strengthening in Western part of WR for IPP Generation Projects in Chhatisgrh - part-D	combined asset	01/02/14	79/TT/2018	11/07/18
19	Transmission System Strengthening associated with Mundra UMPP (Part-A)	LILO of both Ckts of Mundra UMPP-Limbd 400 KV D/C (triple snowbird) TL along with 4 Nos 400 KV line bays at Bachau S/s	30/10/17	196/TT/2017	29/06/18
20	Provision of Line Bays for the Scheme -Connectivity Line for Maheshwaram (Hyderabad) 765/400KV PS.	02 Nos of 400 KV GIS line bays at Nizamabad (PG) for termination of Nizamabad-Yeddumailaram (Shankarpalli) 400 KV D/C line	21/10/17	156/TT/2017	09/07/18
20	Provision of Line Bays for the Scheme -Connectivity Line for Maheshwaram (Hyderabad) 765/400KV PS.	2 Nos of 400 KV GIS line bays at Maheshwaram (PG) for termination of Maheshram(PG)-Mehboob Nagar 400 KV D/C line	16/12/17	156/TT/2017	09/07/18
21	Static VAR Compensators (SVCs) in Northern Region	(+)-600/(-)400 MVAR SVC 400/220 KV at Ludhiana S/s	30/11/16	149/TT/2016	28/12/16
21	Static VAR Compensators (SVCs) in Northern Region	(-)-300/(+)-400 MVAR SVC along with associated bays at Kankroli	25/12/16	241/TT/2016	21/06/18
21	Static VAR Compensators (SVCs) in Northern Region	(+)-300 MVAR (-)-200 MVAR SVC at 400/220 KV New Wanpoh S/s	30/12/17	6/TT/2018	22/06/18
22	System Strengthening in North/West part of WR for IPP Proj. in Chhattisgarh. Part - E	765 kV, 240 MVAR Switchable Line Reactor of 765 kV D/C Aurangabad - Padhge Line ckt.#1 to be charged as Bus Reactor at Aurangaba	02/08/14	115/TT/2014	27/04/16
22	System Strengthening in North/West part of WR for IPP Proj. in Chhattisgarh. Part - E	765 kV, 240 MVAR Switchable Line Reactor of 765 kV D/C Aurangabad - Padhge Line ckt.#2 to be charged as Bus Reactor at Aurangaba	07/08/14	115/TT/2014	27/04/16
22	System Strengthening in North/West part of WR for IPP Proj. in Chhattisgarh. Part - E	400 KV Bays at GIS Vadodara for 400 KV Vadodara-Asoj Ckt-II	29/06/15	139/TT/2015	23/03/16
22	System Strengthening in North/West part of WR for IPP Proj. in Chhattisgarh. Part - E	400 KV bays at GIS Vadodara for 400 KV Vadodara-Asoj Ckt-I	08/06/15	139/TT/2015	23/03/16
22	System Strengthening in North/West part of WR for IPP Proj. in Chhattisgarh. Part - E	765 KV D/C Aurangabad - Padghe (POWERGRID) & 400 KV D/C Padghe (POWERGRID)-Padghe/Kudus (MSETCL) TL along with associated bays a	31/12/17	147/TT/2018	05/02/19
23	Northern Region System Strengthening Scheme -XXXII			200tt2016	31/10/17
23	Northern Region System Strengthening Scheme -XXXII			116tt2017	20/07/18
23	Northern Region System Strengthening Scheme -XXXII			255tt2018	10/04/19

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23	Northern Region System Strengthening Scheme -XXXII			147tt2016	28/10/16
24	Eastern Region Strengthening Scheme-XVII (Part-A)	Combined Assets (i) 220/132 KV , 1X160 MVA ICT-I at Daltonganj S/s (ii) 220/132 KV,	31/03/18	137/TT/2018	28.11.2019
24	Eastern Region Strengthening Scheme-XVII (Part-A)	02 Nos of 132 kV line bays at Daltonganj Substation for Daltonganj (PG)-Chatrapur /	02/09/18	137/TT/2018	28.11.2019
24	Eastern Region Strengthening Scheme-XVII (Part-A)	400/220 KV 500 MVA ICT-II along with 400 KV AIS bay & 220 KV GIS bay at Gaya S/s	09/02/19	458/TT/2020	OA
25	Augmentation of Transformation Capacity at Mainpuri & Sikar S/stn.	2 Nos 220 KV line bays at Mainpuri S/s	05/04/18	249/TT/2017	06/07/18
25	Augmentation of Transformation Capacity at Mainpuri & Sikar S/stn.	Extension of 400/220 KV Sikar S/s with 1X1500 MVA 400/220/33 KV Auto Transformer & associated transformer bays	31/03/18	249/TT/2017	06/07/18
25	Augmentation of Transformation Capacity at Mainpuri & Sikar S/stn.	Extension of 400/220 KV Sikar S/s with 2 Nos. 220 KV line bays	01/04/18	249/TT/2017	06/07/18
25	Augmentation of Transformation Capacity at Mainpuri & Sikar S/stn.	400/220 KV ,500 MVA ICT along with associated bays (No.401 & 205) at Mainpuri S/s	31/08/17	249/TT/2017	06/07/18
26	Northern Regional System Strengthening Scheme - XXIV	2 nos. 63 MVAR 400 kV Line Reactor at 400 kV Ballia(PG) S/S Extension	01/02/14	109/TT/2018	07/01/19
26	Northern Regional System Strengthening Scheme - XXIV	400 KV Ckt-II of Dehradun Abdullahpur D/C (Quad) line along with associated bay at	01/04/18	56/TT/2017	09/10/18
26	Northern Regional System Strengthening Scheme - XXIV	400KV D/C Ckt-I of Dehradun-Abdullapur D/C (Aquad) line along with associated bays	31/03/18	56/TT/2017	09/10/18
26	Northern Regional System Strengthening Scheme - XXIV	400kV D/C(Quad) Dulhasti-Kishenpur single circuit strung along with associated bays at	23/01/18	56/TT/2017	09/10/18
27	System Strengthening - XII of SR	LILO of 400 KV S/C Neelamangla-Hoody TL at New 400/220 KV GIS Site at Yelahanka	01/04/18	361/TT/2018	08/11/19
27	System Strengthening - XII of SR	2X500 MVA 400/220 KV ICT along with associated bays & equipment at 400/220 KV	01/04/18	361/TT/2018	08/11/19
27	System Strengthening - XII of SR	04 No. 220KV bays at 400/220kV Yelahanka Substation	01/04/18	361/TT/2018	08/11/19
28	Connectivity for Kudankulam 3&4 with Inter-state Transmission system	Extension o Kudankulam APP-Tiruneveli 400 KV (Qaud) D/C line to Tuticorin pooling station along with associated bays and equipme	10/03/18	110/TT/2017	29/06/18
29	Removal of Constraints in 400KV Bays Extn. at 400KV Vemagiri S/stn.	TL Both Ckt of 1st & 2nd LILO D/C portion of Simhadri-Vijayawada 400 KV at Vemagiri-I (AP) LILOed at Vimagiri-II (PG) (D/C Port	29/03/18	220/TT/2017	19/09/18
30	Transmission System for Development of Pooling Station in Northern region Part of West Bengal and Transfer of Power from BHUTAN to NR/WR.	LILO of Bongaigaon-Binaguri (Siliguri) 400 KV D/C line (Quad) , LILO OF Birpara-salakati 220 KV D/C line, 315 MVA 400/220	21/09/17	198/TT/2017	15/10/19
30	Transmission System for Development of Pooling Station in Northern region Part of West Bengal and Transfer of Power from BHUTAN to NR/WR.	800 KV Alipurduar-Agra HVDC Pole-III & IV (2X1500 MW HVDC Terminal at Alipurduar and Agra each) along with LILO of 800 KV	21/09/17	198/TT/2017	15/10/19
	TBCB				
1	Northern Region Strengthening Scheme - XXXI (Part-A)				

## Project completed during FY 2018-19

S. No.	project code	Element decription	DOCO	Order No	Order date
1	Inter-Regional System Strengthening Scheme in WR and NR (Part-B)	Conversion of existing Line Reactor at Gwalior end of Satna-Gwalior Ckt-I TL into Switchable Line Reactor	01/04/17	127/TT/2018	09/05/19
1	Inter-Regional System Strengthening Scheme in WR and NR (Part-B)	(i) Ckt-I of 765 KV D/C Orai-Aligarh line with associated bays including 240 MVAR line reactor at both ends (ii) 1000 MVA 765/400	15/04/18	127/TT/2018	09/05/19
1	Inter-Regional System Strengthening Scheme in WR and NR (Part-B)	(1)400 D/C Orai-Orai, 1000 MVA ICT-I Orai, 330 MVAR BR-I Orai (2)330 MVAR BR-II Orai (3)Ckt-II Orai-Aligarh (4)LILO of Kanpur-Jhatikara Aligarh, 330 MVAR BR-I Aligarh,330 MVAR Kanpur-Aligarh(5)LILO 765 S/C Agra-Meerut ,330 MVAR BR-II Aligarh(6)Bay Extn.	31/03/18	127/TT/2018	09/05/19
2	Western Region Strengthening Scheme - XV	2 Nos. 400 KV line bays at Parli & Solapur (POWRGRID) Switching Stn. (for Parli new (TBCB)-Parli (POWRGRID) 400 KV D/C (Quad) line under TBCB)	27/04/18	40/TT/2018	19/11/18
3	GREEN ENERGY CORRIDORS:- Inter State Transmission Scheme (ISTS) - Part - A	Comb element of (1) 400 KV D/C Ajmer (New)-Ajmer (RVPN) (2) Chittorgarh (New)-Chittorharh (RVPN) (3 to 6)765 KV 240 MVAR BR, 400	30/12/17	172/TT/2018	06/08/19
3	GREEN ENERGY CORRIDORS:- Inter State Transmission Scheme (ISTS) - Part - A	Comb element of (1) 765 KV 240 MVAR Bus Ractor along with associated bay at Ajmer(New) S/s (2) 765/400 KV 3X500 MVA ICT-II alon	31/12/17	172/TT/2018	06/08/19
3	GREEN ENERGY CORRIDORS:- Inter State Transmission Scheme (ISTS) - Part - A	2X400 KV D/C (Quad) Tirunveli PS- Tuticorin PS line along with new 400/230 KV (GIS) Tirunveli PS with 2X125 MVAR 400 KV Bus rea	10/06/18	172/TT/2018	06/08/19
3	GREEN ENERGY CORRIDORS:- Inter State Transmission Scheme (ISTS) - Part - A	2X500 MVA 400/230 KV Transformers along with assocaited bays & equipment at new 400/230 KV (GIS) Tirunveli PS	10/06/18	172/TT/2018	06/08/19
4	Augmentation of Transformation Capacity in Southern Region	1X500 MVA 400/230 KV ICT along with associated bays and equipment at Tirunelveli	31/03/18	110/TT/2018	06/06/19
4	Augmentation of Transformation Capacity in Southern Region	1X500 MVA 400/230 KV ICT along with associated bays and equipment at Arasur	31/03/18	110/TT/2018	06/06/19
4	Augmentation of Transformation Capacity in Southern Region	1X500 MVA 400/220 KV ICT along with associated bays and equipment at Karaikudi S/s	02/04/18	110/TT/2018	06/06/19
4	Augmentation of Transformation Capacity in Southern Region	1X500 MVA 400/220 KV ICT along with associated bays and equipment at Kozhikode S/s	03/04/18	110/TT/2018	06/06/19
4	Augmentation of Transformation Capacity in Southern Region	1X500 MVA 400/230 KV ICT along with associated bays and equipments at Pondicherry 400/230 KV S/s	22/06/18	110/TT/2018	06/06/19
5	Trans. System associated with DGEN TPS of Torrent Power Ltd.			365/TT/2018	OA
6	Common System Associated with East Coast Energy Pvt. Ltd and NCC Power Proj. Ltd. LTOA Gen. Proj. in Srikakulam area - Part-C	765/400 KV Srikakulam PS with 2 Nos 765 KV line bays & 2X220 MVAR Switchable LR each at Srikakulam & Angul for termination of bo	01/02/17	231/TT/2016	23/07/18
7	Provision of 400KV Bays for Northern Region System Strengthening Scheme - XXIX	02 No. 400 KV Line bays 400/220 KV Samba & Jallandhar Substation Extension	11/12/16	04/TT/2018	19/07/18
7	Provision of 400KV Bays for Northern Region System Strengthening Scheme - XXIX	02 Nos. 400 KV BAYS AT Samba for Amargarh (NRSS-XXIX) to Samba (POWRGRID) TL along with 02 Nos. 50 MVAR Non Switchable line reac	26/08/18	32/TT/2019	14/04/20

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8	Transmission System for Ultra mega Solar Park at Tumkur (Pavagada) Karnataka (Ph.-I)	New 400/220 KV Pooling Stn. at Tumkur (Pavagada) with 1X500 MVA 400/220 KV ICT along with associated bays & equipments	06/12/17	2/TT/2018	09/10/18
8	Transmission System for Ultra mega Solar Park at Tumkur (Pavagada) Karnataka (Ph.-I)	LILO of one Ckt of 400 KV Gooty-Tumkur (Vasantnarsapur) D/C line at Tumkur (Pavagada) Pooling Stn.	06/12/17	2/TT/2018	09/10/18
8	Transmission System for Ultra mega Solar Park at Tumkur (Pavagada) Karnataka (Ph.-I)	LILO OF 2nd Ckt of 400 KV Gooty-Tumkur (Vasantnarsapur) D/C line at Tumkur (Pavagada) Pooling station along with associated bays	01/02/18	2/TT/2018	09/10/18
8	Transmission System for Ultra mega Solar Park at Tumkur (Pavagada) Karnataka (Ph.-I)	1X500 MVA 400/220 KV ICT at 400/220 KV pooling station at Tumkur (Pavagada) along with associated bays & equipment	14/02/18	2/TT/2018	09/10/18
8	Transmission System for Ultra mega Solar Park at Tumkur (Pavagada) Karnataka (Ph.-I)	1X125 MVAR 400 KV Bus Reactor along with associated bays and equipment at 400/220 KV Tumkur (Pavagada) pooling station	31/03/18	2/TT/2018	09/10/18
8	Transmission System for Ultra mega Solar Park at Tumkur (Pavagada) Karnataka (Ph.-I)	LILO of 400 KV D/C Bellary-Tumkur (Vasantnarsapur) D/C (Quad Moose) TL at Tumkur (Pavagada) pooling station along with associat	31/03/18	2/TT/2018	09/10/18
8	Transmission System for Ultra mega Solar Park at Tumkur (Pavagada) Karnataka (Ph.-I)	Tumkur (Pavagada) pool-Hiryur 400 KV D/C line along with assocaited bays & equipment at both ends	27/09/18	49/TT/2019	28/04/20
8	Transmission System for Ultra mega Solar Park at Tumkur (Pavagada) Karnataka (Ph.-I)	3rd 500 MVA 400/220 KV ICT at 400/220 KV Pooling station at Tumkur (Pavagada) along with associated bays & equipment	12/07/18	2/TT/2018	09/10/18
9	System Strengthening in SR - XX	1X500 MVA 400/220/133 KV ICT at Malerkuttaiyur S/s	22/06/16	23/TT/2016	28/06/16
9	System Strengthening in SR - XX	1 x 500 MVA 400/220/33kV ICT at Mysore Substation	23/09/16	23/TT/2016	28/06/16
9	System Strengthening in SR - XX	1 x 500 MVA 400/220/33kV ICT at Somanahalli Substation	31/08/16	23/TT/2016	28/06/16
9	System Strengthening in SR - XX	Conversion of 50 MVAR line Reactor at Madakathara end of both Ckt of Ellapally (Palakad_-Madakathra (North Thrissur)	28/03/17	176/TT/2017	18/09/18
9	System Strengthening in SR - XX	1X500 MVA 400/220/132 KV ICT alongwith associated bay & equipment at Pugalur S/s	31/03/17	176/TT/2017	18/09/18
9	System Strengthening in SR - XX	1X125 MVAR 400 KV Bus Reactor-3 along with associated bays and equipment at Vijayawada S/s, 1X1500 MVA 400/220/33 KV ICT-3 assoc	27/03/17	176/TT/2017	18/09/18
9	System Strengthening in SR - XX	1X125 MVAR 400 KV Bus Reactor-4 along with associated bays and equipment at Vijayawada S/s	02/04/17	176/TT/2017	18/09/18
9	System Strengthening in SR - XX	1X500 MVA 400/220/33 KV ICT alongwith associated bays and equipments at Trichy S/s	10/06/17	35/TT/2019	30/04/20
9	System Strengthening in SR - XX	Replacement of existing 1X315 MVA 400/220 KV transformer with 1X1500 MVA transformer at Narendra S/s	14/12/17	176/TT/2017	18/09/18
9	System Strengthening in SR - XX	Replacement of existing 2nd 1X315 MVA 400/220 KV transformer with 1X1500 MVA transformer at 400/220 KV Narendra S/s (The replace	16/04/18	176/TT/2017	18/09/18
9	System Strengthening in SR - XX	1X500 MVA 400/220/33 KV ICT and associated bays each at Warangal & Khammam S/s	28/06/18	253/TT/2018	25/06/19
9	System Strengthening in SR - XX	1 No. 400/220 KV 500 MVA ICT-III along with associated bays and equipment at Gooty s/s	01/07/18	253/TT/2018	25/06/19



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9	System Strengthening in SR - XX	1X 500 MVA ICT-3 along with associated bays and equipment at 400/220 KV Kadapa S/s	01/10/18	253/TT/2018	25/06/19
10	Western Region Strengthening Scheme - XIV	500 MVA 400/220 KV ICT-II along with associated bays & 220 KV line bays at Itrasi S/s	14/08/17	37/TT/2018	15/11/18
10	Western Region Strengthening Scheme - XIV	1 x 500MVA, 400/220kV ICT-2 along with associated transformer bays & 2 no. 220kV line bays at 400/220kV Indore substation	02/09/18	311/TT/2018	21/01/20
10	Western Region Strengthening Scheme - XIV	2 no. 220kV line bays at 400/220kV Indore substation	02/09/18	311/TT/2018	21/01/20
10	Western Region Strengthening Scheme - XIV	1 x 500MVA, 400/220kV ICT-1 along with associated transformer bays at 400/220kV Indore substation	14/10/18	311/TT/2018	21/01/20
10	Western Region Strengthening Scheme - XIV	1 no. 220kV line bay at 400/220kV Indore substation	14/10/18	311/TT/2018	21/01/20
10	Western Region Strengthening Scheme - XIV	1 no. 220kV line bay at 400/220kV Indore substation	05/12/18	311/TT/2018	21/01/20
11	Eastern Region Strengthening Scheme-XIV	Modification of 132 KV bus arrangement including switchgear to double main (DM) scheme with GIS at 220/132 KV Birpara S/s	31/10/17	163/TT/2018	29/05/19
11	Eastern Region Strengthening Scheme-XIV	Installation of 400 KV 1X125 MVAR Bus Reactor along with GIS bay at Baripada S/s	30/06/18	271/TT/2018	04/10/19
11	Eastern Region Strengthening Scheme-XIV	Installation of 400 kv 125 MVAR Bus Reactor-II at Chaibasa S/s along with associated bays	28/07/18	271/TT/2018	04/10/19
11	Eastern Region Strengthening Scheme-XIV	1 No. 1X125 MVAR Bus Reactor and associated bay at 400 KV Durgapur S/s	02/08/18	271/TT/2018	04/10/19
11	Eastern Region Strengthening Scheme-XIV	Installation of 400 KV, 125 MVAR Bus Reactor II at Banka Substation alongwith associated bays	29/09/18	271/TT/2018	04/10/19
11	Eastern Region Strengthening Scheme-XIV	Installation of 400 KV 1X125 MVAR Bus Reactor along with bay at Bolangir S/s	30/09/18	271/TT/2018	04/10/19
11	Eastern Region Strengthening Scheme-XIV	Installation of 400 KV 1X125 MVAR Bus Reactor along with bay at Keonjhar S/s	01/11/18	271/TT/2018	04/10/19
11	Eastern Region Strengthening Scheme-XIV	Installation of 400kV, 125 MVAR Bus Reactor II at Lakhisarai Substation along-with associated bays	05/11/18	271/TT/2018	04/10/19
12	PG work associated with Additional System Strengthening of Chattisgarh IPP's (Part-B).	2 Nos. 765kV line bays at 765/400kV Raipur Pooling Station (POWERGRID) for Raipur PS (POWERGRID)- Rajnandgaon (TBCB) 765kV D/c line	30/11/18	16/TT/2019	05/10/20
13	Common System Associated with East Coast Energy Pvt. Ltd and NCC Power Projects Ltd. LTOA Gen. Proj. in Srikakulam area - Part - B	2 No. 330 MVAR Switchable Line Reactor charged as Bus Reactor at Dharamjaigarh 765/400 KV for 765 KV D/C Jharsugunda-Dharamjai	21/09/17	241/TT/2018	02/07/19
13	Common System Associated with East Coast Energy Pvt. Ltd and NCC Power Projects Ltd. LTOA Gen. Proj. in Srikakulam area - Part - B	765 KV Jharsuguda-Dharamjaigarh line along with associated bays at Jharsuguda end	03/11/18	360/TT/2018	30/09/19
13	Common System Associated with East Coast Energy Pvt. Ltd and NCC Power Projects Ltd. LTOA Gen. Proj. in Srikakulam area - Part - B	(i) Angul-Jharsaguda 765 KV 2nd D/C line(ii) Extension of 765/400 KV Angul S/s (iii) Extension of 765/400 KV Jharsuguda S/s (iv) 240 MVAR line reactor along with 800 Ohm NGR at each end of both the Ckt. Of Angul-Jharsuguda 765 KV D/C line	01/12/18	360/TT/2018	30/09/19

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14	Creation of 400/220KV S/Stn. in NCT of Delhi during 12th Plan Period (Part-B1)	Combines assets (1) LILO of both Ckt. Of Bamnauli-Samaypur 400 KV line at Tuglakabad along with associated bays (2) 2X500 MVA ICT-I & II at 400 KV GIS at Tuglakabad S/s along with associate 400 & 220 KV ICT bays (3) 400 KV 125 MVAR Bus Reactor at GIS Tug	14/10/18	338/TT/2018	31/10/19
14	Creation of 400/220KV S/Stn. in NCT of Delhi during 12th Plan Period (Part-B1)	500 MVA ICT-III at 400/220 KV GIS Tuglakabad S/s along with associated 400 & 220 KV ICT bays	28/11/18	338/TT/2018	31/10/19
14	Creation of 400/220KV S/Stn. in NCT of Delhi during 12th Plan Period (Part-B1)	500 MVA ICT-IV at 400/220 KV GIS Tuglakabad S/s along with associated 400 & 220 KV ICT bays	20/10/18	338/TT/2018	31/10/19
15	Common System Associated with Costal Energen Private Ltd and Ind-Barath Power Ltd. (LTOA) Gen. Proj. in Tuticorin area Part - B.	400 kv Salem pooling station (Dharmapuri) - Salem 400 kv D/C Quad line along with new 765/400kv pooling station at salem and Bay	23/10/16	71/TT/2017	21/11/17
15	Common System Associated with Costal Energen Private Ltd and Ind-Barath Power Ltd. (LTOA) Gen. Proj. in Tuticorin area Part - B.	Tuticorin Pooling Station-Salem Pooling Station 765 KV D/C line alongwith associated bay extension at salem & Tuticorin Pooling	13/11/16	235/TT/2016	27/12/16
15	Common System Associated with Costal Energen Private Ltd and Ind-Barath Power Ltd. (LTOA) Gen. Proj. in Tuticorin area Part - B.	Salem PS-Madhugiri PS 765 KV S/C line (initially charged at 400 KV) along with associated bays & equipment at Salem PS and Madhugiri PS and 400 KV 63 MVAR line reactor at Madhugiri end of the Salem PS Madhugiri 765 KV S/C line (initially chared at 400 KV)	01/11/18	367/TT/2018	01/11/19
16	System Strengthening - XXIV in Southern Region	400 KV D/C line from Cuddapah GIS to LILO point of NP Kunta portion of Cuddapah-Hindupur 400 KV D/C line along with bays and equ	04/08/18	257/tt/2018	29/07/19
16	System Strengthening - XXIV in Southern Region	(i)LILO of Kurnool-Thiruvalem 765 KV D/C line at Kadapa GIS (ii) Establishment of 765/400 KV S/s at Kadapa with 2X1500 MVA Transformer (GIS) (iii) 2X240 MVAR Bus reactor at Kadapa GIS	25/10/18	257/tt/2018	29/07/19
16	System Strengthening - XXIV in Southern Region	400 kv D/C line from LILO point of NP Kunta to Hindupur sub-station along with 2 nos. 400 kv bays and 2x80 MVAR switchable line reactor and 2nos. 400 kv line bays at Hindupur sub-station	12/10/18	257/tt/2018	29/07/19
17	Transmission System for Ultra mega Solar Park in Anantpur District, Andhara Pradesh - Part-B (Phase-II)			171/TT/2019	OA
18	NLC - Karaikal 230 KV D/C Line	LILO OF 230 KV Neyveli-Bahour S/s line at 230 KV Karaikal S/s	01/10/18	170/TT/2018	07/05/19
19	Eastern Region Strengthening Scheme - III	Installation of 1 No. 80 MVAR Bus Reactor along with bays at 400 KV Duburi (OPTCL) S/s	19/08/15	105/TT/2018	21/11/19
19	Eastern Region Strengthening Scheme - III	Combined assets of Lakhisarai, LILO of Kahalagaon-Biharsharif 400kv D/C TL (2nd line) Ckt-I at Lakhisarai S/s, 80 MVAR Bus Reac	01/04/14	85/TT/2015	24/02/17
19	Eastern Region Strengthening Scheme - III	One No of 400/132 KV MVA ICT II at Lakhisarai S/s	01/06/14	85/TT/2015	24/02/17
19	Eastern Region Strengthening Scheme - III	LILO of Ckt-II of 400 KV D/C Kahalgaon-Biharsarif at Lakhisarai alongwith associated bays with 2*50 MVAR line Ractor	03/09/14	85/TT/2015	24/02/17
19	Eastern Region Strengthening Scheme - III	2 Nos of 132 KV line bays at 400/132 KV Lakhisarai S/s	29/09/14	85/TT/2015	24/02/17
19	Eastern Region Strengthening Scheme - III	Combined Assets of ERSS-III	01/12/12	30/TT/2015	21/03/16

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19	Eastern Region Strengthening Scheme - III	L.ILO OF Ckt-I of 400 KV Jamshedpur-Rourkela line along with associated bays at Chaibasa	03/12/14	85/TT/2015	24/02/17
19	Eastern Region Strengthening Scheme - III	400/220 KV 315 MVA ICT-II alongwith associated bays at Chaibasa S/s	03/12/14	85/TT/2015	24/02/17
19	Eastern Region Strengthening Scheme - III	2 Nos of 220 Line bays at Chaibasa S/s	03/12/14	85/TT/2015	24/02/17
19	Eastern Region Strengthening Scheme - III	400/220 KV 315 MVA ICT-I alongwith associated bays at Chaibasa S/s	22/01/15	278/TT/2015	20/09/17
19	Eastern Region Strengthening Scheme - III	L.ILO of one Ckt of 400 KV D/C Baripada-Mendhasal TL alongwith associated bays at Duburi	19/08/15	278/TT/2015	20/09/17
19	Eastern Region Strengthening Scheme - III	L.ILO of 2nd ckt of 400 KV D/C Jamshedpur Rourkela Transmission line at Chaibasa	02/11/15	105/TT/2018	21/11/19
19	Eastern Region Strengthening Scheme - III	80 MVAR Bus Reactor along with associated bay at Chaibasa S/s	26/11/15	85/TT/2015	24/02/17
19	Eastern Region Strengthening Scheme - III	2 Nos. of 220 KV line bays at 400/220 KV Chaibasa S/s	03/03/16	278/TT/2015	20/09/17
19	Eastern Region Strengthening Scheme - III	L.ILO of 400 KV D/C Baripada Mendhasal TL at Pandiabilli alongwith associated LB; 01 Nos of 500 MVA, 3 Phase 400/220 kV ICT along	31/07/16	278/TT/2015	20/09/17
19	Eastern Region Strengthening Scheme - III	Installation of IX500 MVA 400/200 KV ICT-II and associated bays at Pandiabilli GIS S/s	18/11/17	105/TT/2018	21/11/19
19	Eastern Region Strengthening Scheme - III	Combined asset of: 400 KV D/C Sasaram - Daltonganj Transmission Line at Daltonganj Sub-station; 400 /220 KV, 315 MVA ICT-I alongwith bays at Daltonganj Sub-station; and 400 KV 80 MVAR Bus Reactor at Daltonganj Substation	31/03/18	105/TT/2018	21/11/19
19	Eastern Region Strengthening Scheme - III	400/220 kV,315 MVA ICT II at Daltonganj substation and associated bays	05/11/18	105/TT/2018	21/11/19
19	Eastern Region Strengthening Scheme - III	Provision of Circuit Breakers for making line reactor at Biharsharif substation swichable	14/03/19	105/TT/2018	21/11/19
19	Eastern Region Strengthening Scheme - III	04 Nos 220 KV Line Bays at Daltonganj Sub-station	16/09/18	105/TT/2018	21/11/19
20	Trans. System associated with Pallatana gas Based Power Project and Bongaigaon Thermal Power Station (BTPS)	Combined assets of PGBPP and BTPS (pet no. 184/2011 and 216/2012) with effective DOCO	01/08/12	152/TT/2016	08/09/16
20	Trans. System associated with Pallatana gas Based Power Project and Bongaigaon Thermal Power Station (BTPS)	400 KV D/C Silchar-Imphal T/L (Charges at 132 KV) alongwith associated bays at SilcharS/s and Imohal S/s	22/03/15	398/TT/2014	31/03/16
20	Trans. System associated with Pallatana gas Based Power Project and Bongaigaon Thermal Power Station (BTPS)	400 KV D/C Silcher-Purba Kanchanbari TL (charged at 132 KV) along with associated bays at Silcher (New)	01/08/15	267/TT/2015	29/03/16
20	Trans. System associated with Pallatana gas Based Power Project and Bongaigaon Thermal Power Station (BTPS)	132KV Mokokchung(PG) -Mokokchung(Nagaland) TL along with associated bays, 3X10 MVA 220/132 KV ICT-II & 220 KV & 132 KV GIS Bays	01/08/15	398/TT/2014	31/03/16
20	Trans. System associated with Pallatana gas Based Power Project and Bongaigaon Thermal Power Station (BTPS)	3X10 MVA, 220/132 KV ICT-I along with associated bays at Mokokchung (Powergrid) S/s	01/09/15	398/TT/2014	31/03/16
20	Trans. System associated with Pallatana gas Based Power Project and Bongaigaon Thermal Power Station (BTPS)	220 KV D/C Mariani(New) - Mokokchung(Powergrid) TL along with associated bay at Mariani & Mokokchung (Powergrid) S/s	01/08/15	398/TT/2014	31/03/16
20	Trans. System associated with Pallatana gas Based Power Project and Bongaigaon Thermal Power Station (BTPS)	132kV S/C (on D/C towers) Pasighat-Roing TL alongwith associated bays at Pasighat and Roing S/s along with 7x5MVA (132/33kV) 1-	12/06/17	1/TT/2018	23/07/18

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20	Trans. System associated with Pallatana gas Based Power Project and Bongaigaon Thermal Power Station (BTPS)	132 KV S/C (on D/C tower) Roing-Tezu TL along with associated bays at Roing and Tezu S/s and 4X6.67 MVAR 145 KV 1Ph Bus Reac	14/06/17	1/TT/2018	23/07/18
20	Trans. System associated with Pallatana gas Based Power Project and Bongaigaon Thermal Power Station (BTPS)	132 KV D/C Silchar-Hailkand TL (balance portion beyond LILO point) along with associated bays at Hailakandi S/s	17/11/17	177/TT/2018	12/06/19
20	Trans. System associated with Pallatana gas Based Power Project and Bongaigaon Thermal Power Station (BTPS)	3X5 MVA 132/33 KV , 1- Phase ICT-I along with associated bays at Tezu S/s	21/01/18	337/TT/2018	20/11/19
20	Trans. System associated with Pallatana gas Based Power Project and Bongaigaon Thermal Power Station (BTPS)	4X5 MVA 132/33 KV , 1 Phase ICT-II (1 No. Spare) along with associated bays at Tezu	21/01/18	337/TT/2018	20/11/19
20	Trans. System associated with Pallatana gas Based Power Project and Bongaigaon Thermal Power Station (BTPS)	4X6.67 MVAR 145 KV 1-Ph Bus Reactor (including 1 No. spare reactor) at Namsai S/s	14/06/18	337/TT/2018	20/11/19
20	Trans. System associated with Pallatana gas Based Power Project and Bongaigaon Thermal Power Station (BTPS)	4X5 MVAR, 145 KV, I-Phase Bus Reactor (including 1 No. spare) along with associated bay at Metrial (GIS) S/s	26/01/19	364/TT/2018	07/01/20
20	Trans. System associated with Pallatana gas Based Power Project and Bongaigaon Thermal Power Station (BTPS)	400 KV D/C Silchar-Meiriat (New) TL (Charges at 132 KV ) along with associated bays at Silcher and Meiriat S/s and 132 KV Meiriat (PG) GIS S/s	01/12/18	364/TT/2018	07/01/20
20	Trans. System associated with Pallatana gas Based Power Project and Bongaigaon Thermal Power Station (BTPS)	LILO OF 132 KV S/C Aizawl-Zemabawk TL along with associated bays at Meitrial (GIS) S/s	01/12/18	364/TT/2018	07/01/20
20	Trans. System associated with Pallatana gas Based Power Project and Bongaigaon Thermal Power Station (BTPS)	132kv S/C (on D/C Tower) Tezu-Namsai Transmission Line alongwith associated bays at Tezu and Namsai S/S, 3X5MVA, 132/33kv, 1-ph ICT-I and 4X5MVA, 132/33kv 1-ph ICT-II (01 no spare phase) at Namsai Substation	05/07/18	337/TT/2018	20/11/19
20	Trans. System associated with Pallatana gas Based Power Project and Bongaigaon Thermal Power Station (BTPS)	132 kv D/C Melriat-Sihhmui Transmission Line (New Scope) along with associated bays at Melriat (PG) & Sihhmui(state) S/S in place of 132kv D/C Melrait-melrait Transmission Line	01/12/18	364/TT/2018	07/01/20
21	Installation of STATCOMs in Western Region	400 KV +/- 2X150 MVAR STATCOM (Dynamic Compensation) along with associated 2X125 MVAR Reactor & 1X125 MVAR Capacitor (for Mechan	31/03/18	111/TT/2018	01/11/19
21	Installation of STATCOMs in Western Region	400 KV +/- 300 MVAR STATCOM (Dynamic Compensation) along with associated 2X125 MVAR Reactor & 1X125 MVAR Capacitor (for Mechani	01/04/18	111/TT/2018	01/11/19
21	Installation of STATCOMs in Western Region	400 KV +/- 300 MVAR STATCOM (Dynamic Compensation) along with associated 2X125 MVAR Reactor & 1X125 MVAR Capacitor (for Mechani	15/04/18	111/TT/2018	01/11/19
21	Installation of STATCOMs in Western Region	400 KV +/- 2X100 MVAR STATCOM (Dynamic Compensation) along with associated 2X125 MVAR Reactor & 1X125 MVAR Capacitor (for Mechanical Swiched Compensation) at 765/400 KV Gwalior S/s	26/12/18	111/TT/2018	01/11/19
22	Sub station extn. for Trans. System associated with Vindhyachal-V project of NTPC (Part-B)	2 No. 765 KV line bays & 2 Nos. of 330 MVAR LR each at both Vindhyachal and Jabalpur end (for 765 KV D/C Vindhyachal PS-Jabalpur PS line (TBCB)	01/01/19	235/TT/2018	12/07/19
23	Provision of Series Reactors in Northern Region.	1 No. 400 KV 120, 75 MVAR Series Bus Reactor at Mandola 400/220 KV (POWERGRID) Substation along with associated bays	04/11/18	312/TT/2018	04/09/19

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23	Provision of Series Reactors in Northern Region.	1 No. 400 KV 120, 75 MVAR Series BR at Ballabgarh 400/220 KV (POWERGRID) S/s along with associated bays & 1 No. Series LR of 120, 75 MVAR IN Dadri-Mandola 400 KV Ckt-I at Mandola S/s (POWERGRID) & 1 No. Series LR of 120, 75 MVAR Dadri-Mandola 400 KV C	07/12/18	312/TT/2018	04/09/19
24	Augmentation of Transformation Capacity at Fatehabad 400/220KV S/Stn.			485/TT/2019	OA
25	Split Bus Arrangement for various Sub Stations in Eastern Region	400 KV Transmission Line for swapping of Kahalgaon-I bay with sasaram-I at Biharshariff S/s	02/04/15	49/TT/2018	04/02/19
25	Split Bus Arrangement for various Sub Stations in Eastern Region	Split Bus Arrangement at Durgapur S/s	14/10/15	136/TT/2015	29/04/16
25	Split Bus Arrangement for various Sub Stations in Eastern Region	Split Bus Arrangement at Maithon	17/01/16	136/TT/2015	29/04/16
25	Split Bus Arrangement for various Sub Stations in Eastern Region	400kV TL FOR SWAPPING PURNEA BAYS(1&2), SASARAM BAYS(3&4) AND KAHALGAON 1 BAY, SASARAM 1 BAY AT BIHARSHARIF	21/07/16	49/TT/2018	04/02/19
25	Split Bus Arrangement for various Sub Stations in Eastern Region	Split Bus arrangement with tie line breaker for 400 KV Biharsharif S/s	15/05/17	49/TT/2018	04/02/19
26	North Eastern Region Strengthening Scheme -VII	1 No. 200 MVA 400/132/33 KV, 3-phase Spare ICT AT Silcher S/s	24/07/17	175/TT/2018	10/12/19
26	North Eastern Region Strengthening Scheme -VII	1 No. 80 MVAR 420 KV Spare Reactor and 1 No. 63 MVAR 420 KV Spare Reactor at Bongaigaon S/s	01/04/18	175/TT/2018	10/12/19
26	North Eastern Region Strengthening Scheme -VII	1 No. 160 MVA 220/132 KV 3 Ph ICT (Spare) to be placed at Kopli S/s (Now placed at BaliparaS/s due to spare constraint at Kopli	29/06/18	175/TT/2018	10/12/19
26	North Eastern Region Strengthening Scheme -VII	315 MVA 400/132 KV 3-Ph ICT-III along with associated bays at Silchar S/s	18/07/18	175/TT/2018	10/12/19
26	North Eastern Region Strengthening Scheme -VII	Re-conductoring of Imphal (POWERGRID)-Yurembam (Imphal S/s-Manipur) 1320KV S/s line with high capacity conductor HTLS & Upgradat	18/07/18	175/TT/2018	10/12/19
26	North Eastern Region Strengthening Scheme -VII	31.5 MVAR 220 KV Bus Reactor along with associated bay at 220/132 KV Mokochung (POWRGRID) S/s	01/12/18	175/TT/2018	10/12/19
26	North Eastern Region Strengthening Scheme -VII	315 MVA, 400/220 KV , 3-Ph ICT (Spare from Narendra S/s)	31/12/18	175/TT/2018	10/12/19
27	Western Region Strengthening Scheme - XVI	500 MVA 400/220 KV ICT-III along with associated bays and 2 Nos 220 KV line bays at Satna S/s (220 KV PGCIL-Chhatarpur line & 22	27/11/17	259/TT/2017	19/09/18
27	Western Region Strengthening Scheme - XVI	2 nos. 500 MVA, 400/220kV ICTs along with associated bays at Parli (POWERGRID) Switching Station and 2 nos. 220kV line bays for LILO of Parli Osmanabad 220kV S/C line at Parli SS	12/08/18	266/TT/2018	27/01/20
27	Western Region Strengthening Scheme - XVI	2 nos. 220kV line bays for LILO of Parli - Harangul 220kV lines at Parli SS	12/08/18	266/TT/2018	27/01/20
27	Western Region Strengthening Scheme - XVI	2 nos. 220kV line bays at Mapusa (Colvale) (POWERGRID Substation (for Mapusa(Colvale) (POWERGRID)-Tuem 220kV D/C line)	02/08/18	266/TT/2018	27/01/20
27	Western Region Strengthening Scheme - XVI	2 nos. 400kV line bays for 400kV D/C Indore (POWERGRID)-Ujjain TL at 765/400 kV Indore (POWERGRID) Substation	11/01/19	266/TT/2018	27/01/20

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28	Common Transmission Scheme Associated with ISGS Projects in Nagapattinam/ Cuddalore area of Tamil Nadu - Part-A1 (b)	2 Nos 400kV bays at Nagapattinam PS & Salem new (Dharmapuri) for Terminating Nagapattinam PS- Salem new (Dharmapuri) 765kV D/C I	23/10/16	214/TT/2016	19/12/17
28	Common Transmission Scheme Associated with ISGS Projects in Nagapattinam/ Cuddalore area of Tamil Nadu - Part-A1 (b)	1 No. 400 KV bay each at Salem New (Dharmapuri) and Madhugiri for terminating Salem New (Dharmapuri)-Madhugiri 765 KV S/C Line-2 & 1 No. 63 MVAR LR at Madhugiri end of Salem New (Dharmapuri)-Madhugiri 765 KV S/C Line-2 (Initially charged at 400 KV ) bein	26/01/19	256/TT/2018	20/05/19
29	GREEN ENERGY CORRIDORS:- Inter State Transmission Scheme (ISTS) - Part - B			244/TT/2018	25/04/19
30	Northern Region System Strengthening Scheme -XXXIV			92/TT/2016	28/07/16
30	Northern Region System Strengthening Scheme -XXXIV			148/TT/2017	23/07/18
30	Northern Region System Strengthening Scheme -XXXIV			105/TT/2020	OA
31	Transmission System Associated with RAPP 7 & 8 - Part - B.	50 MVAR LR at Jaipur (South) in 400 KV D/C Kota-Jaipur (South) LINE (Part of 400 KV D/C RAPP-Jaipur TL) utilized as Bus reactor	05/03/18	283/TT/2018	05/02/20
31	Transmission System Associated with RAPP 7 & 8 - Part - B.	400 KV D/C Kota-Jaipur (South) line along with associated bays at Kota and Jaipur (South) ( part of RAPP-Jaipur (South) 400 KV D/C line with one Ckt. LILLOED at Kota)	29/03/19	283/TT/2018	05/02/20
32	Transmission System for Ultra mega Solar Park in Rewa District, Madhya Pradesh .			07/TT/2018	11/05/18
32	Transmission System for Ultra mega Solar Park in Rewa District, Madhya Pradesh .			06/TT/2020	OA
33	Eastern Region Strengthening Scheme-XI	Installation of +/- 300 MVAR STATCOM along with 2X125 MVAR Mechanically switched Ractor (MSR) at 400 KV Rourkela S/s	30/03/18	173/TT/2018	01/11/19
33	Eastern Region Strengthening Scheme-XI	Installation of +/- 200 MVAR STATCOM along with 2X125 MVAR Mechanically switched Reactor (MSR)and 2X125 MVAR Mechanically Switch	01/07/18	173/TT/2018	01/11/19
33	Eastern Region Strengthening Scheme-XI	STATCOM System (+/-) 300 MVAR complete in all respect including Coupling transformer , Mechanically switched compensation (2X12	16/07/18	272/TT/2018	29/03/20
33	Eastern Region Strengthening Scheme-XI	STATCOM System (+/-) 200 MVAR complete in all respect including Coupling transformer , Mechanically switched compensation (2X125 MVAR Reactor) , cooling system & STATCOM protection/controller etc. at Kishanganj S/s	16/03/19	272/TT/2018	29/03/20
34	GREEN ENERGY CORRIDORS:- Inter State Transmission Scheme (ISTS) - Part - C			172/TT/2019	OA
35	Transmission System Strengthening associated with Mundra UMPP (Part-B)	400 KV Mundra (CGPL)- Bhuj Ckt-2 line with associated line bays at Mundra (CGPL) generating station and 765/400 KV Bhuj S/s	20/03/19	387/TT/2018	13/01/20
36	System Strengthening in SR - XIV	*1X315 MVA 400/220 KV Transformer and associated bays at Hosur S/s :DOCO :01-MAR-2014	01/03/14	96/TT/2016	22/08/16
37	Augmentation of Transformers in Northern Region - Part-B.	400/220 KV 1X500 MVA ICT alongwith associated bays at Jalandhar S/s	02/07/16	236/TT/2016	06/10/17
37	Augmentation of Transformers in Northern Region - Part-B.	1X500 MVA 400/220 kV Transformer at Panchkula	02/04/16	236/TT/2016	06/10/17

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37	Augmentation of Transformers in Northern Region - Part-B.	Estension of 400/220 KV 1X315 MVA ICT along with associated bays at Samba S/s	29/10/16	236/TT/2016	06/10/17
37	Augmentation of Transformers in Northern Region - Part-B.	500 MVA 400/220 KV ICT-IV at GIS Gurgaon S/s	31/12/17	158/TT/2018	21/11/19
37	Augmentation of Transformers in Northern Region - Part-B.	220kV, 2 Nos. Line Bays at Hamirpur Substation	31/03/19	158/TT/2018	21/11/19
37	Augmentation of Transformers in Northern Region - Part-B.	220kV, 2 Nos. Line bays at Jallandhar Substation	25/03/19	158/TT/2018	21/11/19
38	Provision of STATCOM at Nalagarh & Lucknow in Northern Region.			85/TT/2019	OA
39	PG works associated with System Strengthening for IPP's in Chhattisgarh and other Gen. Proj. in WR			366/TT/2018	OA
40	POWERGRID work associated with Additional System Strengthening for Sipat STPS.	1 No. 765 KV line bay at Bilaspur PS for Sipat STPS (NTPC)-Bilaspur PS (POWERGRID) 765 KV 3rd S/C line	08/08/18	346/TT/2019	22.08.2020
40	POWERGRID work associated with Additional System Strengthening for Sipat STPS.	2 No. 765 KV line bays along with 2 No. 240 MVAR 765 KV Switchable line reactors at Bilspur PS for Bilaspur PS (POWERGRID) Rajnandgaon (TBCB) 765 KV D/C line	23/03/19	346/TT/2019	22.08.2020
41	Western Region Strengthening Scheme - XVII	1 No 500 MVA 400/220 KV ICT -4 along with associated bays at Boisar S/s	06/05/18	247/TT/2018	05/07/19
41	Western Region Strengthening Scheme - XVII	1 No 500 MVA 400/220 KV ICT -3 along with associated bays at Khandwa S/s	21/05/18	247/TT/2018	05/07/19
41	Western Region Strengthening Scheme - XVII	Conversion of 50 MVAR 420 KV Fixed Line Reactor in 400 KV D/C Bina ((PG)-Shujalpur Transmission line into Switchable line Reacto	25/05/18	247/TT/2018	05/07/19
41	Western Region Strengthening Scheme - XVII	1 No. 500 MVA 400/220 KV ICT-3 along sith associated ICT bays at Dehgam S/s	07/06/18	247/TT/2018	05/07/19
41	Western Region Strengthening Scheme - XVII	Conversion of 63 MVAR 420 KV Fixed Line Reactor in Bhadravati-Dhariwal 400 KV S/C line into Bus Reactor and associated bays at B	19/07/18	247/TT/2018	05/07/19
41	Western Region Strengthening Scheme - XVII	Conversion of 50 MVAR, 420 kV fixed line reactors in each circuit of Itarsi-Indore (MPPTCL) 400 kV 2XS/C lines into Switchable Line Reactors at Indore (MPPTCL) S/s	03/10/18	247/TT/2018	05/07/19
41	Western Region Strengthening Scheme - XVII	1 No. 500 MVA 400/220 kV ICT-3 along with associated bays at Kala S/s	24/11/18	247/TT/2018	05/07/19
41	Western Region Strengthening Scheme - XVII	2 No. 220 kV bays at Khandwa Substation (for 220 KV D/C Khandwa - Chhanera (MPPTCL) line)	05/11/18	247/TT/2018	05/07/19
42	PG work associated with TBCB lines under common Transmission System for Ph-II Gen. Proj. in Odisha.	2 Nos. 400 KV GIS line bays at Jharsugunda (Sundargarh) S/s for termination of OPGC (IBTPS)-Jharsugunda (Sundargarh) 400 KV D/C	23/11/17	59/TT/2018	14/02/19
42	PG work associated with TBCB lines under common Transmission System for Ph-II Gen. Proj. in Odisha.	Split Bus arrangement at 400 KV Bus at Sundargarh S/s with GIS	22/11/17	59/TT/2018	14/02/19
42	PG work associated with TBCB lines under common Transmission System for Ph-II Gen. Proj. in Odisha.	LILO of both Ckt. of 400 KV D/C (2nd line) Rourkela-Raigarh at Jharsuguda (Sundargarh) S/s and 4 Nos. 400 KV GIS line bays for t	07/01/18	59/TT/2018	14/02/19
43	PG work associated with Transmission System Strengthening in Indian System for transfer of Power from New HEP's in BHUTAN.	2 nos. 400kV GIS line bays at Kishanganj for Kishanganj – Dharbhanga	14/03/19	677/TT/2020	OA



## Project completed during FY 2019-20

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1	Western Region Strengthening Scheme - V	400 kV D/C Vapi-Kala T/L WR1 portion from AP18-AP38 (Part of 400 kV D/C Vapi-Navi Mumbai T/L)	01/04/14	412/TT/2014	22/03/16
1	Western Region Strengthening Scheme - V	Combined Assets under WRSS-V	30/11/11	193/TT/2017	09/10/18
1	Western Region Strengthening Scheme - V	Part of 400 KV D/C Vapi-Kala TL from AP-18 to AP-38 (Levied on M/C-T Towers) and from AP 38/0 to 43/0	01/03/15	236/TT/2018	06/08/19
1	Western Region Strengthening Scheme - V	Part of 400 KV D/C Vapi-Kudus TL from 104/0 to Kudus (MSETCL) S/s along with associated bays at Kudus (MSETCL) S/s	31/12/17	236/TT/2018	06/08/19
1	Western Region Strengthening Scheme - V	LILO of Lonikhand (MSETCL) – Kalwa (MSETCL) 400 kV S/C line at Navi Mumbai and 400/220 kV, 2x315 MVA New substation (GIS) at Navi Mumbai		D-325/2020	
2	Line Bays Associated with Various Regional Strengthening Schemes in Northern Region			161/TT/2018	01/03/19
2	Line Bays Associated with Various Regional Strengthening Schemes in Northern Region			86/TT/2019	OA
3	Eastern Region Strengthening Scheme-IX	500 MVA, Single Phase unit of 765/400 KV ICT (Cold Spare) Stationed at Ranchi(New)	29-Jun-19	686/TT/2020	OA
3	Eastern Region Strengthening Scheme-IX	1x160 MVA ICT 220/132Kv ICT alongwith associated bays at Ara S/s	02/01/16	238/TT/2015	23/03/16
3	Eastern Region Strengthening Scheme-IX	1X500 MVA ICT 400/220Kv ICT alongwith associated bays at Muzaffarpur S/s	06/01/16	238/TT/2015	23/03/16
3	Eastern Region Strengthening Scheme-IX	Replacement of 1 No. of 1 x 315 MVA, 400/220 KV ICT with 1 X 500 MVA, 400/220 KV ICT(1st) at 400 KV Maithon Sub-Station	18/09/16	29/TT/2016	29/06/16
3	Eastern Region Strengthening Scheme-IX	1 No of 125 MVAR Bus reactor (1st) and associate bay equipments at 400 KV Durgapur S/S	23/10/16	38/TT/2017	22/05/19
3	Eastern Region Strengthening Scheme-IX	1 No of 125 MVAR Bus reactor (2nd) and associate bay equipments at 400 KV Durgapur S/S	30/12/16	38/TT/2017	22/05/19
3	Eastern Region Strengthening Scheme-IX	1 no 125 MVAR Bus reactor and associate bay at 400kv Maithon S/S	01/10/16	29/TT/2016	29/06/16
3	Eastern Region Strengthening Scheme-IX	Installation of 2X125 MVAR Bus Reactor and associated 400 KV bays at Rengali S/s	03/08/17	38/TT/2017	22/05/19
3	Eastern Region Strengthening Scheme-IX	400 KV 1X125 MVAR Bus Reactor along with associated reactor bay at Gajuwaka	27/09/17	38/TT/2017	22/05/19
3	Eastern Region Strengthening Scheme-IX	Replacement of 1 No of 1X315 MVA 400/220 KV ICT with 1X500 MVA 400/220 kv ICT (2nd) at Maithon S/s	25/10/17	171/TT/2018	30/09/19
3	Eastern Region Strengthening Scheme-IX	Installation of 125 MVAR Bus Reactor in paralld with existing 50 (3X16.67) MVAR Bus Reactor at Biharshariff s/s	13/10/17	38/TT/2017	22/05/19
3	Eastern Region Strengthening Scheme-IX	Installation of 125 MVAR Bus Reactor in paralld with existing 50 MVAR Bus Reactor-I at Jamshedpur s/s	03/12/17	38/TT/2017	22/05/19

## Project completed during FY 2019-20

S. No.	project code	Element decription	DOCO	Order No	Order date
4	Installation of Bus Reactors at Cuddapah, Nellore, Kurnool, Raichur and Tiruvalam	1 No. 400 KV , 125 MVAR Bus Reactor-II at Cuddapah & 1 No. 765 KV , 240 MVAR Bus Reactor-II along with associated bays and equipment at Nellore S/s , Kurnool S/s & Raichur S/s	31/10/18	29/TT/2019	28/01/20
4	Installation of Bus Reactors at Cuddapah, Nellore, Kurnool, Raichur and Tiruvalam	2 X 240 MVAR 765KV Bus Reactor along with its associated bays and equipments at Thiruvalam 765/400 KV (Powergrid) Substations	07/06/19	49/TT/2020	OA
5	Augmentation of Transformation Capacity at Raebareli & Sitarganj 220/132KV S/Stn.	Replacement of 1X110 MVA 220/132 ICT-III by 1X200 MVA 220/132 KV ICT-III at Raebareli S/s	01/12/17	160/TT/2018	12/12/18
5	Augmentation of Transformation Capacity at Raebareli & Sitarganj 220/132KV S/Stn.	Replacement of 1X110 MVA 220/132 ICT-II by 1X200 MVA 220/132 KV ICT-II at Raebareli S/s	19/02/18	160/TT/2018	12/12/18
5	Augmentation of Transformation Capacity at Raebareli & Sitarganj 220/132KV S/Stn.	1x100MVA, 220/132kV ICT-III at Sitarganj S/s (100 MVA ICT shifted from Raebareli)	29.06.2019	273/TT/2020	OA
6	Associated Transmission System for NABINAGAR -II TPS.	400 KV D/C (Qaud) Nabinagar-II-Gaya Transmission Line along with 2 Nos associaated bays at Gaya S/s	12/05/18	106/TT/2018	22/04/19
6	Associated Transmission System for NABINAGAR -II TPS.	400 KV D/C (Quad) nabinagar- patna line along-with 2X80 MVAR Switchable line reactors and associated bays at Patna substation	21-Jul-19	675/TT/2020	OA
6	Associated Transmission System for NABINAGAR -II TPS.	765/400 KV 3x500 MVA ICT IV alongwith associated bays at gaya S/S under Associated transmission system for Nabinagar-II TPS(3x600MW)	01/06/19	675/TT/2020	OA
6	Associated Transmission System for NABINAGAR -II TPS.	80 MVAR line reactor in 400kV Barh-I Line at Patna S/s along with associated bays	30/01/20	675/TT/2020	OA
7	Transmission System associated with Kishanganga HEP	220 KV Kishanganga-Amargarh D/C line on M/C towers	27/02/18	124/TT/2018	25/04/19
7	Transmission System associated with Kishanganga HEP	220 KV Kishan ganga-wagoora D/C line partially on M/C towers asso. Bays at Wagoora S/S	31/07/19	D-599/2020	OA
8	Western Region Strengthening Scheme - XVIII	Splitting of Dharamjaygarh Pool 765kV Bus with necessary switching arrangement, installation of 765kV 1x330 MVA Bus Reactor alongwith associated bay at 765 kV Bus Section B of Dharamjaygarh Pool and installation of 420kV 1x125 MVA Bus Reactor alongwith associated bay at 400kV Bus of Dharamjaygarh Pool.	22.07.2019	D-675/2020	OA

## Project completed during FY 2019-20

S. No.	project code	Element description	DOCO	Order No	Order date
8	Western Region Strengthening Scheme - XVIII	Splitting of Raigarh (Kotra) Pool 765kV and 400kV Bus with necessary switching arrangement, installation of 765kV 1x240MVAR Bus Reactor alongwith associated bay at 765 kV Bus Section A of Raigarh (Kotra) Pool and installation of 765kV Bus Reactor Bay at 765 kV Bus Section A of Raigarh (Kotra) Pool and installation of 420kV, 1x125MVAR Bus Reactor alongwith associated bay at 400kV Bus Section A of Raigarh (Kotra) Pool	28.07.2019	D-675/2020	OA
8	Western Region Strengthening Scheme - XVIII	Installation of 765kV 1X240 MVAR Bus Reactor alongwith associated bay at 765kV Bus Section A of Champa Pool.	29.07.2019	D-675/2020	OA
9	POWERGRID work associated with Transmission System Strengthening in WR associated with Khargone TPS.	63 MVAR switchable LR along with 500 Ohms NGR at Rajgarh (POWERGRID) end of Khargone TPS-Rajgarh (POWERGRID) 400 KV line (formed	01/03/18	362/TT/2018	19/03/20
9	POWERGRID work associated with Transmission System Strengthening in WR associated with Khargone TPS.	2 Nos 765kV line bays at 765/400kV Indore Substation of POWERGRID (for Khandwa PS(TBCB)-Indore 765 kV D/c line) & 240MVAR, 765 KV Switchable Line Reactors along	01.08.2019	694/TT/2020	OA
10	Provision of 400KV Bays at Bhiwani (PG)			77/TT/2015	To be Re-filed
11	North Eastern Region Strengthening Scheme -IV	1 No. 125 MVAR 420 KV Bus Reactor along with associated bays at Bongaigaon s/s	22/07/18	237/TT/2018	05/07/19
11	North Eastern Region Strengthening Scheme -IV	1 No. 125 MVAR 420 KV Bus Reactor along with associated bay at 400 KV Balipara S/s	03/08/18	237/TT/2018	05/07/19
11	North Eastern Region Strengthening Scheme -IV	1X125 MVAR 420 KV Bus Reactor with GIS bay at 400/132 KV Silchar S/s	20/12/18	237/TT/2018	05/07/19
11	North Eastern Region Strengthening Scheme -IV	Recoductoring of 132 KV D/C Agartala GBPP-Agartala (State) line with High Capacity HTLS conductor along with necessary upgradation modification in bay equipment at both ends	08/02/18	237/TT/2018	05/07/19
11	North Eastern Region Strengthening Scheme -IV	400 KV D/C Silchar-Imphal line at rated voltage 400 KV along with upgradation of existing 2X50 MVA 132 /33 KV Imphal (POWERGRID) S/s to 400 KV by installation of 400/132 KV, 2x315 MVA (7X105 MVA, I-Ph) ICTs, 2 No. 400 KV line bays for termination of 400 K	29/01/19	237/TT/2018	05/07/19
11	North Eastern Region Strengthening Scheme -IV	Dismantling/Removal of 4X105 MVA, 400/220 KV , I-Ph ICT at Misa s/s of POWERGRID and addition of 1X500 MVA , 400/220 KV , 3-Ph ICT AT Misa S/s	29/03/19	D-329/2020	OA
11	North Eastern Region Strengthening Scheme -IV	1 X 500MVA, 400/220kV ICT at Misa Substation with GIS bays	29/08/19	D-496/2020	OA

## Project completed during FY 2019-20

S. No.	project code	Element description	DOCO	Order No	Order date
12	Trans. System for Ultra mega Solar Park at Tumkur (Pavagada) Karnataka - Phase-II (Part-C)	(i) FSC 40% on Circuit-I of 400Kv Tumkur (Pavagada)-Tumkur (Vasantharapura) D/C Quad line at Tumkur (Pavagada) PS end, (ii) FSC 40% on Circuit-II of 400Kv Tumkur (Pavagada)-Tumkur (Vasantharapura) D/C Quad line at Tumkur (Pavagada) PS end	01.09.2019	D-457/2020	OA
13	PG work associated with immediate evacuation for North Karanpura Gen. Proj. of NTPC.			NOT FILED	
14	Transmission System for Solar Power Park at Bhadla, Rajasthan.	<b>Asset-1:</b> Combined Asset of a) 400KV D/C Bhadla (POWERGRID)- Bhadla (RVPNL) Ckt -1 & 2 along with associated bays; b) 1 no. of 400KV, 125 MVAR Bus Reactor along with associated bays at Bhadla (POWERGRID) Substation; c) 400KV, 500 MVA ICT-II along with associated bays at Bhadla (POWERGRID) Substation; d) 220KV, Adani Bhadla (Pooling station) line-1 bay at Bhadla (POWERGRID) Substation,	29.4.2019	D-681/2020	OA
14	Transmission System for Solar Power Park at Bhadla, Rajasthan.	<b>Asset-2:</b> 220 KV Surya Urja line-2 Bay at Bhadla (POWERGRID) Substation,	4.5.2019	D-681/2020	OA
14	Transmission System for Solar Power Park at Bhadla, Rajasthan.	<b>Asset-3:</b> 500 MVA ICT-III along with associated bays at Bhadla (POWERGRID) Substation,	17.5.2019	D-681/2020	OA
14	Transmission System for Solar Power Park at Bhadla, Rajasthan.	<b>Asset-4:</b> 500 MVA ICT-I along with associated bays at Bhadla (POWERGRID) Substation,	1.6.2019	D-681/2020	OA
14	Transmission System for Solar Power Park at Bhadla, Rajasthan.	<b>Asset-5:</b> 2 nos. 220 kV line bays (205 & 206) at badhla (POWERGRID) Substation ,	7.8.2019	D-681/2020	OA
14	Transmission System for Solar Power Park at Bhadla, Rajasthan.	<b>Asset-6:</b> 02 no. 400 kV line bays at Bhadla (POWERGRID) Substation,	27.9.2019*	D-681/2020	OA
14	Transmission System for Solar Power Park at Bhadla, Rajasthan.	<b>Asset-7:</b> Combined Asset of a) 765KV D/C Bhadla (POWERGRID)- Bikaner (POWERGRID) along with 2 nos. 240 MVAR Switchable Line Reactors along with associated bays at Bhadla (POWERGRID) S/s and 2 nos. 240MVAR Switchable Line Reactors along with associated bays at Bikaner (POWERGRID) S/s ; b) 765/400KV, 1500MVA ICT-I, II and III along with associated bays at Bhadla (POWERGRID) Substation; c) 1 no. of 240MVAR Bus Reactor along with associated bays at Bhadla (POWERGRID) Substation	17.10.2019	D-681/2020	OA

## Project completed during FY 2019-20

S. No.	project code	Element description	DOCO	Order No	Order date
15	Northern Region System Strengthening Scheme -XXX	400 KV D/C Allahabad-Kanpur Transmission line along with associated bays at both ends including 2X50 MVAR Line Reactor at Kanpu	28/09/17	125/TT/2018	8.4.2019
15	Northern Region System Strengthening Scheme -XXX	1*50 MVAR Line reactor at Kanpur S/s ( shifted from Mandola S/s under TALA HEP) (Only Reactor)	28/09/17	125/TT/2018	8.4.2019
15	Northern Region System Strengthening Scheme -XXX	1*50 MVAR reactor at Kanpur S/s (shifted from Kankroli S/s under RAPP 5&6) (Only Reactor)	28/09/17	125/TT/2018	8.4.2019
15	Northern Region System Strengthening Scheme -XXX	400 kc D/C Singrauli-Allahabad Transmission System	26/10/19	D-489/2020	
16	POWERGRID Works associated with Common Trans. System for Phase-II Gen. Proj. in Odisha.	2 Nos. 400 KV GIS line bays at Jharsugunda (Sundargarh) S/s for termination of OPGC (IBTPS)-Jharsugunda (Sundargarh) 400 KV D/C	23/11/17	59/TT/2018	14/02/19
16	POWERGRID Works associated with Common Trans. System for Phase-II Gen. Proj. in Odisha.	Split Bus arrangement at 400 KV Bus at Sundargarh S/s with GIS	22/11/17	59/TT/2018	14/02/19
16	POWERGRID Works associated with Common Trans. System for Phase-II Gen. Proj. in Odisha.	LILO of both Ckt. of 400 KV D/C (2nd line) Rourkela-Raigarh at Jharsuguda (Sundargarh) S/s and 4 Nos. 400 KV GIS line bays for t	07/01/18	59/TT/2018	14/02/19
16	POWERGRID Works associated with Common Trans. System for Phase-II Gen. Proj. in Odisha.	2x1500MVA, 765/400kV ICTs with associated Bays and Split Bus arrangement at Jharsuguda Substation	30/11/19	D-654/2020	OA
17	S/S work associated with Additional Inter-Regional AC link for Import in to Southern Region i.e. Warora-Warangal and Chilakaluripeta-Hyderabad-Kurnool 765KV Link.	04 nos of line Bays at Maheshwaram GIS Pooling Station and 02 nos Warangal bays	09.11.2019	169/TT/2020	OA
18	Kudankulam - APP Trans. System (Balance lines)	Combined Transmission Assets of Kudankulam Project	01/03/10	53/TT/2015	21/04/16
18	Kudankulam - APP Trans. System (Balance lines)	Circuit-I of Tirunelveli-Muvathapuza (Cochin) 400 KV quad D/c line (Tirunelveli to Edamon on Multi Ckt Line and Edamon to Cochin on D/C line)	27.09.2019	D-546/2020	OA
18	Kudankulam - APP Trans. System (Balance lines)	Circuit-II of Tirunelveli – Muvattupuzha(Cochin) 400kV (Quad) D/C line (Tirunelveli (POWERGRID) to Edamon (KSEB) 400kV Multi Ckt Line and Edamon (KSEB) to Muvattupuzha (POWERGRID) 400kV (Quad) D/C line	20.12.2019	D-546/2020	OA
19	System Strengthening Scheme in Northern Region - XXXVIII	2 Nos. of 400 KV line bays at Neemrana S/s for termination of 400 KV D/C Neemrana Dhanonda TL	43522	118/TT/2020	OA
19	System Strengthening Scheme in Northern Region - XXXVIII	1) Provision of 1x1500MVA 765/400 kV ICT-II along with associated bays and Provision of 02 nos of 400 kV Line Bays for termination of Aligarh Prithala	01/11/19	D-598/2020	OA
19	System Strengthening Scheme in Northern Region - XXXVIII	1X1500 MVA 765/400kV ICT-I at Aligarh 765kV Switching Station	12/12/19	D-598/2020	OA

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S. No.	project code	Element decription	DOCO	Order No	Order date
20	System Strengthening in SR - XXI	Installation of +/- 200 MVAR Dynamic compensation (STATCOM) along with 2x125 MVAR Mechanically switched reactor (MSR) and 1x125 MVAR mechanically switched capacitor (MSC) and coordinated control mechsanim of MSCs and MSRs at 400Kv hyderabad systation	04/09/19	D-521/2020	OA
20	System Strengthening in SR - XXI	Installation of +/- 200 MVAR Dynamic compensation (STATCOM) along with 2x125 MVAR Mechanically switched reactor (MSR) and 1x125 MVAR mechanically switched capacitor (MSC) and coordinated control mechsanim of MSCs and MSRs at 400/230 KV Udumalpet systation	20/12/19	D-521/2020	OA
20	System Strengthening in SR - XXI	Installation of +/- 200 MVAR Dynamic compensation (STATCOM) along with 2x125 MVAR Mechanically switched reactor (MSR) and 1x125 MVAR mechanically switched capacitor (MSC) and coordinated control mechsanim of MSCs and MSRs at 400/230 KV Trichy systation	28/12/19	D-521/2020	OA
21	System Strengthening in Southern Region - XXIII	1X125 MVAR 400 KV Bus Reactor alongwith associated bay and equipment at Hassan S/s	18/12/16	58/TT/2017	05/07/18
21	System Strengthening in Southern Region - XXIII	1X125 MVAR 400 KV Bus Reactor alongwith associated bay and equipment at Narendra (New Kudigi) S/s	30/12/16	58/TT/2017	05/07/18
21	System Strengthening in Southern Region - XXIII	400/220 KV , 1X500 MVA Transformer along with assciated bay and equipments at Mudurai S/s	31/12/16	58/TT/2017	05/07/18
21	System Strengthening in Southern Region - XXIII	1X125 MVAR 400 KV Bus Reactor at Trivandrum along with the associated bays and equipments	26/01/17	58/TT/2017	05/07/18
21	System Strengthening in Southern Region - XXIII	1X125 MVAR 400 KV Bus Reactor-2 along with Reactor bays and equipment at GootyS/s ,KhammamS/s,NelloreS/s, Nagarjunsagar S/s and	28/03/17	58/TT/2017	05/07/18
21	System Strengthening in Southern Region - XXIII	1x63MVAR 400kV Bus Reactor-I along with associated bays and equipment at Yelahanka GIS	02.01.2020	D-664/2020	OA
21	System Strengthening in Southern Region - XXIII	1x63MVAR 400kV Bus Reactor-II along with associated bays and equipment at Yelahanka GIS	13.01.2020	D-664/2020	OA
22	S/S work associated with Strengthening of Trans. System beyond Vemagiri.	2 Nos. of 400 KV line bays at Srikakulam for termination of Srikakulam PS-Garvidi 400 KV (Quad) D/C line	07/08/18	258/TT/2018	21/05/19
22	S/S work associated with Strengthening of Trans. System beyond Vemagiri.	2 nos of 765 kV line bays and 02 no 240MVAR reactors at Cuddapah for terminating Chilakaluripeta – Cuddapah 765 kV D/c line	18.01.2020	D-544/2020	OA



## Project completed during FY 2019-20

S. No.	project code	Element decription	DOCO	Order No	Order date
23	System Strengthening - XIII of SR Grid	Gooty-Madhugiri 400 kV D/C line Extension of 400 /220 KV S/s at Gooty for Gooty-Madhugiri 400 KV D/C line	01/12/15	245/TT/2017	04/09/18
23	System Strengthening - XIII of SR Grid	2*500 MVA transformers along with the associated bays at Madhugiri	01/12/15	245/TT/2017	04/09/18
23	System Strengthening - XIII of SR Grid	220 kV line bays at Madhugiri for termination of 220 kV D/C Madhugiri – Antharasanhalli line	01/12/15	245/TT/2017	04/09/18
23	System Strengthening - XIII of SR Grid	220 kV line bays at Madhugiri for termination of 220 kV D/C Madhugiri – Madhugiri line	01/12/15	245/TT/2017	04/09/18
23	System Strengthening - XIII of SR Grid	220 kV line bays at Madhugiri for termination of 220 kV D/C Madhugiri – Nittur line	01/12/15	245/TT/2017	04/09/18
23	System Strengthening - XIII of SR Grid	400kV D/C Madhugiri-Yelhanka Transmission line	02.02.2020	D-677/2020	OA
24	Green Energy Corridor ISTS - Part -D	<b>Asset-I:</b> Combined Asset of a) 765KV D/C Ajmer(New)-Bikaner (New) line along with 240 MVAR, 765KV switchable line reactor and associated bays at Ajmer end and 330 MVAR, 765KV switchable line reactor and associated bays at Bikaner end; b) 2 Nos. of 765/400KV 3*500 MVA ICT along with associated bays at Bikaner S/S; c) 1 no. 765KV, 3*110 MVAR Bus Reactor along with associated bays at Bikaner (New)S/S; d) 1 no. of 400KV, 125MVAR Bus Reactor along with associated bay at Bikaner(New) S/S ; e) LILO of 01ckt. Of 400KVBadhla (RVPNL) - Bikaner (RVPNL) D/C line at Bikaner (New) along with associated Bays	7.7.2019	D-680/2020	OA
24	Green Energy Corridor ISTS - Part -D	<b>Asset-II:</b> 765 kv D/C Bikaner( new)-Moga line along with 2 nos. 330 MVAR, 765 KV Switchable line reactor and associated bays at Bikaner end and 2 nos. 330 MVAR, 765kv switchable line reactor and associated bays at Moga end	11.3.2020	D-680/2020	OA
25	Trans. System Strengthening in WR - NR Tran. Corridor for IPP's in Chhattisgarh	400 KV D/C Kurukshetra-Jind line (Quad) along with associated bays at both ends	11/12/17	58/TT/2018	19/11/18
25	Trans. System Strengthening in WR - NR Tran. Corridor for IPP's in Chhattisgarh	Pole III (1500MW) extension of 800kV Champa and kuruchetra HVDC stations for upgradation of existing HVDC converter stations from 3000 MW to 6000MW	05/10/19	690/TT/2020	OA
25	Trans. System Strengthening in WR - NR Tran. Corridor for IPP's in Chhattisgarh	Pole III (1500MW) extension of 800kV Champa and kuruchetra HVDC stations for upgradation of existing HVDC converter stations from 3000 MW to 6000MW	30/03/20	D-672/2020	OA