

Transmission Lines connected through 400 KV S/Stns.

Sr. No.	Name of Work	Line Length(Ckm)	Progress of Transmission Lines			Estimated Target Date for completion	Remarks
			Stubs	Erect	S/Sag.		
1	LILO of 2nd ckt. of 400 kV S/S PGCIL Jalandhar-220 kV S/S Kotla Jangan (Nakodar) line at 220 kV S/S Kartarpur	1 km line length/0.4 sq inch ACSR (Zebra) conductor	4/4	4/4	.948/ .948	Jun-20	Line Charged on 09.06.2020
2	Replacement of conductor of 220 kV line from 400 kV S/Stn Ludhiana to 220 kV S/Stn Lalton Kalan (1st ckt) with HTLS conductor	1.932 Km Line Length with suitable HTLS conductor	-	-	-	Mar-21	Work order issued on 06.08.2020.
3	Replacement of conductor of 220 kV line from 400 kV S/Stn Ludhiana to 220 kV S/Stn Lalton Kalan (2nd ckt) with HTLS conductor	2.787 Km Line Length with suitable HTLS conductor	-	-	-	Mar-21	Work order issued on 06.08.2020.
4	LILO of one ckt. of 400 kV Jalandhar-Kurukshetra D/C line at 400 kV Dhanansu(Quad Moose)	LILO length =5 km(approx)	-	-	-	Jul-23	Tendering is in process
5	220 kV DC line from 400 kV Grid Dhanansu to 220 kV S/Stn. Kohara	12 km (approx.) Line Length / 420 sq mm DC ACSR Zebra	-	-	-	Jul-23	Survey Started
6	220 kV DC line from 400 kV Grid Dhanansu to 220 kV Doraha	10 km (approx.)/ 420 sq mm DC ACSR Zebra	-	-	-	Jul-23	Survey Started
7	220 kV DC line from 400 kV Grid Dhanansu to 220 kV Ikolaha	10 km (approx.)/ 420 sq mm DC ACSR Zebra	-	-	-	Jul-23	Survey Started
8	LILO of 220 kV S/Stn Mansa Sunam (SC) at 400 kV S/Stn Patran (220 kV bus).	40 km (approx.) Line Length / 1xDC with 420 sq mm ACSR (Zebra)	74/144	19/144	0/85.474	Nov-21	Work in progress
9	400 kV S/Stn Mukatsar - 220 kV S/Stn Fazilka 220 kV DC line	25 km Line Length / 520 sq mm ACSR (Moose)	-	-	-	-	Land under Acquirement
10	220 kV DC line from 400 kV Jalandhar (PGCIL) to 220 kV Kartarpur	Augmentation of existing conductor of both circuits with HTLS conductor of min 1200 A capacity	-	-	-	-	DPR Sent for PSDF Funding

11	400 KV PGCIL Jalandhar – 220 KV Beas (New) line.	DC on DC tower, line length= 33 Kms (approx) with 0.4 sq. inch conductor size	-	-	-	Not approved in MYT	-
12	400 KV Rajpura–220 KV Bassi Pathana DC Link.	SC on DC tower, line length= 24.267x2 =48.534 Kms (approx) with 0.4 sq. inch conductor size.	-	-	-	Jun-22	Route Plan under approval. Estimates being framed. Work to be carried out on Turnkey basis.
13	400 KV S/s Ropar New Grid (in the premises of GGSSTP)	Connectivity of 220 kV bus of 400 kV Ropar with existing 220 kV bus of GGSTP Ropar with 4 Nos. twin Moose ckts. (Approx. Length 1 km)	-	-	-	Jul-24	
		LILO of one ckt of 400 kV Ludhina PGCIL–Koldam at proposed 400 kV S/s Ropar, LILO Length = 15 km (approx.), Triple Conductor (Snowbird)	-	-	-	Jul-24	
		LILO of 2nd ckt of 400 kV Ludhina PGCIL–Koldam at proposed 400 kV S/s Ropar, LILO Length = 15 km (approx.), Triple Conductor (Snowbird)	-	-	-	Jul-24	
14	400 KV Dhanansu(already planned) its additional 400 kv link required	LILO of 2nd ckt of 400 kV Jalandhar–Kurukshetra D/c line at Dhanansu. (Quad Moose), LILO length = 5 km (approx.)	-	-	-	Jul-24	

400 KV S/Stn. Transmission Works

Sr. No.	Name of Project/Asset/Scheme	MVA Capacity	Construction Progress				Estimated Target Date for completion	Remarks
			Civil Works in % age	S.H.B.	Electrical Works in % age	S.H.B.		
1	400 KV S/S Mukatsar	1X500MVA, 400/220 KV T/F	100	100	100	100	Aug-19	Charged in August 2019
2	400 KV S/Stn. Makhhu	Addl 500MVA 400/220 KV T/F	-	-	-	-	Jul-21	Turn key Project
4	400 KV S/Stn at Village Dhanansu	2x315 MVA, 400/220 KV T/Fs	-	-	-	-	Jul-23	-----
5	400 KV S/Stn Nakodar (2x315 MVA, 400/220 KV)	Replacement of 1x315 MVA, 400/220 KV ICT with 1x500 MVA, 400/220 KV ICT	-	-	-	-	Jul-22	Execution Plan has been revised
6	220 KV S/Stn Beas (New) in the premises of Radha Soami Satsang Beas	2x100 MVA, 220/132 KV Auto T/f	-	-	-	-	Not approved in MYT	-----
7	400KV, 200MW Permanent Power to Guru Gobind Singh Polymer Addition Project- HPCL Mittal Energy Limited.	400 KV Switching Sub-Station	-	-	-	-	Mar-20	Turn key Project Work in Progress
		Creation of Proposed 400KV Sub-Station Malkana with 2x500MVA, 400/220KV ICTs for PSTCL	-	-	-	-	Not approved in MYT	-----
		1x500MVA, 400/220KV ICT (for future)	-	-	-	-	Not approved in MYT	-----
8	400 KV S/s Ropar New Grid (in the premises of GGSSTP)	Establishment of 400 KV AIS station along with auxiliary, control room building, Gantry structure, extension provision etc.	-	-	-	-	Jul-24	Land enmarking is in process
		400 KV S/s with 2x500 MVA, 400/220 KV ICTS	-	-	-	-	Jul-24	
9	400 KV Rajpura	Addl 500MVA 400/220 KV T/F	-	-	-	-	Dec-21	-----