

Bidding Calendar

Sr. No.	Transmission Scheme along with Major Elements	Bidding Agency	Bidding Status	Expected SPV Transfer Date
<u>Northern Region</u>				
1.	Creation of 400/220 kV, 2x315 MVA S/S at Siot, Jammu & Kashmir <ul style="list-style-type: none"> • Establishment of 7x105MVA, 400/220kV Siot S/s with 1x80 MVAR (420 kV) bus reactor • LILO of 400 kV D/c Amargarh - Samba line at 400/220 kV Siot S/s. 	PFCCCL	During the meeting with CEA on 06.07.2023, it was decided to keep the project on hold as a downstream from the substation is yet to be build by JKPTCL. PFCCCL has been appointed as BPC for the downstream works.	-
2.	Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex): Part F (By clubbing Part F1 & F2) <ul style="list-style-type: none"> • Establishment of 3x1500 MVA, 765/400 kV& 2x500 MVA, 400/220 kV Barmer-I Pooling Station along with 2x240 MVAR (765 kV) Bus Reactor & 2x125 MVAR (420 kV) Bus Reactor • Fatehgarh-III (Section-2) PS – Barmer-I PS 400 kV D/c line (Quad) • Barmer-I PS– Sirohi PS 765 kV D/c line along with 240 MVAR switchable line reactor for each circuit at each end 	PFCCCL	SPV transferred to successful bidder on 07.11.2024.	
3.	Transmission system strengthening to facilitate evacuation of power from Bhadla/ Bikaner complex <ul style="list-style-type: none"> • 400 kV Bareilly (765/400 kV) – Bareilly (PG) D/c line (Quad) (2nd) • Augmentation with 1x1500 MVA, 765/400 kV ICT (3rd) at Bareilly (765/400 kV) S/s 	PFCCCL	<ul style="list-style-type: none"> • Only one bidder has purchased the RfP so RfP submission date extended. • As per the discussion in the NCT meeting held on 23.10.2024, bids where only one bidder has purchased the RfP, the matter may be referred to NCT for further necessary directions. • Necessary amendments are being proposed in the Guidelines. 	-

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4.	Augmentation at Fatehgarh-II PS, Fatehgarh-IV PS(Section-II) and Barmer-I PS	PFCCCL	RFP issued on 28.09.2024 and bid submission is scheduled on 03.12.2024.	December, 2024
5.	Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part I <ul style="list-style-type: none"> • Establishment of 6000MW, ±800KV Bhadla(HVDC) terminal station (4x1500 MW) at a suitable location near Bhadla-3 substation • Establishment of 6000MW, ±800KV Fatehpur (HVDC) terminal station (4x1500 MW) at suitable location near Fatehpur (UP) • Bhadla-3 - Bhadla(HVDC) 400kV 2xD/c Quad Moose line • ±800KV HVDC line (Hexa lapwing) between Bhadla (HVDC) & Fatehpur (with Dedicated Metallic Return) • Establishment of 5x1500MVA, 765/400KV ICTs at Fatehpur (HVDC) • LILO of both ckts of 765kV Varanasi – Kanpur (GIS) D/c at Fatehpur 	RECPDCL	RFP bid submitted on 08.10.2024.	November 2024
6.	Transmission system for evacuation of power from Luhri Stage-I HEP <ul style="list-style-type: none"> • Establishment of 7x105 MVA, 400/220kV Nange GIS Pooling Station • Nange (GIS) Pooling Station – Koldam 400 kV D/c line (Triple snowbird) • Bypassing one ckt of Koldam – Ropar/Ludhiana 400kV D/c line (Triple snowbird) at Koldam and connecting it with one of the circuit of NangeKoldam 400kV D/c line 	RECPDCL	RFP bid submission is scheduled on 08.11.2024.	December 2024
7.	Transmission system for evacuation of power from Shongtong Karcham HEP (450 MW) and Tidong HEP (150 MW) <ul style="list-style-type: none"> • Establishment of 2x315 MVA (7x105 MVA 1-ph units including a spare unit) 400/220 kV GIS Pooling Station at Jhangi • 400 kV Jhangi PS – Wangtoo (Quad) • LILO of one circuit of Jhangi PS –Wangtoo (HPPTCL) 400 kV D/cD/c line • Wangtoo (HPPTCL) - Panchkula (PG) 400 kV 	RECPDCL	RFP bid submitted on 13.09.2024. e-RA concluded on 02.10.2024	November 2024
8.	Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex): Part H1 <ul style="list-style-type: none"> • Establishment of 765/400 kV (2x1500 MVA), 400/22 kV (2x500 MVA) & 220/132 kV (3x200 MVA) Kurawar S/s with 2x330 MVAR 765 kV bus reactor and 1x125 MVAR, 420 kV bus reactor. 	RECPDCL	SPV transferred to successful bidder on 15.10.2024.	-

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	<ul style="list-style-type: none"> • Mandsaur – Kurawar 765 kV D/c line. • LILO of Indore – Bhopal 765 kV S/c line at Kurawar. • Kurawar – Ashtha 400 kV D/c (Quad ACSR/AAAC/AL59 moose equivalent) line. • LILO of one circuit of Indore – Itarsi 400kV D/c line at Astha. • Shujalpur – Kurawar 400 kV D/c (Quad ACSR/AAAC/AL59 moose equivalent) line. 			
9.	<p>Transmission System for evacuation of power from Rajasthan REZ Ph-IV (Part 3: 6GW) (Bikaner Complex) :Part A</p> <ul style="list-style-type: none"> • Establishment of 6x1500 MVA, 765/400 kV & 6x500 MVA, 400/220 kV Bikaner-IV Pooling Station • STATCOM (2x+300MVAR) along with MSC (4x125 MVAR) & MSR (2x125 MVAR) at Bikaner-IV PS • LILO of both ckts of Bikaner II PS Bikaner III PS (Quad) direct line at Bikaner-IV PS • Bikaner-IV PS – Siwani 765 kV D/c line along with 240 MVAR switchable line reactor for each circuit at each end • Siwani– Fatehabad (PG) 400 kV D/c line (Quad) • Siwani – Patran (Indi Grid) 400 kV D/c line (Quad) along with 80 MVAR switchable line reactor for each circuit at Siwani S/s end 	RECPDCL	RFP bid submitted on 26.09.2024. e-RA concluded on 09.10.2024 Lol Issued on 21.10.2024	November, 2024
10.	<p>Transmission System for evacuation of power from Rajasthan REZ Ph-IV (Part 3: 6GW) (Bikaner Complex) :Part B</p> <ul style="list-style-type: none"> • Establishment of 765/400kV, 6x1500 MVA S/s at suitable location near Siwani (Distt. Bhiwani) • Bikaner-IV PS – Siwani 765 kV D/c (2nd) line • STATCOM (2x+300MVAR) along with MSC (4x125 MVAR) & MSR (2x125 MVAR) at Siwani S/s • Siwani – Sonipat (PG) 400 kV D/c line (Quad) • Siwani – Jind (PG) 400 kV D/c line (Quad) 	RECPDCL	RFP bid submitted on 26.09.2024. e-RA concluded on 11.10.2024 Lol Issued on 21.10.2024	November, 2024
11.	<p>Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-4 :3.5 GW): Part A</p> <ul style="list-style-type: none"> • Augmentation with 765/400 kV, 2x1500 MVA Transformer (4th& 5th) at Barmer-I PS • Augmentation of 5x500 MVA (5th to 9th), 400/220 kV ICTs at Barmer-I PS 	RECPDCL	RFP bid submitted on 25.10.2024.	November,2024

Sr. No.	Transmission Scheme along with Major Elements	Bidding Agency	Bidding Status	Expected SPV Transfer Date
	<ul style="list-style-type: none"> • STATCOM (2x+300MVar) along with MSC (4x125 MVar) & MSR (2x125 MVar) along with 2 Nos. 400 kV bays at Barmer-I PS • Fatehgarh-IV PS (Sec-2) – Barmer-I PS 400kV D/c line (Quad) • Establishment of 765/400kV, 2x1500 MVA S/s near Ghiror (Distt. Mainpuri) along with 2x240 MVar (765kV) & 2x125 MVar (420kV) bus reactor at Ghiror S/s (UP) • Dausa - Ghiror 765 kV D/c line along with 330MVar switchable line reactor at Ghiror end and 240 MVar switchable line reactor at Dausa end for each circuit of Dausa - Ghiror 765 kV D/c line • LILO of both ckt of 765 kV Aligarh (PG) Orai (PG) D/c line at Ghiror S/s along with 240 MVar switchable line reactor for each circuit at Ghiror S/s end of 765 kV Ghiror Orai (PG) D/c line • LILO of one ckt of 765kV Agra (PG) – Fatehpur (PG) 2xS/c line at Ghiror along with 240 MVar switchable line reactor at Ghiror end of 765 kV Ghiror -Fatehpur (PG) line • 400kV Ghiror-Firozabad (UPPTCL) D/c line (Quad) 			
12.	<p>Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-4: 3.5 GW): Part B</p> <ul style="list-style-type: none"> • Establishment of 765/400 kV, 2x1500 MVA S/s at suitable location near Merta (Merta-II Substation) along with 2x240 MVar (765 kV) & 2x125 MVar (420 kV) bus reactor at Merta-II S/s • Barmer-I PS – Merta-II 765 kV D/c line along with 330 MVar switchable line reactor for each circuit at each end of Barmer-I PS – Merta-II 765 kV D/c line • Merta-II – Beawar 400 kV D/c line (Quad) • Merta-II – Dausa 765 kV D/c line along with 240 MVar switchable line reactor for each circuit at each end of Merta-II – Dausa 765kV D/c line 	RECPDCL	RFP bid submitted on 28.10.2024.	November,2024
13.	<p>Transmission scheme for evacuation of power from Ratle HEP (850 MW) & Kiru HEP (624 MW): Part-A</p> <ul style="list-style-type: none"> • LILO of 400 kV Kishenpur- Dulhasti line (Twin) at Kishtwar S/s along with associated bays at Kishtwar S/s • 400 kV Kishenpur-Samba D/c line (Quad) (only one circuit is to be terminated at Kishenpur utilizing 1 no. of 400 kV vacated line bay at Kishenur S/s (formed with bypassing of one ckt of 400 kV Kishtwar – Kishenpur 400 kV D/c line (Quad) at Kishenpur) while second 	RECPDCL	RFP bid submission is scheduled on 29.11.2024.	December,2024

Sr. No.	Transmission Scheme along with Major Elements	Bidding Agency	Bidding Status	Expected SPV Transfer Date
	<p>circuit would be connected to bypassed circuit of 400 kV Kishtwar – Kishenpur line (Quad))</p> <ul style="list-style-type: none"> • Bypassing of one ckt of 400 kV Kishtwar – Kishenpur 400 kV D/c line (Quad) at Kishenpur and connecting it with one of the circuit of Kishenpur-Samba 400 kV D/c line(Quad), thus forming 400 kV Kishtwar - Samba (Quad) direct line (one ckt) • 1x80 MVAr Switchable line reactor at Samba end of 400 kV Kishtwar-Samba 400 kV line-165 km (Quad) [formed after bypassing of 400 kV Kishtwar – Kishenpur line (Quad) at Kishenpur and connecting it with one of the circuit of Kishenpur-Samba 400 kV D/c line(Quad)) • 1x63 MVAr Switchable line reactor on each ckt at Jalandhar end of Kishenpur– Jalandhar D/c direct line -171km(Twin) (formed after bypassing both ckts of 400 kV Kishenpur – Samba D/c line (Twin) & 400 kV Samba – Jalandhar D/c line (Twin) at Samba and connecting them together to form Kishenpur– Jalandhar D/c direct line (Twin)) • 400 kV Samba- Jalandhar D/c line(Quad) (only one circuit is to be terminated at Jalandhar utilizing 1 no. of 400 kV vacated line bay at Jalandhar S/s (formed with bypassing of 400 kV Jalandhar – Nakodar line (Quad) at Jalandhar) while second circuit would be connected to bypassed circuit of Jalandhar –Nakodar 400 kV line (Quad)) • 1x80 MVAr Switchable line reactor at Samba end of Samba – Nakodar direct line (Quad) (187km) formed after bypassing of 400 kV Jalandhar –Nakodar line (Quad) at Jalandhar and connecting it with one of the circuit of Samba-Jalandhar 400 kV D/c line(Quad Moose), thus forming Samba –Nakodar line (Quad) • Bypassing 400 kV Jalandhar – Nakodar line (Quad) at Jalandhar and connecting it with one of the circuit of Samba-Jalandhar 400 kV D/c line(Quad Moose), thus forming 400 kV Samba – Nakodar (Quad) direct line 			
14.	<p>Transmission system for evacuation of power from Rajasthan REZ Ph-V (Part-1: 4 GW) [Sirohi/Nagaur] Complex</p> <p>1. Transmission system for immediate Evacuation of Power from Sirohi S/s (2 GW)</p> <ul style="list-style-type: none"> • 5x500 MVA, 400/220 kV ICTs at Sirohi S/s along with transformer bays 	RECPDCL	RFP bid submission is scheduled on 29.11.2024.	December, 2024

Sr. No.	Transmission Scheme along with Major Elements	Bidding Agency	Bidding Status	Expected SPV Transfer Date
	<ul style="list-style-type: none"> • 6 Nos. 220 kV line bays at Sirohi S/s for RE interconnection • 220 kV Sectionalizer bay (1 set) along with 220 kV BC (2 Nos.) bay and 220 kV TBC (2 Nos.) bay at Sirohi S/s 2. Transmission system for Common Evacuation of Power from Sirohi PS (2 GW) &Merta-II PS (2GW) • Sirohi – Mandsaur PS 765 kV D/c line along with 240 MVA switchable line reactor at Sirohi end and 330 MVA switchable line reactor at Mandsaur PS end for each • Mandsaur PS – Khandwa (New) 765 kV D/c line along with 240 MVA switchable line reactor for each circuit at each end of Mandsaur PS – Khandwa (New) 765kV D/c line 			
<u>Southern Region</u>				
1.	Transmission Scheme for integration of Davanagere / Chitradurga REZ and Bellary REZ in Karnataka <ul style="list-style-type: none"> • Establishment of 765/400kV 4x1500 MVA, 400/220kV 4x500 MVA Pooling Station near Davanagere / Chitradurga, Karnataka • LILO of Narendra New – Madhugiri 765kV D/c line at Davanagere / Chitradurga 765/400kV PS • Upgradation of Narendra New –Madhugiri 765kV D/c line • Upgradation of Madhugiri {Tumkur(Vasantnarsapura)} to its rated voltage of 765kV level alongwith 3x1500 MVA, 765/400kV ICTs and 2x330 MVA, 765kV bus reactors • Establishment of 4x500 MVA, 400/220kV Pooling Station near Bellary area (Bellary P), Karnataka • Bellary PS – Davanagere / Chitradurga 400kV (Quad ACSR moose) D/c line 	PFCCCL	RFP issued on 12.06.2024 and Bid submission is scheduled on 15.11.2024.	December, 2024.
2.	Transmission Scheme for integration of Bijapur REZ in Karnataka <ul style="list-style-type: none"> • Establishment of 400/220 kV, 5x500 MVA Pooling Station near Bijapur (Vijayapura), Karnataka • Bijapur PS – Raichur New 400kV (Quad ACSR moose) D/c line 	PFCCCL	<ul style="list-style-type: none"> • Technical Bid submitted on 27.09.2024. • e-RA concluded on 07.11.2024 	November, 2024
3.	Transmission System under ISTS for evacuation of power from Kudankulam Unit - 3 & 4 (2x1000 MW) <ul style="list-style-type: none"> • KNPP 3&4 – Tuticorin-II GIS PS 400 kV (quad) D/c line 	PFCCCL	<ul style="list-style-type: none"> • Technical Bid submitted on 26.09.2024. • e-RA concluded on 07.11.2024 	November, 2024

Sr. No.	Transmission Scheme along with Major Elements	Bidding Agency	Bidding Status	Expected SPV Transfer Date
4.	<p>System strengthening at Koppal-II and Gadag-II for integration of RE generation projects</p> <ul style="list-style-type: none"> • Augmentation of 3x1500 MVA 765/400 kV ICTs (5th, 6th & 7th) at Koppal-II PS • Augmentation of 5x500 MVA 400/220 kV ICTs (5th, 6th, 7th, 8th & 9th) at Koppal-II PS • Augmentation of 7x500 MVA 400/220 kV ICTs (3rd, 4th, 5th, 6th, 7th, 8th & 9th) at Gadag-II PS • Gadag-II PS – Koppal-II PS 400 kV (Quad) 2nd D/c line 	PFCCCL	RFP issued on 30.07.2024 and bid submission is scheduled on 12.11.2024.	December, 2024
5.	<p>Transmission system strengthening at Kurnool-III PS for integration of additional RE generation projects.</p> <p>Package A–</p> <ul style="list-style-type: none"> • Augmentation of transformation capacity by 3x1500 MVA, 765/400 kV ICTs at Kurnool-III PS • Kurnool-III PS – Chilakaluripeta 765 kV D/c line with 240 MVAR switchable line reactors at both ends <p>Package B–</p> <ul style="list-style-type: none"> • 2 Nos. of 400 kV line bays at Kurnool-III PS for termination of dedicated transmission line of M/s Adani Renewable Energy Forty Two Ltd. • 4 Nos. of 400 kV line bay at Kurnool-III PS for termination of dedicated transmission lines of M/s Indosol Solar Pvt. Ltd. 	PFCCCL	RFP issued on 25.09.2024 and bid submission is scheduled on 29.11.2024.	December, 2024
6.	<p>Transmission System for Integration of Anantapur-II REZ - Phase-I (for 4.5 GW)</p> <ul style="list-style-type: none"> • Establishment of 4x1500 MVA, 765/400 & 6x500 MVA, 400/220 kV Ananthapuram-II Pooling Station near Kurnool, Andhra Pradesh along with 2x330 MVAR (765 kV) bus reactors at Ananthapuram-II PS with provision of two (2) sections of 4500 MVA each at 400 kV level • Ananthapuram-II – Davangere 765 kV D/c line (about 150km) with 240 MVAR SLR (convertible) at Ananthapuram-II end on both circuits • Ananthapuram-II – Cuddapah 765 kV D/c line (about 200km) with 330 MVAR SLR (convertible) at Ananthapuram-II end on both circuits 	PFCCCL	RFP issued on 15.10.2024 and bid submission is scheduled on 19.12.2024.	January, 2025

Sr. No.	Transmission Scheme along with Major Elements	Bidding Agency	Bidding Status	Expected SPV Transfer Date
	<ul style="list-style-type: none"> +300 MVAR STATCOM at Ananthapuram-II PS along with 2x125 MVar MSR 			
7.	<p>Transmission System for Integration of Kurnool-IV REZ - Phase-I (for 4.5 GW)</p> <ul style="list-style-type: none"> Establishment of 4x1500 MVA, 765/400 kV & 4x500 MVA, 400/220 kV Kurnool-IV Pooling Station near Kurnool, Andhra Pradesh along with 2x330 MVar (765 kV) bus reactors at Kurnool-IV PS with provision of two (2) sections of 4500MVA each at 400 kV level Kurnool-IV – Bidar 765 kV D/c line (about 330kms) with 330 MVAR SLR (convertible) at both ends on both circuits Kurnool-IV – Kurnool-III PS 765 kV D/c line (about 150 kms) with 240 MVAR SLR(convertible) at Kurnool-IV end on both circuits + 300 MVAR STATCOM at Kurnool-IV PS along with 2x125 MVar MSR Augmentation of 1x1500 MVA, 765/400 kV ICT(3rd) at C’Peta <p>LILO of Vijayawada-Nellore 400 kV D/c line at C’Peta (about 20 kms)</p>	RECPDCL	RFP bid submission is scheduled on 30.12.2024.	January, 2025
8.	<p>Transmission system for proposed Green Hydrogen / Green Ammonia projects in Tuticorin area)</p> <ul style="list-style-type: none"> Establishment of 3x1500 MVA, 765/400 kV Tuticorin (GH) S/s with 1x240 MVAR bus Reactor Tuticorin PS – Tuticorin (GH) 765 kV D/c line Upgradation of Tuticorin PS - Dharmapuri (Salem New) 765 kV D/c line (presently charged at 400 kV level) at its rated 765 kV voltage level with 1x330 MVar switchable Line Reactor on both ends of each circuit Transmission line for change of termination from 400 kV switchyard to 765 kV switchyard for Tuticorin PS – Dharmapuri (Salem New) 765 kV D/c line at Tuticorin PS & Dharmapuri (Salem New) Upgradation of Tuticorin PS to its rated voltage of 765 kV level alongwith 3x1500 MVA, 765/400 kV ICTs and 1x330 MVar, 765 kV bus reactors 	RECPDCL	RFP bid submission is scheduled on 20.12.2024.	January, 2025

Sr. No.	Transmission Scheme along with Major Elements	Bidding Agency	Bidding Status	Expected SPV Transfer Date
	<ul style="list-style-type: none"> • Upgradation of Dharmapuri (Salem New) to its rated voltage of 765 kV level alongwith 3x1500 MVA, 765/400 kV ICTs and 1x330 MVA, 765 kV bus reactor • 400 kV line reactors on Tuticorin PS - Dharmapuri (Salem New) 765 kV D/c line shall be utilized as bus reactors at respective 400 kV substations based on availability of bays. • Upgradation of Dharmapuri (Salem New) – Madhugiri 765 kV 2xS/c lines (presently charged at 400 kV) to its rated voltage at 765 kV with 1x330 MVA switchable Line Reactor on Dharmapuri (Salem New) end of each circuit • Transmission line for change of termination from 400 kV switchyard to 765 kV switchyard for Dharmapuri (Salem New) – Madhugiri 765 kV 2xS/c line at Dharmapuri (Salem New)&Madhugiri. • 400 kV line reactors on Dharmapuri (Salem New) – Madhugiri 765 kV 2xS/c lines shall be utilized as bus reactors at respective 400 kV substations based on availability of bays. 			
9.	<p>Augumentation of transformation capacity by 3x500 MVA, 400/220 kV ICTs (6th – 8th) and 1x1500 MVA, 765/400 kV ICT (4ct) at Bidar PS</p> <ul style="list-style-type: none"> • Augumentation of transformation capacity of 1x1500 MVA (4th), 765/400 kv ICT at Bidar PS • Augumentation of transformation capacity by 3x500 MVA, 400/220 kV ICTs (6th-8th) at Bidar PS • (a). 1 no. of 220 kV line bay at Bidar PS for termination of dedicated transmission lines of M/s Quest Hybren Pvt. Ltd • (b). 1 No. of 220 kV line bay at Bidar PS for termination of dedicated transmission lines of M/s Pulse Hybren Pvt. Ltd. 	RECPDCL	RFP bid submission is scheduled on 16.12.2024.	January, 2025
<u>Western Region</u>				

Sr. No.	Transmission Scheme along with Major Elements	Bidding Agency	Bidding Status	Expected SPV Transfer Date
1.	<p>Provision of Dynamic Reactive Compensation at KPS1 and KPS3</p> <ul style="list-style-type: none"> ± 300 MVar STATCOM with 1x125 MVar MSC, 2x125 MVar MSR at KPS1 400 kV Bus section-1 with 1 No. of 400 kV bay (GIS) ± 300 MVar STATCOM with 1x125 MVar MSC, 2x125 MVar MSR at KPS1 400 kV Bus section-2 with 1 No. of 400 kV bay (GIS) ± 300 MVar STATCOM with 1x125 MVar MSC, 2x125 MVar MSR at KPS3 400 kV Bus section-1 with 1 No. of 400 kV bay (GIS) 	PFCCCL	SPV transferred to successful bidder on 07.11.2024	-
2.	<p>Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part B</p> <ul style="list-style-type: none"> Establishment of 2x1500 MVA, 765/400 kV & 2x500 MVA, 400/220 kV GIS S/s at a suitable location South of Olpad (between Olpad and Ichhapore) with 2x330 MVAR, 765 kV & 1x125 MVAR, 420 kV bus reactors Vadodara (GIS) –South Olpad (GIS) 765 kV D/C line LILO of Gandhar – Hazira 400 kV D/c line at South Olpad (GIS) using twin HTLS conductor with minimum capacity of 1700 MVA per ckt at nominal voltage Ahmedabad – South Olpad (GIS) 765 kV D/c line 	PFCCCL	SPV transferred to successful bidder on 15.10.2024	-
3.	<p>Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part D</p> <ul style="list-style-type: none"> Establishment of 2x1500 MVA, 765/400 kV & 3x500 MVA, 400/220 kV Pune- III (GIS) S/s with 2x330 MVAR, 765 kV bus reactor and 2x125 MVAR, 420 kV bus reactor. Boisar-II – Pune-III 765 kV D/c line LILO of Narendra (New) – Pune (GIS) 765 kV D/c line at Pune-III LILO of Hinjewadi-Koyna 400 kV S/c line at Pune-III (GIS) S/s 	PFCCCL	• Lol issued to successful bidder and MoP approval awaited.	12.11.2024
4.	<p>Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-V (8 GW): Part C</p> <ul style="list-style-type: none"> Establishment of 2500 MW, ± 500 kV KPS3 (HVDC) [VSC] terminal station (2x1250 MW) at a suitable location near KPS3 substation with associated interconnections with 400 kV HVAC Switchyard 	PFCCCL	RFP issued on 26.07.2024 and bid submission is scheduled on 15.11.2024.	December, 2024

Sr. No.	Transmission Scheme along with Major Elements	Bidding Agency	Bidding Status	Expected SPV Transfer Date
	<ul style="list-style-type: none"> • Establishment of 2500 MW, \pm 500 kV South Olpad (HVDC) [VSC] terminal station (2x1250 MW) along with associated interconnections with 400 kV HVAC Switchyard of South Olpad S/s • Establishment of KPS3 (HVDC) S/s along with 2x125 MVAR, 420 kV bus reactors along with associated interconnections with HVDC Switchyard. The 400 kV bus shall be established in 2 sections through 1 set of 400 kV bus sectionaliser to be kept normally OPEN. • 400/33 kV, 2x50 MVA transformers for exclusively supplying auxiliary power to HVDC terminal. MVAR • KPS3 – KPS3 (HVDC) 400 kV 2xD/c (Quad ACSR/AAAC/AL59 moose equivalent) line along with the line bays at both substations • \pm500 kV HVDC Bipole line between KPS3 (HVDC) and South Olpad (HVDC) (with Dedicated Metallic Return) (capable to evacuate 2500 MW) 			
5.	<p>Network Expansion scheme in Gujarat for drawl of about 3.6 GW load under Phase-I in Jamnagar area</p> <ul style="list-style-type: none"> • Establishment of 2x1500 MVA 765/400 kV Jamnagar (GIS) PS. • Halvad – Jamnagar 765 kV D/c line. • LILO of Jam Khambhaliya PS – Lakadia 400 kV D/c (triple snowbird) line at Jamnagar. • Jamnagar – Jam Khambhaliya 400 kV D/c (Quad ACSR/AAAC/AL59 moose equivalent) line. • LILO of CGPL – Jetpur 400kV D/c (triple snowbird) line at Jamnagar. • LILO of both ckts of Kalavad – Bhogat 400kV D/c line (Twin AL-59) at Jam Khambhaliya PS. • \pm400 MVAr STATCOM with 3x125 MVAr MSC & 2x125 MVAr MSR at Jamnagar 400kV Bus section. 	PFCCCL	SPV transferred to successful bidder on 14.10.2024.	
6.	<p>Augmentation of transformation capacity at Bhuj-II PS (GIS)</p> <ul style="list-style-type: none"> • Augmentation of transformation capacity at Bhuj-II PS (GIS) by 2x500 MVA, 400/220 kV ICT (5th & 6th) and by 1x1500 MVA, 765/400 kV ICT (3rd). 	PFCCCL	RfP bid submitted on 27.08.2024 <ul style="list-style-type: none"> • Single Bid issue • As per the discussion in the NCT meeting held on 23.10.24, bids where more 	-

Sr. No.	Transmission Scheme along with Major Elements	Bidding Agency	Bidding Status	Expected SPV Transfer Date
	<ul style="list-style-type: none"> Implementation of 220 kV GIS line bay at Bhuj-II PS for ABREL (RJ) Projects Limited. 		<p>than one participant has purchased the RfP, BPC may go ahead with the opening of the RfP bids and the project may be awarded to the bidder in case the quoted tariff is within 30% of the CERC tariff.</p> <ul style="list-style-type: none"> Necessary amendments are being proposed in the Guidelines 	
7.	<p>Network Expansion Scheme in Navinal (Mundra) area of Gujarat for drawal of power in the area</p> <ul style="list-style-type: none"> Establishment of 4x1500 MVA, 765/400 kV Navinal (Mundra) S/s (GIS) with 2x330 MVAR, 765 kV & 1x125MVAR, 420 kV bus reactors. LILO of Bhuj-II – Lakadia 765 kV D/c line at Navinal(Mundra) (GIS) S/s with associated bays at Navinal (Mundra) (GIS) S/s Installation of 1x330 MVAR switchable line reactor on each ckt at Navinal end of Lakadia –Navinal 765 kV D/c line (formed after above LILO) 	PFCCL	SPV transferred to successful bidder on 14.10.2024	

Sr. No.	Transmission Scheme along with Major Elements	Bidding Agency	Bidding Status	Expected SPV Transfer Date
8.	<p>Augmentation of transformation capacity at Jam Khambhaliya PS (JKTL)</p> <ul style="list-style-type: none"> • Creation of New 220 kV Bus Section-II at Jam Khambhaliya PS Space to be kept for 1 no. 220 kV line bay in the same GIS Hall for RE Interconnection being implemented by the RE (in addition to 2 nos. bays at Sl. 4 of Gazette) • Augmentation of transformation capacity at Jam Khambhaliya PS (GIS) by 2x500MVA, 400/220 kV ICT (5th & 6th) (terminated on New 220kV Bus section-II) • Augmentation of transformation capacity at Jam Khambhaliya PS (GIS) by 1x500MVA, 400/220kV ICT (7th) (terminated on New 220kV bus section-II) • Creation of New 220kV Bus Section at Jam Khambhaliya PS (Section III). • Augmentation of transformation capacity at Jam Khambhaliya PS (GIS) by 1x500MVA, 400/220kV ICT (8th) (terminated on New 220kV bus section-III) • Augmentation of transformation capacity at Jam Khambhaliya PS (GIS) by 1x500MVA, 400/220kV (9th) ICT terminated on New 220kV bus section-III 	PFCCCL	SPV transferred to successful bidder on 15.10.2024	
9.	<p>Transmission System for evacuation of RE power from Raghanesda area of Gujarat – 3GW under Phase-I</p> <ul style="list-style-type: none"> • Establishment of 3x1500 MVA, 765/400 kV Substation near Raghanesda (GIS) with 2x330 MVAR, 765 kV bus reactor and 2x125 MVAR, 420 kV bus reactor • Raghanesda (GIS) – Banaskantha (PG) 765 kV D/c line • 2 Nos. 765 kV line bays at Banaskantha (PG) S/s 	PFCCCL	RFP issued on 14.09.2024 and bid submission is scheduled on 19.11.2024.	December, 2024
10.	<p>Provision of ICT Augmentation and Bus Reactor at Bhuj-II PS</p> <ul style="list-style-type: none"> • Augmentation of transformation capacity at Bhuj-II PS (GIS) by 3x500 MVA, 400/220 kV ICT (7th, 8th & 9th) • Augmentation of transformation capacity at Bhuj-II PS (GIS) by 1x1500 MVA, 765/400 kV ICT (4th) 	PFCCCL	RFP issued on 14.09.2024 and bid submission is scheduled on 20.11.2024.	December, 2024

Sr. No.	Transmission Scheme along with Major Elements	Bidding Agency	Bidding Status	Expected SPV Transfer Date
	<ul style="list-style-type: none"> • Installation of 1x330 MVAR 765 kV Bus Reactor (2nd) along-with associated bay. • Implementation of 220 kV GIS line bay at Bhuj-II PS for Aditya Birla Renewables Subsidiary Limited (ABRSL) [Appln No: 2200000321(362MW)] • Implementation of 220 kV GIS line bay at Bhuj-II PS for ACME Cleantech Solutions Private Limited (ACSPL) [Appln No: 2200000382(350 MW)] • Implementation of 220 kV GIS line bay at Bhuj-II PS for ACME Cleantech Solutions Private Limited (ACSPL) [Appln No: 2200000431(50 MW)] • Implementation of 220 kV GIS line bay at Bhuj-II PS for Avaada Energy Pvt Ltd. (AEPL) [Appl. No: 2200000444(100 MW)] • Implementation of 220 kV GIS line bays at Bhuj-II PS for Adani Green Energy Thirty- Two Ltd. (AGE32L) [Appl. No: 2200000514 (260.5MW)] • Implementation of 220 kV GIS line bays at Bhuj-II PS for Adani Renewable Energy Eight Ltd. (ARE8L) [Appl. No: 2200000545 (115MW)] 			
11.	<p>Transmission System for evacuation of power from Mahan Energen Limited Generating Station in Madhya Pradesh</p> <ul style="list-style-type: none"> • Mahan (existing bus) – Rewa PS (PG) 400 kV D/c (Quad ACSR/AAAC/AL59 moose equivalent)line. • 2 Nos. 400 kV bays at Rewa PS (PG) for termination of Mahan (existing bus) – Rewa PS (PG) 400 kV D/c line (Quad ACSR/AAAC/AL59 moose equivalent)line 	PFCCCL	RFP issued on 14.09.2024 and bid submission is scheduled on 18.11.2024.	December, 2024
12.	<p>Transmission System for supply of power to Green Hydrogen/ Ammonia manufacturing potential in Kandla area of Gujarat (Phase-I: 3 GW)</p> <ul style="list-style-type: none"> • Establishment of 3x1500 MVA, 765/400 kV Kandla(GIS) with 2x330 MVAR 765 kV bus reactor and 2x125 MVAR 420 kV bus reactor. • Halvad – Kandla(GIS) 765 kV D/c line • 2 Nos. of 765 kV line bays at Halvad for termination of Halvad – Kandla 765 kV D/c line 	PFCCCL	RFP issued on 15.10.2024 and bid submission is scheduled on 17.12.2024.	January, 2025

Sr. No.	Transmission Scheme along with Major Elements	Bidding Agency	Bidding Status	Expected SPV Transfer Date
	<ul style="list-style-type: none"> • 240 MVAR switchable line reactors on each ckt at Kandla (GIS) end of Halvad – Kandla 765 kV D/c line (with NGR bypass arrangement) • ± 400 MVAR STATCOM along with 2x125 MVAR MSC & 1x125 MVAR MSR at Kandla(GIS) 400 kV Bus section-I 			
13.	<p>Transmission system for supply of power to Green Hydrogen/Ammonia manufacturing potential in Mundra area of Gujarat under Phase-I: Part B1 scheme (3 GW at Navinal S/s)</p> <ul style="list-style-type: none"> • Augmentation of Transformation capacity at 765/400 kV Navinal(Mundra) S/s (GIS) by 2x1500 MVA ICTs along with 2x330 MVAR, 765 kV & 2x125MVAR, 420 kV bus reactors on Bus Section-II and 1x125MVAR, 420 kV bus reactor on Bus Section-I. This will involve creation of 765 kV &400 kV Bus Sections 2 through sectionalization arrangement. The 400 kV and 765 kV Sectionalizer shall be normally closed. • Navinal(Mundra) (GIS) – Bhuj 765 kV D/c line • 765 kV line bays at each end of Navinal(Mundra) (GIS) – Bhuj 765 kV D/c line • ±300MVAR STATCOM along with 2x125MVAR MSC & 1x125MVAR MSR at Navinal(Mundra) (GIS) 400 kV Bus section-I • ±300MVAR STATCOM along with 2x125MVAR MSC & 1x125MVAR MSR at Navinal(Mundra) (GIS) 400 kV Bus section-II 	PFCCCL	RFP issued on 15.10.2024 and bid submission is scheduled on 18.12.2024.	January, 2025
14.	<p>Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part C</p> <ul style="list-style-type: none"> • Establishment of 4x1500 MVA, 765/400 kV & 2x500 MVA, 400/220 kV Boisar-II (GIS) S/s with 2x330 MVAR, 765 kV bus reactors and 2x125 MVAR, 420 kV bus reactors. • South Olpad (GIS) – Boisar-II (GIS) 765kV D/c line. • LILO of Navsari (New) – Padghe (PG) 765 kV D/c line at Boisar-II. • Boisar-II (Sec-II) – Velgaon (MH) 400 kV D/c (Quad ACSR/AAAC/AL59 moose equivalent) line. • LILO of Babhaleswar – Padghe (M) 400 kV D/c line at Boisar-II (Sec-I) using twin HTLS conductor with a minimum capacity of 1700 MVA per ckt at nominal voltage. 	RECPDCL	RFP bid submitted on 03.05.2024.	TSA signed on 15 th October 2024.

Sr. No.	Transmission Scheme along with Major Elements	Bidding Agency	Bidding Status	Expected SPV Transfer Date
	<ul style="list-style-type: none"> • ±200 MVAR STATCOM with 2x125 MVAR MSC, 1x125 MVAR MSR at 400 kV bus section-I of Boisar-II and ±200 MVAR STATCOM with 2x125 MVAR MSC, 1x125 MVAR MSR at 400 kV bus section-II of Boisar-II. • ± 300 MVAR STATCOM with 3x125 MVAR MSC, 1x125 MVAR MSR at 400 kV level of Navsari (New)(PG) S/s with 1 No. of 400 kV bay (GIS). 			
15.	<p>Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-V (8 GW): Part A</p> <ul style="list-style-type: none"> • Establishment of 6000 MW, ± 800 kV KPS2 (HVDC) [LCC] terminal station (4x1500 MW) along with associated interconnections with 400 kV HVAC Switchyard. • Establishment of 6000 MW, ± 800 kV Nagpur (HVDC) [LCC] terminal station (4x1500 MW) along with associated interconnections with 400 kV HVAC Switchyard. • ±800 kV HVDC Bipole line (Hexa lapwing) between KPS2 (HVDC) and Nagpur (HVDC) (1200 km) (with Dedicated Metallic Return). • Establishment of 6x1500 MVA, 765/400 kV ICTs at NagpurS/s along with 2x330 MVAR (765 kV) & 2x125 MVAR, 420 kV bus reactors along with associated interconnections with HVDC Switchyard. • LILO of Wardha – Raipur 765 kV one D/c line (out of 2xD/c lines) at Nagpur. 	RECPDCL	<p>RFP bid submitted on 06.09.2024.</p> <ul style="list-style-type: none"> • e-RA concluded on 21.09.2024 • Lol Issued on 24.10.2024 	October, 2024
16.	<p>Network Expansion scheme in Western Region to cater to Pumped storage potential near Talegaon (Pune)</p> <ul style="list-style-type: none"> • Establishment 2x1500 MVA, 765/400 kV Substation near South of Kalamb with 2x330 MVAR, 765 kV bus reactor and 2x125 MVAR, 420 kV bus reactor • LILO of Pune-III – Boisar-II 765 kV D/c line at South Kalamb S/s with associated bays at South Kalamb S/s • Installation of 1x240 MVAr switchable line reactor on each ckt at South Kalamb end of Boisar-II – South Kalamb 765 kV D/c line (formed after above LILO) 	RECPDCL	RFP bid submission is scheduled on 20.12.2024.	January, 2025
17.	<p>Transmission system for Augmentation of transformation capacity at 765/400 kV Lakadia S/s (WRSSXXI(A) Transco Ltd) in Gujarat – Part B</p>	RECPDCL	RFP bid submission is scheduled on 22.11.2024.	December, 2024

Sr. No.	Transmission Scheme along with Major Elements	Bidding Agency	Bidding Status	Expected SPV Transfer Date
	<ul style="list-style-type: none"> • Installation of 2x 500 MVA, 400/220 kV ICTs (3rd & 4th) at Lakadia PS along with associated ICT bays • Implementation of 220 kV line bay at Lakadia PS for TEQ Green Power XVII Private Limited (TGPXVIIPL: 300 MW) • Implementation of 220 kV line bay at Lakadia PS for Arcelor Mittal Nippon Steel India Limited (AMNSIL: 350 MW) • Implementation of 220 kV line bay at Lakadia PS for Renew Solar (Shakti Eight) Private Limited (RS(S8)PL: 200 MW) • Creation of New 220 kV Bus Section-II at Lakadia PS along with 220 kV Sectionaliser arrangement between 220 kV Bus sec-I & Sec-II • Augmentation of transformation capacity at Lakadia PS by 4x500 MVA, 400/220 kV ICTs (5th 6th, 7th & 8th) terminated on new 220 kV Bus Section-II • Implementation of 220 kV line bay at Lakadia PS for Juniper Green Energy Private Limited (JGEPL) (Appl. No. 2200000376: 300 MW) • Implementation of 220 kV line bay at Lakadia PS for TEQ Green Power XVI Pvt. Ltd. (TGPXVIPL) (Appl. No. 2200000398: 76MW) • Implementation of 220 kV line bay at Lakadia PS for Ganeko Solar Pvt. Ltd. (GSPL) (Appl. No. 2200000458: 290 MW) • Implementation of 220 kV line bay at Lakadia PS for Juniper Green Energy Private Limited (JGEPL) (Appl. No. 2200000500: 150 MW) • Implementation of 220 kV line bay at Lakadia PS for Serentica Renewables India Private Limited (SRIPL) (Appl. No. 2200000610: 200 MW) • Implementation of 220 kV line bay at Lakadia PS for RDS Solar Park Private Limited (RDSSPPL) (Appl. No. 2200000639: 350 MW) • Implementation of 220 kV line bay at Lakadia PS for Percentum Renewables Private Limited (PRPL) (Appl. No. 2200000673: 148 MW) • Installation of 1x 330 MVAr 765 kV Bus Reactor (2nd) along-with associated bay • Augmentation of transformation capacity at Lakadia PS by 1x1500 MVA, 765/400 kV ICTs (3rd) 			
18.	Augmentation of transformation capacity at Banaskantha (Raghanesda) PS (GIS)	RECPDCL	RFP bid submission is scheduled on 03.12.2024.	January, 2025

Sr. No.	Transmission Scheme along with Major Elements	Bidding Agency	Bidding Status	Expected SPV Transfer Date
	<ul style="list-style-type: none"> Augmentation of transformation capacity at Banaskantha (Raghanesda) PS (GIS) by 2x500 MVA, 400/220 kV ICTs (3rd and 4th) 			
19.	<p>Augmentation of transformation capacity at KPS1 (GIS) and KPS2 (GIS) (Phase-V Part B1 and Part B2 scheme)</p> <ul style="list-style-type: none"> Augmentation of transformation capacity at KPS1 (GIS) by 1x1500 MVA, 765/400 kV ICT on Bus section-II (9th) <p>Augmentation of transformation capacity at KPS2 (GIS) by 1x1500 MVA, 765/400 kV ICT on Bus section-I (9th)</p>	RECPDCL	RFP bid submission is scheduled on 03.12.2024.	January, 2025
<u>Eastern Region</u>				
1.	<p>Eastern Region Expansion Scheme-XXXIV (ERES-XXXIV)</p> <ul style="list-style-type: none"> Establishment of Paradeep 765/400 kV, 2x1500 MVA GIS substation Angul (POWERGRID) – Paradeep 765 kV D/c line along with 765 kV, 1x330 MVA switchable line reactor with 500-ohm NGR (with NGR bypass arrangement) at Paradeep end in both circuits Paradeep – Paradeep (OPTCL) 400 kV D/c (Quad) line 	PFCCCL	SPV transferred to successful bidder on 06.11.2024	-
2.	<p>Eastern Region Generation Schemel (ERGS-I)</p> <ul style="list-style-type: none"> LILO of both circuits of Angul – Sundargarh (Jharsuguda) 765 kV 2xS/c lines at NLC-Talabira generation switchyard 	PFCCCL	<p>RFP bid submitted on 23.10.2024.</p> <ul style="list-style-type: none"> Technical evaluation completed. Financial bid to be opened on 11.11.2024. 	November, 2024
3.	<p>Eastern Region Expansion Scheme XXXIX (ERESXXXIX)</p> <ul style="list-style-type: none"> Establishment of new 765/400kV, 2x1500MVA GIS substation at Gopalpur in Odisha. Angul – Gopalpur 765 kV D/c line Extension at 765kV level at Angul (POWERGRID) S/s including bus extension in GIS Gopalpur – Gopalpur (OPTCL) 400kV D/c (Quad) line <p>Extension at 400kV level at #Gopalpur (OPTCL) GIS S/s</p>	RECPDCL	<p>RFP bid submitted on 24.09.2024.</p> <ul style="list-style-type: none"> e-RA concluded on 05.10.2024 Lol issued on 15.10.2024 	November, 2024

Sr. No.	Transmission Scheme along with Major Elements	Bidding Agency	Bidding Status	Expected SPV Transfer Date
<u>North-Eastern Region</u>				
1.	<p>North-Eastern Region Expansion Scheme-XXV Part-A (NERES-XXV Part-A)</p> <ul style="list-style-type: none"> • Establishment of new 400 kV Bornagar (ISTS) switching station in Assam (765 kV and 220 kV levels to be established in future) • LILO of both circuits of existing Bongaigaon (POWERGRID) – Balipara (POWERGRID) 400 kV D/c (Quad) line at Bornagar(ISTS) • #Disconnection of Alipurduar (POWERGRID) – Bongaigaon (POWERGRID) 400 kV D/c (Quad) line from Bongaigaon (POWERGRID) end and extension of the line for termination at Bornagar (ISTS) S/s so as to form Alipurduar(POWERGRID) – Bornagar(ISTS) 400 kV D/c (Quad) line • Installation of 420 kV, 1x80 MVAr switchable line reactor (along with 500 ohm NGR and NGR bypass arrangement) at Bornagar (ISTS) end in each circuit of Alipurduar (POWERGRID) – Bornagar 400 kV D/c (Quad) line formed after shifting of Alipurduar (POWERGRID) – Bongaigaon (POWERGRID) 400 kV D/c (Quad) line from Bongaigaon (POWERGRID) end to Bornagar (ISTS) S/s • Installation of 420 kV, 1x63 MVAr switchable line reactor (along with 400 ohm NGR and NGR bypass arrangement) at Bornagar (ISTS) end in each circuit of Bornagar (ISTS) – Balipara (POWERGRID) 400 kV D/c (Quad) line formed after LILO of both circuits of existing Bongaigaon (POWERGRID) – Balipara (POWERGRID) 400 kV D/c (Quad) line 	PFCCCL	RFP issued on 28.09.2024 and bid submission is scheduled on 03.12.2024.	December, 2024