

Approved Capitalization for Generation Business (Scheme-wise)

Table No. 1 Capitalization approved by the Commission for Spillover Schemes of GGSSTP (Rs. Crore)

S. No.	Particulars	FY 2023-24	FY 2024-25	FY 2025-26	Total(MYT)
1	Feasibility Study, Installation & Commissioning of Dry Sorbent Injection Type of Flue Gas Desulphurisation (FGD) on Units 3,4 5 & 6 of GGSSTP, Rupnagar	0	200.1	0	200.1
Total		0	200.1	0	200.1

Table No. 2 Capitalization approved by the Commission for New Schemes of GGSSTP (Rs. Crore)

S. No.	Particulars	FY 2023-24	FY 2024-25	FY 2025-26	Total(MYT)
1	Replacement of obsolete conronic-3 (ABB) make of Unit 3 with symphony melody system (ABB make which was earlier installed in Stage-1)	7.09	0	0	7.09
2	Erection, Commissioning & Upgradation of M/S Emerson make obsolete Q-Line Input-output modules for ovation control system of Unit 5 or 6 of GGSSTP, Ropar	10.57	0	0	10.57
3	Upgradation/Migration for replacement of obsolete pro-control P13/42 system of ATRS FSSS, HPBP, STC, APRDS system of either of Unit 5 or 6 of GGSSTP, Ropar	66.67	0	0	66.67
4	Replacement of 15 Nos 48/24V Float Cum Boost Chargers of M/S AFCCO make along with SCR Controller Cards fuse fail detector & annunciation system of Stage 2 & 3 of GGSSTP, Ropar	1.54	0	0	1.54
5	Upgradation/Replacement of T & P Items of EMC Circle of GGSSTP, Ropar	0.14	0	0	0.14
6	Upgradation/replacement of T & P for IMC Circle of GGSTP, Ropar	0.05	0	0	0.05
7	Upgradation/Replacement of old Photocopier Machines of GGSSTP, Ropar	0.02	0	0	0.02
8	Installation & Commissioning of Security Cameras along with Cables, LED Monitors at Nuhon Colony & Main Plant of GGSSTP, Ropar	0.2	0	0	0.2

9	Replacement of overhead feeder from Cola Handling Plant Stage-2 to Nuhon Colony with underground Cable at GGSSTP, Ropar	1.73	0	0	1.73
10	Retrofitting of 112 Nos 1250 & 2000 A Jyoti Make Vacuum Type Breakers to replace MOCB in stage 2 & 3 of GGSSTP, Ropar	8	0	0	8
Total		96.01	0	0	96.01

**Table No.3 Capitalization approved by the Commission for Spill-over Schemes
GHTP, Lehra Mohabat (Rs Crore)**

S. No.	Particulars	FY 2023-24	FY 2024-25	FY 2025-26	Total(MYT)
1	Lehra Mohabbat G.H.T.P 920 MW DSI Based F.G.D System installation project	0	181.16	-	181.16
2	Pending payments of BHEL against GHTP stage-II	4.00	3.00	3.00	10.00
3	Payment for LAC due to court cases at GHTP Lehra Mohabat	1.00	1.00	1.00	3.00
Total		5	185.16	4	194.16

**Table No. 4 Capitalization approved by the Commission for New Schemes of
GHTP, Lehra Mohabat (Rs Crores)**

S. No.	Particulars	FY 2023-24	FY 2024-25	FY 2025-26	Total(MYT)
1	Replacement of 2X60 KVA UPS system of Unit No. 1, GHTP, Lehra Mohabbat	0.96	0	35.61	36.57
Total		0.96	0	35.61	36.57

**Table No. 5 Capitalization approved by the Commission for Spillover Schemes- ASHP
(Rs. Crore)**

S. No	Particulars	FY 2023-24	FY 2024-25	FY 2025-26	Total(MYT)
1	Procurement of 30 No. (18 No MYT 2017-20, 12 No MYT 2020-23) Stator Air Cooler for ASHP.	2.40	0	0	2.40
2	Provision of 1 No. 200KVA capacity DG set (Silent type) for Ganguwal Powerhouse Including Room.	0.28	0	0	0.28
3	Procurement of 1 No. Spare 20BHP Slip-ring induction Motor for Gantry crane	0.04	0	0	0.04
4	Renewal & Replacement (R&R) of two 220V DC battery charger/set for Ganguwal& Nakkian power Houses.	0	0.17	0	0.17
5	Procurement of 2 No. Jeeps, one No. for power Houses maintenance purpose and one No. for Resident Engineer as Staff Jeep.	0	0	0.22	0.22
6	Procurement of one No. staff car for DY CE/Generation Circle ASHP Anandpur Sahib.	0.13	0	0	0.13
7	Replacement of existing illumination System at Ganguwal Powerhouse and residential Colonies with LED lights at ASHP	0.27	0	0	0.27
8	Capital overhauling of Electric Overhead Traveling (EOT) crane at PH-1,&2 of ASHP	0.55	0	0	0.55
9	Replacement of existing 24 no. thrust bearing oil coolers along with accessories of Ganguwal & Nakkian Powerhouse.	0.60	0	0	0.60
10	Replacement of existing 24 no. Upper Guide Bearing oil coolers along with accessories of Ganguwal & Nakkian Powerhouse.	0.20	0	0	0.20
11	Replacement of existing 24 no. Lower Guide Bearing oil coolers along with accessories of Ganguwal & Nakkian Powerhouse	0.20	0	0	0.20
12	Renewal and Modernization (R&M) work of BHEL make generating units (two) 33.5MW Hydro for Anandpur Sahib Hydel Project	10	50	50	110.00
13	Procurement of Two No. Transformer oil filtration sets (one for each power house i.e. Ganguwal & Nakkian) of 3000ltr./hr capacity.	0.70	0	0	0.70
14	Procurement of one No. Transformer oil BDV Testing set for Anandpur Sahib Hydel Project (0-100kv Range.)	0.15	0	0	0.15
15	Design, manufacturing, testing, supply & commissioning of upgraded control & protection SCADA (supervisory control and data acquisition) system for replacement and renewal of existing old, outdated and obsolete Electro-Mechanical Control and protection system of Ganguwal 2x33.5 MW and Nakkian 2x33.5 MW Power Houses at ASHP, Shri Anandpur Sahib	1.64	8.22	8.22	18.08

16	Supply, erection, testing and commissioning (renewal & replacement of Micro Processor based Digital excitation system including Digital AVR system in place of existing shaft mounted exciter of all the 4 unit (Unit No-I & II &Ganguwal Powerhouse & Unit No. III & IV at Nakkian Powerhouse of ASHP.	0.42	2.04	2.04	4.50
17	Supply, erection, testing and commissioning of Micro Processor based Digital Governor system for replacement of existing electromechanical Governor of all the 4 units (Unit No-I & II &Ganguwal Powerhouse & Unit No. III & IV at Nakkian Powerhouse of Anandpur Sahib Hydel Project.	0.46	2.27	2.27	5.00
18	Replacement of 4 NO. oil coolers along with accessories for GT 11/132 KV 40 MVA of Ganguwal & Nakkian Powerhouse.	0.24	0	0	0.24
19	Replacement of 4 No. Dewatering pump sets with suitable new pumps at Powerhouse No. 2 Nakkian.	0.30	0	0	0.30
20	Replacement of existing two no AUTOMATIC CARBON-DIOXIDE FIRE Extinguishing system with latest technology automatic fire extinguishing system of Ganguwal & Nakkian Power Houses.	0.03	0.13	0.13	0.29
21	Replacement of existing illumination System at Nakkian Powerhouse with LED lights.	0.08	0	0	0.08
22	Replacement of old split Air Conditioning Units of Ganguwal & Nakkian Power Houses with new Split A/Cs.	0.08	0	0	0.08
Total		18.77	62.83	62.89	144.49

**Table No. 6 Capitalization approved by the Commission for New Schemes of ASHP
(Rs. Crore)**

Sr. No	Particulars	FY 2023-24	FY 2024-25	FY 2025-26	Total (MYT)
1	Capital Overhauling of 3.nos, 40MVA Generator transformer of ASHP. (1.no at Ganguwal Power House and 2nos at Nakkian Power House)	0.3	0.3	0.3	0.9
2	Supply, erection, testing and commissioning of new Independent 11Kv feeder from 132kv substation Nakkian to PH2 Nakkian.	0.25	0	0	0.25
3	Shifting of existing 11kv Lamlehri feeder of PH-1, Ganguwal to a more technically feasible route for better efficiency and reliability.	0	0.15	0	0.15
4	PCC flooring, lying of new gravel, repair of cable trenches & trench covers in switchyards & Transformer Yard at PH-1 and PH-2, repair work of fencing and lighting work along fencing of switchyard at PH-1 & PH-2 of ASHP.	0.45	0.45	0	0.9
5	Laying of premix bitumen carpet & upgradation of roads at Power Colony ASHP.	0.1	0.1	0	0.2
6	Laying of premix bitumen carpet & upgradation of roads at Powerhouse No 2 Nakkian ASHP.	0.1	0.1	0	0.2
7	Capital Maintenance of One unit of ASHP.	0	2.1	0	2.1
8	Renewal and Modernization (R&M) work of BHEL make generating units (two) 33.5MW Hydro for Anandpur Sahib Hydel Project	10	50	50	110
9	Upgradation of 5 no. field hostel rooms to VIP guest house level rooms at field hostel ASHP.	0.12	0	0	0.12
10	Replacement Of Old defective Room Coolers Field Hostel.	0	0.02	0	0.02
11	Renovation of Circle Office Building.	0	0	0.25	0.25
12	Design Manufacturing supply & commissioning of 63 KVA silent Diesel Generator for VIP Guest House ASHP.	0	0.1	0	0.1
13	Strengthening of Anandpur Sahib Hydel Channel by replacing damaged slabs of lined section from RD 0 to 33820 m.	0.3	0	0	0.3
14	Restoration of surface drains on the both sides of Anandpur Sahib Hydel Channel	0.5	0	0	0.5
15	Restoration of concrete blocks at the bed downstream of Nangal Head Regulator of AHC to prevent bed erosion	0.28	0	0	0.28

16	Removal of debris from the bed of AHC	0.25	0	0	0.25
17	Automation of Nangal Head Regulator Gates.	0.6	0	0	0.6
Total		13.25	53.32	50.55	117.12

**Table No. 7 Capitalization approved by the Commission for Spill-over for MHP Stage-I
(Rs. Crore)**

Sr. No	Particulars	FY 2023-24	FY 2024-25	FY 2025-26	Total(MYT)
1	Capital overhauling along-with replacement of stator core & stator coils and strengthening of Rotor poles with class F insulation of Machine No. 2, 5, 9 & 10.	34.98	0	0	34.98
2	Replacement of existing 5 nos. 20 MVA 11/132 KV Generator Transformers at MPH-1&2.	9.23	0	6.1	15.33
3	Providing Toilets at all the Bye-Pass gates of all Power Houses of MHP.	0.25	0	0	0.25
4	Supply of new TGB shell for 15MW machine no. 4 at MPH-2.	0.13	0	0	0.13
5	Replacement of existing conventional central AC Plants at PH-1 & 3 of MHP	0.66	0	0	0.66
6	Replacement of 3 nos. existing 25MVA GTs of M/c No.8,10&11 of MHP.	21.55	0	0	21.55
	Total	66.81	0	6.1	72.91

Table No. 8 Capitalization approved by the Commission for New Schemes for MHP Stage I - (Rs. Crore)

Sr. No	Particulars	FY 2023-24	FY 2024-25	FY 2025-26	Total(MYT)
1	Study of available input energy, RLA Studies, feasibility studies for uprating of Machines and thereof carry out the Renovation, Modernization and Uprating (RMU) of Machines at Mukerian Hydel Project Stage-I (PH-1 to PH-4), PSPCL, Talwara.	0	0	50.00	50.00
2	Replacement of existing 3 nos. 630 KVA, 11KV/415 Volts UATs at PH-2 of MHP	0	0.6	0	0.6
3	Replacement of existing C&R Panels consisting of old vintage convention type electromechanical relays, DPRs, O/Cs & Directional E/F Relays, Transformer Differential / Restricted E/F Relays with new C&R Panels consisting of Numerical type Protection relays, annunciation system and disturbance recorder with GPS time synchronization facility for various Incoming/outgoing/ interlinking feeders of 132 KV & 66KV Circuits, Bus Coupler Panels, Bus Bar Protection System, C&R Panels on both HV & LV of Power Transformer at MHP Stage-I including replacement of various Control and Protection System cable and to establishing a Centralized Disturbance Cum Event Recorder time synchronized with GPS Clock at each Power House at MHP Stage -I	0	0	14.00	14.00
4	Procurement of 3 sets of Trash Racks for Intake bays at MPH-2.	0	0.9	0	0.9
5	Replacement of existing Unit and Service Air Compressors at MPH-1,2,3&4.	0	0	0.5	0.5
6	Replacement of existing LT Scheme/panels at PH-1,2,3&4.	0	0	2.5	2.5
7	Laying 1:4:8 PCC in the Switchyard of PH-1,2,3&4	0	2.5	0	2.5
8	Replacement of existing one no. Vertical turbine Dewatering pump and one no. drainage pump with submersible pump at each PH-1,2,3&4 of MHP	0	0	1.00	1.00
9	Replacement of existing 8/4/4MVA, 132/33/11kV Transformer with alternate scheme for providing 11KV external supply at Power Houses of MHP, Talwara.	0	0	1.25	1.25
10	Replacement of existing 11 KV XLPE cables (size 1X500 mm ² and size 1X800 mm ²) from Generator Bus duct to LV side of Generator Transformers of all the 12 nos. units at MPH-1,2,3&4 of MHP.	0	0	2.00	2.00
11	Purchase of Testing Instruments for Centralized Protection Cell, Talwara and Power Houses of MHP, Talwara	0	2.07	0	2.07
	Total	0.00	6.07	71.25	77.32

**Table No. 09. Capitalization approved by the Commission for New Schemes for MHP Stage II
(Rs. Crore)**

S. No.	Particulars	FY 2023-24	FY 2024-25	FY 2025-26	Total(MYT)
1	Installing CCTVs at PH-5, MHP Stage-II	0	0.10	0	0.10
	Total	0	0.10	0	0.10

**Table No. 10 Capitalization approved by the Commission for Spillover Schemes for RSD
(Rs. Crore)**

S. No	Particulars	FY 2023-24	FY 2024-25	FY 2025-26	Total (MYT)
1	Overhauling of 1 no. 62.5 MVA GT out of 3 nos GTs proposed in FY 2020-21	0.47	0	0	0.47
2	R&M of existing old Auto sequencers & AVR with Unit control System compatible to SCADA application including R&M of Bus-Bar Protection scheme proposed in FY 2020-21	23.9	0	0	23.9
3	Providing detachable scaffolding set for power plant maintenance.	0.12	0	0	0.12
4	Replacement of drainage pumps of service bay side-2 nos	0.51	0	0	0.51
5.	Up-gradation of 5 no. HP compressors of condenser mode operation and for machines	0.2	0	0	0.2
6	Replacement of one oil filtration set for servo prime-57 oil (Make: Alfa Laval)	0.67	0	0	0.67
7	Submersible pump with other accessories in place of portable pump	0.27	0	0	0.27
8	Procurement of transformer oil filtration set 6000 LPH	0.49	0	0	0.49
9	Procurement of spares for capital overhauling of 220KV circuit breaker of seven feeders.	0.64	0	0	0.64
10	Const. of Porches over all entry points of PowerHouse Building.	0.14	0	0	0.14
11	R&M of CO2 system	0.71	0	0	0.71
12	Design, Manufacturing, Testing, Supply and supervision of erection, testing, commissioning, of 1 no. 62.5MVA 13.8/220/3 KV Single Phase GT for replacement of damaged Single phase 13.8 KV/220/3KV 62.5MVA GT Sr. No 6800000148 Make: NGEF.	7.03	0	0	7.03
13	Replacement of LP Compressors Make: ELGI working Pressure: 7 kg/cm2	0.13	0	0	0.13
14	Supply, Installation and commissioning of 2nos. Float cum boost charger of 24V Battery Bank for RSD Powerhouse Shahpurkandi.	0.32	0	0	0.32
15	Overhauling of 1 no. 62.5 MVA GT out of 3 nos GTs	0	0.53	0	0.53
16	Overhauling of 1 no. 62.5 MVA GT out of 3 nos GTs.	0	0	0.08	0.08
17	R&M of existing local exchange for strengthening of communication system proposed in FY 2021-22	0	0	0.02	0.02
	Total	35.6	0.53	0.10	36.23

**Table No. 11 Capitalization approved by the Commission for New- Schemes for RSD
(Rs. Crore)**

S. No.	Particulars	FY 2023-24	FY 2024-25	FY 2025-26	Total(MYT)
1	CCTV camera and biometric installation at RSD Power Plant Shahpurkandi	0.17	0	0	0.17
2	Replacement of shaft current relays of Unit no.1,3	0.41	0	0	0.41
3	Replacement of 9 nos 11KV VCBs & Panels (2 nos Incomers, 6 nos Outgoing & 1 no. Bus Coupler)	0.47	0	0	0.47
4	Procurement of T&P and safety kits (foldable ladder for Switchyard, portable air compressor, earth tester, mutimeters, clamp on meter, DC resistance meter, safety belts,helmets, earth sticks etc)	0.20	0	0	0.20
5	Replacement of all 16 nos. Brake & jack of unit no. 4	0.19	0	0	0.19
6	Replacement of PP Sets oil pumps of Unit no.1 (Make: Tushako) (4 no. pumps of Governor and MIV)	0.63	0	0	0.63
7	Replacement of 3rd VT dewatering pump into submersible pump	0.31	0	0	0.31
8	Extension of Rail Track at Powerhouse	0.13	0	0	0.13
9	New set of 8 no. HP Compressors with accessories for condenser mode operation including civil works	0.62	0	0	0.62
10	Replacement of 18 no. LT breakers of SSBs and UABs	0	0.39	0	0.39
11	Replacement of relay panels of 7 nos 220KV Feeders (replacement of relays other than DPRs) with SCADA provision	0	0.65	0	0.65
12	Replacement of PP set oil pumps of Unit no.3 & 4 (Make: Tushako) (8 no. pumps of Governor and MIV)	0	0	1.56	1.56
13	Replacement of special valves eg. Air suction valves, Aeration valve, Air valves of 2 no. machines (unit no. 3 & 4).	0	0	1.69	1.69
	Total	3.13	1.04	3.25	7.42

**Table No. 12 Capitalization approved by the Commission for Spillover schemes for Shanan
(Rs. Crore)**

S. No.	Particulars	FY 2023-24	FY 2024-25	FY 2025-26	Total(MYT)
1	Providing CCTV cameras at Shanan PH	1.31	0	0	1.31
2	Replacement/ Retrofitting of 66, 132 KV isolators & L.E with new ones at 132 KV Substation	0	0	0	0.00
3	Replacement of insulation of existing spare field coils of rotor of 50 MW machine with 'F' class.	0.48	0	0	0.48

4	Procurement of 1 No fully forged Runner for 50 MW M/c	0	0	0	0.00
5	Replacement of existing DC motors & rotary gear pumps with new DC motors & triple screw pumps for bearings of 4x15 M.W machines.	0	0	0	0.00
6	Procurement of 132, 66 & 11 KV CTs/PTs & Erection.	0.01	0.1	0.02	0.13
7	Procurement of hydraulic torque wrench for opening nuts of 15 & 50 MW machine's runners.	0	0	0	0.00
8	Providing electrical drives for operation of existing five no. manual decantation chamber drain valves (non-rising spindle type, hand operated) at Barot.	0	0	0	0.00
9	Replacement of 4X15 MW machines excitation system.	0	0	0	0.00
10	Procurement of 02 Nos. runner for 15 MW machines along with HVOF coating	7	0	0	7
11	Replacement of Old Neutral Breakers of 4x15 MW Machines with new Neutral Grounding Transformers	0	0	0	0.00
12	Replacement of old 11KV/440V LT panels incoming and outgoing feeders at 11 KV Switch House.	0.54	0	0	0.54
13	Replacement of G-40 Governor with new OPU	5.97	0	0	5.97
14	Replacement of old Spherical valve along with its servomotor of 1x50 MW machine with new one.	0	0	0	0.00
15	Modernization and renovation of 50 MW cooling system	2.17	0	0	2.17
16	Providing new over speed trip protection devices of all machines	0.17	0	0	0.17
17	Renovation and modernization of firefighting system of powerhouse.	0.54	0	0	0.54
18	Replacement of needle control device, deflector shafts of Shanan machines	1.21	0	0	1.21
19	Procurement of spare sets of bearing pads for 4x15 MW machines	0.36	0	0	0.36
20	Construction of toilet (Male, Female) at Shanan powerhouse, PSPCL, Joginder Nagar.	0.05	0	0	0.05
21	Renovation of watercooling bus of 4x15 MW machines	5.79	0	0	5.79
22	Replacement of existing relay and annunciation panels in control room.	0	0	0	0.00
23	Replacement of B- class insulation of stator winding of 1x50 MW m/c with F- class	3.02	0	0	3.02
24	Replacement of all LT panels of auxiliary equipments of all machines	0.3	0	0	0.3
25	Replacement of existing spherical valves along with Hydraulic Control Unit of spherical valve of 4x15 MW machine	0	0	0	0.00
26	Replacement of underwater parts of all machines	58.18	0	0	58.18
27	Concreting of Sub Station at Shanan Powerhouse Joginder Nagar	0	0	0	0.00
28	Replacement of all air compressors with new ones.	0.36	0	0	0.36

29	Replacement of stator air coolers, TGB, LGB, UGB and thrust bearing oil coolers of 1x50 MW machine with new ones	1.81	0	0	1.81
30	Renovation and modernization of House Generator Set	2.41	0	0	2.41
31	Procurement of spare slip ring assemblies for 4x15 MW and 1x50 MW machines	0.6	0	0	0.6
32	Procurement of spare labyrinth rings for 1x50 MW assemblies	0.6	0	0	0.6
33	Procurement of spare sets of needles & nozzles for all machines.	0	0	0	0.00
34	Procurement of 1No. New Hydraulic Butterfly Valve (PPV) along with Erection, Testing & Commissioning for 50MW Unit of Shanan Powerhouse, PSPCL Joginder Nagar.	6.04	0	0	6.04
35	01 No. new unit Auxiliary Transformer & other allied equipments for uninterrupted AC Auxiliary supply for 50 MW machine.	0	0	0	0.00
36	Capital maintenance of machine no. 3	0	0	0	0.00
37	Capital maintenance of machine no. 5	0	0	0	0.00
38	Replacement of Control Annunciation & Protection relay panels of "Generating unit No. # 1,2,3,4 & 5", "Transformer Bank-1", "Transformer Bank-2", "132/66 KV 3 No. 6 MVA Transformer", "132 KV Kangra-1 Feeder", "132 KV Kangra-2 Feeder", "132 KV Bassi-1 Feeder", "132 KV Bassi-2 Feeder", "132 KV B/C Feeder", "Station Transformer-1", "Station Transformer-2", "132 KV Bus Bar Protection System", "66 KV Mandi Feeder", "33 KV Feeder" including Control & Protection Systems Cables of above, Setting up Disturbance records & GPS clocks for time synchronization of above systems. (Clubbed with A24).	0	0	0	0.00
Total		98.92	0.1	0.02	99.04

Table No. 13 Capitalization approved by the Commission for New Schemes for Shanan (Rs. Crore)

S. No.	Particulars	FY 2023-24	FY 2024-25	FY 2025-26	Total (MYT)
1	Procurement of Audible warning siren systems with pre recorded voice message 70 decibel at 1.6 KM.	4.5	0	0	4.5
2	Procurement of Silt measurement device in running water of UHL River.	0.55	0	0	0.55
3	Setting up of control room with upgraded facilities, Room for EWS & DG Set.	1.00	0	0	1.00
4	Procurement of G&D (Gauge and Discharge) velocity sensor (Flow/Level).	0.5	0	0	0.5

5	Construction of PCC floor on portion in between retaining wall and edge of old reservoir to control the seepage of retaining structures along the bank of old reservoir.	0.5	0	0	0.5
6	Replacement of existing bus bar with shrouded bus bar along with its remote operation of 200/50 Ton and 60/20 of 50 MW of EOT crane.	1.05	0	0	1.05
7	Capital maintenance of machine no. 1	2.00	0	0	2.00
8	Capital maintenance of machine no. 2	2.00	0	0	2.00
9	Capital maintenance of machine no. 4	2.00	0	0	2.00
10	Construction of new Tail Race from 50 MW old Tail Race to Neri-Nala for stability of system.	0.4	0	0	0.4
11	82.5 KV DG Set for HWE, Barot office, EWS supply in case of emergency along with room, foundation and cables.	0.2	0	0	0.2
12	Replacement of existing 01 no., 11/33 KV, 5MVA, three phase, power transformer of Shanan- Gwali circuit.	0.6	0	0	0.6
13	Procurement of 1No. New Hydraulic Butterfly Valve (PPV) along with Erection, Testing & Commissioning for Penstock No.2 feeding to machine no. 3&4 Shanan Power House, PSPCL Joginder Nagar.	0	11.91	0	11.91
14	Installation of toughened glass glazing in 50 MW Power House building.	0	0.55	0	0.55
15	Rehabilitation of 11 KV line Barot-1 feeder from Winch Camp to Head Gear. (Approx. distance 3.2 KM)	0	0.5	0	0.5
16	Replacement of existing 04 no., 132/ 66KV, 6MVA, single phase, power transformers of Shanan -Mandi circuit	0	4.5	0	4.5
17	Providing and fixing of CGI Sheets for roofs of residential & non- residential buildings.	0	0	2.5	2.5
18	Replacement of XLEP Cables of all machines and Transformers.	0	0	1.5	1.5
19	125 KV DG set for Shanan Colony and office supply in case of emergency along with room, foundation & cables.	0	0	0.35	0.35
20	Work for changing water supply line system along with water filter system for residential and nonresidential building at Shanan Powerhouse.	0	0	0.7	0.7
Total		15.3	17.46	5.05	37.81

**Table No. 14 Capitalisation approved by the Commission for Spillover Schemes for UBDC
(Rs. Crore)**

S. No.	Particulars	FY 2023-24	FY 2024-25	FY 2025-26	Total(MYT)
1	Spare Generator Transformers 20 MVA 11/132 KV for UBDC Project.	3.22	0	0	3.22
2	R & M of C&R panels of 132 KV O/G feeders at UBDC Power House No.3 Stage I	1.96	0	0	1.96
3	Essential spares (AVR controller, DC breaker, firing circuit, thyristor etc.) for Stage I Digital Excitation And AVR System Make BHEL	1.3	0	0	1.3
4	Renovation and modernization of Protection and measurement system by replacing Electromagnetic relays and instruments with numerical relays and digital instruments of UBDC stage II Power houses.	2.33	0	0	2.33
5	R&M of Electrical overhead cranes & all the mechanical auxiliaries including Intake, Draft, Bye pass gates etc.	1.5	0	0	1.5
Total		10.31	0	0	10.31

**Table No. 15 Capitalisation approved by the Commission for New Schemes for UBDC
(Rs. Crore)**

S. No.	Particulars	FY 2023-24	FY 2024-25	FY 2025-26	Total(MYT)
1	Replacement of Carbon Dioxide Flooding based Emulsifier system for fire protection of Generator Stator of Stage 1 & 2 of UBDC Power Houses No. 1, 2, 3.	1.84	0	0	1.84
2	Strengthening of hydel channel by re-storing eroded inner side slopes, eroded outer section of filling reaches, damaged slabs in lined section, surface drains on both banks of hydel channel & de-silting of hydel channel.	0	0	1.5	1.5
3	Laying of premix bitumen carpet at roads of UBDC Project.	0.5	0	0	0.5
4	Fixing the leakage from the spirals of PH 1,2 & 3 and renovation of Toilets of the machine hall and control rooms	0.5	0	0	0.5
5	Replacement and rerouting of 11KV Auxiliary supply Feeder from 132 KV Interlinking substation Sarna to Powerhouse No.2	0.38	0	0	0.38
6	RLA and RMU Study of UBDC Stage II Power Houses and preparation of DPR, Technical Specs and commercial Specs for the recommended replacements	0	1.71	0	1.71
7	Renovation, Modernization and Up rating of underwater parts and associated equipment's UBDC Powerhouse No.1 Stage I 15 MW Unit as per RLA and RMU study	0	0	31.93	31.93
8	Renovation, Modernization and Up rating of underwater parts and associated equipments UBDC Powerhouse No.3 Stage I 15 MW Unit as per RLA and RMU study	0	0	3	3
9	Up gradation of Obsolete microprocessor and procurement of essential spares (Input/output module, transducers, controlling valves) of Digital governing system for Stage I Make Andritz	0	0	2	2
Total		3.22	1.71	38.43	43.36