

किरू जलविद्युत परियोजना (624MW)/ Kiru Hydro Electric Project (624 MW) - दैनिक प्रगति रिपोर्ट/ Daily Progress Report as on 07/07/2023 (Day and Night Shift)

Physical progress of works																							
1	2	3	4	5	6	7		9	10	11	12	13	14	15	16								
						As per Integrated Schedule										Progress (up to last month)	Monthly progress		Days progress		Cumulative progress	Balance Qty.	Remarks
						Date of start	Date of Completion										Target	Achieved	Target	Achieved			
DIVERSION TUNNEL (DT)																							
40	DT- Inlet structure Concreting.	cum	6500 (El. 1430m)	09.06.21	In progress	25.11.21	27.03.22	6295	205	0	30	-	6295	205	DT Inlet Structure: Work resumed at DT Inlet Structure. *Concrete lift completed upto EL 1426.5m. *Reinforcement is in progress from EL 1426.50m to EL 1428.50m.								
45	Construction of coffer dam (U/S and D/s).	cum	75000	02.11.22	23.05.23	-	-	56643	29612	-	-	-	56643	18357	*Upstream Coffor Dam upto EL 1420.67m completed . * Total 31 nos holes drilled out off 44 nos. holes. * TAM grouting completed in 31 nos of holes out of 44 nos.								
DAM WORKS																							
47	Dam - Excavation - Stripping of Dam Abutments	cum	45000	17.10. 20	In progress	27.10.20	28.02.22	43000	-	-	-	-	43000	2000	Dam Stripping: LB Stripping from EL.± 1475m to EL.± 1440m achieved. RB Stripping from EL.± 1470m to EL ± 1405.5m achieved. *Note: Rock Support above Dam Top Road: No work.								
48	Dam excavation below River bed	cum	230000	01.02.22	03.03.23	07.01.22	10.04.22	227913	-	-	-	-	227913	0	*River bed excavation restarted on 31.10.2022. Dam river bed excavation completed on 03.03.2023. Final dam excavation quantity comes to 227913cum. * 90000 cum is the tentative qty assumed to be removed after monsoon.								
50	Dam Concreting- In river bed upto top of construction sluice	cum	209000	05.05.22	In progress	25.04.22	24.12.22	99169	-	-	-	-	99169	109831	* Dam Concreting resumed on 16.12.2022. * S-2 Block: No work. Concrete level is EL 1400.25m. * Consolidation Grouting: Total Holes: 24 no's; Total Holes Grouted: 24no's. * S-3 Block: No work. Concrete level is EL 1391.50m. * Consolidation Grouting: Total Holes drilled: 38 no's; Total Holes Grouted: 60 no's. * S-4 Block: No work. Concrete level is EL 1398m. * Consolidation Grouting completed: Total holes drilled: 58 no's; Total Holes Grouted: 58 no's. * S-5 Block: No work. Present concrete level is EL1398.5(u/s) and EL 1405.50m (d/s). Note: Dam concreting has been stopped with effect from 19.06.2023 due to overtopping of Coffor dam because of high discharge in Chenab river.								
61	Power Intake- Excavation	cum	56000	17.06.22	In progress	27.03.22	27.12.22	26530	10000	1200	350	200	27730	28270	*Consolidation Grouting: *Consolidation Grouting is in progress at EL 1504m and EL 1501m in between Intake 3 and Intake 4. *Total Primary Grouted Cable tendon=09 nos. Padding of cable tendon = 09 nos. *Total 12 nos holes drilled out of 24 nos. Redrilling of holes is in progress (04 nos completed). *Installation of rock bolts is in progress. 08 nos of rockbolts installed.								
	Construction of 70 R Steel Truss Bridge														* Reinforcement of 2nd lift in left abutment is in progress. * Right abutment - No work.								
POWER HOUSE EXCAVATION																							
115	PH-Benching upto MAT Top Level i.e. EL 1401.1m	cum	28400	09.03.22	08.02.23	15.01.22	18.03.22	28400	-	-	-	-	28400	0									
116	PH-Benching upto MAT Level i.e. EL 1390m	cum	54000	20.07.22	26.04.23	18.03.22	19.05.22	54000	0	0	0	0	54000	0	* Mucking is in progress. *15 cum shotcrete done in between RD 110m to 130m on u/s wall. *05 nos of rockbolts installed in between RD 141m to RD 138m.								
117	PH-Benching upto Generator Floor Level i.e. EL 1385.70m	cum	18400	26.02.23	In progress	19.05.22	20.07.22	17000	1400	0	250	-	17000	1400	*Blast taken for benching towards service bay. *Fixing of rail line for temporary EOT from RD 152m towards RD 0 on u/s wall at El 1405.55m *Upstream side benching quantity = 10000cum. *(Ramp + Downstream side benching)=8400 cum								
118	PH-Benching upto MIV Floor Level i.e. EL 1370.3m *[1st phase - benching in b/w EL 1385m to EL 1378m]	cum	13250	12.06.23	In progress	20.07.22	21.09.22	6450	6800	2500	575	400	8950	4300	*Preparation of ramp from EL 1385 to EL 1380m is in progress. *Blast taken for benching on u/s side and for maintaining the bench level. *Partial excavation is being carried out as the downstream side is kept for bus duct excavation and ramp. *Blast taken for removal of undercut fromwalls in between RD 170m to RD 182m from end wall.								

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1	2	3	4	5	6	7		8	9	10	11	12	13	14	15	16
Activity Code	Area of Activity	Unit	Total Qty.	Actual date of start	Actual date of Completion	As per Integrated Schedule		Progress (up to last month)	Monthly progress		Days progress		Cumulative progress	Balance Qty.	Remarks	
						Date of start	Date of Completion		Target	Achieved	Target	Achieved				
TRANSFORMER CAVERN																
124	TC-Crown Widening	m	137	06.09.21	08.05.22	30.10.21	28.06.22	137	-	-				137	0	Crown widening completed on 08.05.22
125	TC- Benching upto MAT level	cum	36000	02.06.22	12.05.23	28.06.22	31.10.22	36000	-	-	-	-		36000	0	* TC benching has been completed up-to EL 1402.5m. TC Benching completed on 12.05.2023. *Cleaning is in progress. *14 nos of rockbolts installed on downstream wall at RD 44m to 39m.
126	TC- Bus Duct No 1	m	55	17.06.23	In progress	20.07.22	20.10.22	19	12	0	1	0	19	36	* Shuttering work in progress in between RD 50m to RD 55m from PH side * No work from PH side.	
	TC- Bus Duct No 2	m	55	31.05.23	In Progress			33	30	0	1.25	0	33	22	*Shuttering work in progress in between RD 0m to RD 5m from PH side * No work from TC side.	
	TC- Bus Duct No 3	m	55		In Progress			17	30	6	1.25	1	23	32	*Shuttering work in between RD 50m to 55m from TC side. *Drilling and blast taken for excavation of inclined portion from PH side.	
	TC- Bus Duct No 4	m	55	22.11.22	In Progress			22	30	1	1.25	1	23	32	* Mucking in progress. No work from TC Side.	
131	TC- Excavation of Draft Tube Gate Shaft #4	m	27.7	15.06.23	In Progress	30.4.23	29.10.23	0.5	15	2.6	0.5	0.3	3.1	24.6	* Mucking in progress.	
104	MAT To Transformer Cavern	m	75	26.07.22	27.02.23	28.06.22	28.08.22	75	-	-	-		75	0		
PRESSURE SHAFTS																
75	Inclined PS 1- Widening/Slashing	m	125	15.12.22	In progress	02.07.22	01.10.22	63.5	35	2	1.25	0.5	65.5	59.5	*Mucking is in progress.	
81	Inclined PS 2-Widening/Slashing	m	125	26.03.23	In progress	22.11.22	21.02.23	40	35	5	1.25	1.5	45	80	*Mucking is in progress.	
87	Inclined PS 3- Widening/Slashing	m	125	20.03.23	In progress	05.04.22	01.08.22	46.3	35	6	1.25	1	52.3	72.7	* Mucking in progress.	
94	Inclined PS 4- Widening/Slashing	m	125	01.02.23	In progress	22.12.22	23.03.23	75.3	35	4.5	1.25	1	79.8	45.2	* Mucking is in progress.	
168	Excavation of lower grouting cum drainage galleries in PH at EL 1392m	m	250.5	17.01.23	In progress	14.11.22	13.06.23	156	40	6	1.5	0	162	88.5	*Mucking is in progress.	
	Excavation of upper drainage cum grouting gallery in PH at EL 1408m	m	250	21.02.23	In progress	14.11.22	13.06.23	30	40	0	1.5	0	30	220	* No work	
174	Excavation of TRT 1	m	97	24.05.23	In progress	08.03.22	22.05.22	34	50	4	2	2	38	59	* Upstream length=66m * Downstream length=30m * D/s Excavation of Length = 30 m kept on hold due to change in methodology. * Mucking is in progress.	
175	Excavation of TRT 2	m	109	18.06.23	In progress	21.07.22	06.10.22	24	15	15	1.5	2	39	70	* Drilling and blast taken at RD 38m.	

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176	Excavation of TRT 3	m	119	05.04.23	In progress	22.05.22	05.08.22	72	30	0	1.25	-	72	47	*U/s length of TRT# 3 = 50m (Completed on 06.05.2023). *Note: Excavation taken up towards TC from ICT. *Excavation of balance TRT 3 downstream of ICT. *Downstream length kept on hold due to change in methodology.
181	Draft Tube Tunnel 3	m	75	06.05.23	21.06.23	21.10.22	05.12.22	75	-	-	-	-	75	0	* Draft tube tunnel # 3 completed on 21.06.2023.
177	Excavation of TRT 4	m	142	11.11.22	04.03.23	24.10.22	07.01.23	142	-	-	-	-	142	0	*Inter Connecting Tunnel Completed: Completed on 03.04.2023.
182	Draft Tube Tunnel 4	m	75	11.03.23	05.05.23	25.03.23	09.05.23	75	-	-	-	-	75	0	*Excavation completed on 05.05.2023.
OTHER WORKS		* Pothead yard area: Shuttering work in progress in between RD 326m to 342m. * MAT -PH Adit Overt Lining: Mucking in progress. Gantry has been parked as mucking from PH through MAT-PH is being done.													
	Gauge and Discharge Data (G&D Site: 800m upstream of Dam axis)	Date : 08.07.2023 Time : 10:00 AM Water level : 1423.60m River Discharge : 1205.57 Cumecs Rainfall : 00mm													
	CAPEX DETAILS FOR FY 2023-24 (July 2023)	MAJOR WORKS		CIVIL WORKS		HM WORKS		E&M WORKS		Total hard cost					
		Target (in crs)		26.85		2.5		16.8		46.15					
		Achievement (in crs)		0		0		0		0					
Note:	Equipment arrived at Site:														
	Hinderances		NIL												