

PROGRESS REPORT
Name of Project **2x0.75 MW DunaoSHP**

Progress as on 30/06/2016

S.No.	Project components	Unit	As per agreement/ Design	Work executed upto the aforesaid date	Progress in last month	Remark
1 (A)	Head, Diversion & Intake Chamber					
	Excavation	Cum	6615.85	6677.919	86.90	Installation work of Spillway gate, Intake Gates and stop log assembly is in progress. Construction Work is under progress.
	Concrete	Cum	2921.98	1941.15	135	
1(B)	De-silting tank					
	Excavation	Cum	2529.05	3661.35	15	Work in progress
	Concrete	Cum	447.23	49.288	-	
2	Power Duct					
	Progress in running meter	RM	266.5	266.5		Work Completed
	Excavation	Cum	9170.75	8968.16	-	
	Concrete	Cum	752.49	639.707		
3	Power Channel					
	Progress in Quantum					Work Completed
	Excavation	Cum	37744	84624.92	-	
	Concrete	Cum	6903.00	5510.71	-	
4(A)	Forebay					
	Excavation	Cum	3902.25	2115.77		Work in progress.
	Concrete	Cum	1209.75	211.32	40	
	Bell Mouth	No.	1	1	1	Installed
	Expension Joints (1200mm Dia)	No.	5	6	4	
4(B)	Penstock					
	Fabrication (in r.m)	RM	192	124	-	Erection of Penstock is under progress and 70m penstock has been laid. Erection of Y-Junction has been completed
	Erection of Y-Junction	No.	1	1	1	
	Erection of penstock (r.m)	RM	192	60	-	
5	Power House					
	Excavation	Cum	337.95	694.00	-	Work in Progress
	Concrete	Cum	1644.89	1425.70	-	
	Physical Status					95% Completed
6	Supply/Erection of E&M Equipments					
6(a)	Draft Tube	Sets	2	2		Supplied at Site
6(b)	HOT Crane	No.	1	1	1	Erection completed
6(c)	Spiral Casing	Sets	2	2		Supplied at Site
6(d)	Turbine/Runner	Sets	2	2	-	Supplied at Site
6(e)	Generator	Sets	2	2	-	Supplied at Site
6(f)	Control Panels					-
6(f1)	Generator and Generator Transformer control, protection & Metering panel	No.	2	2	-	Supplied at Site
6(f2)	Transormer and Line relay and metering simplex panel (TLRMP)	No.	1	1	-	Supplied at Site
6(f3)	Manual and Automatic Synchronizing Equipment and Panel	No.	1	1	-	Supplied at Site
6(f4)	Generator LAVT panel	No.	2	2	-	Supplied at Site
6(g)	Tranformer	No.	1	-	-	-
6(h)	Power Evacuation system					
6(h1)	11 KV Switchyard			-	-	-
6(h2)	11 KV Transmission Line			-	-	Erection completed
	Hindrances		8 days due to rain			

Month: June 2016

UJVN Limited

Detailed Progress of SHPs - Under Construction (Civil Works) KALIGANGA-II SHP (2X2.25) MW

SI No.	Activity Particulars	Quantity Total		Cumulative Quantity achieved till date	Progress during		Cumulative		Next Quarter Target	Schedule				Expenditure		Progress during the Month Remarks/ Constraints For less Progress If any
		Original	Revised		Target	Actual	Target	actual		start		Completion		In Rs Crores	In (%)	
										Schedule	Actual / Anticipated	Schedule	Actual / Anticipated			
3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
A	Diversion weir including Intake & Shingle Excluder															
1	River Diversion work (Job)	3.00		Nil												
2	Excavation (Cum)	11527.50		Nil												
3	Concrete (Cum)	1712.44		Nil												
4	Plum Concrete (Cum)	423.00		Nil												
5	Under Sluice Gates															
(a)	Supply & Fabrication (Nos)	2.00		Nil												
(b)	Installation of gates (Nos)	2.00		Nil												
(c)	S/F & Erection of Hoisting arrangements (Job)	1.00		Nil												
6	Stoplog Gate for Under Sluice Gates															
(a)	Supply & Fabrication (Nos)	1.00		Nil												
(b)	Installation of gate (Nos)	1.00		Nil												
7	Intake Gate															
(a)	Supply & Fabrication (Nos)	1.00		Nil												
(b)	Installation of gate (Nos)	1.00		Nil												
(c)	S/F & Erection of Hoisting arrangements (Job)	1.00		Nil												
8	Stoplog Gate for Intake Gate															
(a)	Supply & Fabrication (Nos)	1.00		Nil												
(b)	Installation of gates (Nos)	1.00		Nil												
B	Power Duct															
1	Excavation (Cum)	1610.00		Nil												
2	Concrete (Cum)	196.72		Nil												
3	Plum Concrete (Cum)	79.00		Nil												
C	Desilting Tank															
1	Excavation (Cum)	7775.00		Nil												
2	Concrete (Cum)	258.22		Nil												
3	Plum Concrete (Cum)	53.20		Nil												
4	Supply & Installation of Sluice valve 450 mm Dia (Nos)	6.00		Nil												
D	Power Channel															
1	Excavation (Cum)	322.00		Nil												
2	Concrete (Cum)	32.94		Nil												
3	Plum Concrete (Cum)	87.00		Nil												
E	Tunnel															
1	Muck/RBM Clearance (Cum)	5486.00		102.00												
2	Underground excavation in tunnel (RM) (Total 2002 m)	842.00		2.00												
	(i) Inlet face (already excavated 518m)	54.00		Nil												
	(ii) Adit U/s (Al. excavated 278m)			2.00												
	(iii) Adit D/s (Al. excavated 226m)			Nil												
	(iv) Outlet Face (Al. excavated 138m)	788.00		Nil												
3	Concrete (Cum)	3959.70		Nil												

Against agreement no. 09/GM(SHP)/2015-16 dt. 18.11.2015

i) Construction Works of weir shall be commence after the construction of Approach Road to weir site.
ii) Construction work of Approach Road about 1300 m out of 2250 m has been constructed towards Kaliganga-I Power House/ Kaliganga-II Weir site.

Against Agreement no. 02/GM(SHP) /2016-17 dated 04.04.2016

(i) Inlet tunnel RBM clearance work shall be started after the construction of Approach to KG-II Weir site.

ii) Excavation of Adit U/s is on progress and Adit D/s Face planned to be strat soon.

F	Forebay/Escape																			
1	Excavation (Cum)	2870.00		Nil																
2	Concrete (Cum)	720.02		Nil																
3	Supply, Fixing & Erection of Bell mouth (No)	1.00		Nil																
4	Anchor block (Nos)	6.00		Nil																
5	Saddle Block (Nos)	13.00		Nil																
6	S/F/E of escape pipe (RM)	185.00		Nil																
G	Penstock																			
1	Excavation for road crossing (Cum)	350.00		Nil																
2	Concrete for Road Crossing	85.00		Nil																
3	Construction of Blocks																			
(a)	Anchor/Thrust Block (Nos)	9.00		Nil																
(b)	Saddle Block (Nos)	21.00		Nil																
4	Penstock pipe																			
(a)	Fabrication of Penstock pipe (RM)	225.00		Nil																
(b)	Erection of Penstock pipe (RM)	225.00		Nil																
(c)	Fabrication & Erection of Expansion Joint (Nos)	8.00		Nil																
(d)	Fabrication & Erection of Y-Piece (Nos)	1.00		Nil																
H	Power House, Switch Yard & TRC																			
1	Excavation (Cum)	8459.00		Nil																
2	Concrete work																			
a	RCC in Raft work (Cum)	805.00		Nil																
b	RCC in Beam & Column (Cum)	268.00		Nil																
3	Brick Work (Cum)	174.00		Nil																
4	Roofing																			
(a)	Roof Sheet (Sqm)	660.00		Nil																
(b)	Truss (Nos)	12.00		Nil																
5	Flooring (Sqm)	365.00		Nil																
6	Misc. Work (Job)	1.00		Nil																
I	Flood Protection Works																			
1	Excavation (Cum)	5104.00		3041.58																
2	Concrete (Cum)	697.00		701.47																
3	Plum Concrete (Cum)	421.00		192.11																
4	Random Rubble Stone Masonry (Cum)	659.00		Nil																
5	Boulder wire crates (Cum)	338.00		Nil																
J	Approach Roads																			
1	Cutting & Excavation (Cum)	3466.00		4763.59																
a	Approach road to Weir site (m) Excavation only	2250.00		1300																
b	Approach road to Power House site (m) Excavation only	150.00		150																
2	Concrete (Cum)	77.05		3.15																
3	Plum Concrete (Cum)	148.00		593.17																
4	Protection work																			
(a)	RR 1:6 & RR Dry (Cum)	952.00		1602.75																
(b)	Boulder apron wire crates (Cum)	338.00		2099.25																

ii) Protection work of approach to Outlet face is on progress, Outlet Face planned to be started by 20th July'16.

Against Agreement no. 08/GM(SHP) /2015-16 dated 18.11.2015.

i) Tentative construction drawing for Penstock has been submitted by M/s Wapcos in the Month June 2016.

ii) Flood Protection Wall work is on progress.

Against agreement no. 09/GM(SHP)/2015-16 dated 18.11.2015

(i) Construction work of Approach Road about 1300 m out of 2250 m has been constructed towards Kaliganga-II Weir site and the work is on progress.

(ii) About 150 m approach road at KG-II Power House site has been excavated and the protection work of approach road is on progress

(b)	Saddle Block (Nos)	15.00		Nil															
3	Penstock pipe																		
(a)	Fabrication of Penstock pipe (RM)	175.00		Nil															
(b)	Erection of Penstock pipe (RM)	175.00		Nil															
(c)	Fabrication & Erection of Expansion Joint (Nos)	6.00		Nil															
(d)	Fabrication & Erection of Y-Piece (Nos)	1.00		Nil															
F	Power House, Switch Yard & TRC																		
1	Excavation (Cum)	4590.00		Nil															
2	Concrete work																		
a	RCC in Raft work (Cum)	788.00		Nil															
b	RCC in Beam & Column (Cum)	250.00		Nil															
3	Brick Work (Cum)	164.84		Nil															
4	Roofing																		
(a)	Roof Sheet (Sqm)	660.00		Nil															
(b)	Truss (Nos)	12.00		Nil															
5	Flooring (Sqm)	353.00		Nil															
6	Plum Concrete (Cum)	334.50		Nil															
G	Flood Protection Works																		
1	Excavation (Cum)	795.00		Nil															
2	Concrete (Cum)	309.60		Nil															
3	Plum Concrete (Cum)	368.00		Nil															
4	Random Rubble Stone Masonry (Cum)	232.00		Nil															
H	Approach Roads																		
1	Cutting & Excavation (Cum)	29621.00																	
	Excavation in Soil (Cum)			3275.00															
	Excavation in Hard Rock (Cum)			686.00															
	Excavation for Structure (Cum)			7.00															
2	Concrete (Cum)	250.04		Nil															
3	Plum Concrete (Cum)	392.00		Nil															
4	Protection work																		
(a)	RR 1:6 & RR Dry (Cum)	1290.00		Nil															
(b)	Boulder apron wire crates (Cum)	1104.00		Nil															

Against agreement no. 03/GM(SHP)/2016-17 dated. 28.04.2016

i) Tentative construction drawing for Penstock & Flood Protection Wall has been submitted by M/s Wapcos.

ii) Construction Works of Approach Road after 1300 RD to Kaliganga-I SHP Power House Site & Kaliganga-II SHP Weir Site has been started by M/s KCPL on 15.06.2016

ii) Upto RD 1300 the Construction works of Approach Road has been Carried out by M/s Starcon Infratech Pvt. Ltd.

UJVN Limited

Detailed Progress of SHPs - Under Construction (E/M Works)

Month- June 2016

SN	Particulars	Name of Work	Date of Start	Schedule Date of commissioning	Agreement Value (in Lacs)	Agreement no.	Status of Erection	Status of Testing & commissioning	Expenditure incurred till Date (As per Agreement value)	Remarks if any
									In Rs Lacs	
1	Assiganga-I SHP (4.5MW)	Design, Supply, Installation Supply of E&M equipments and machines, spares and tools	11.11.08	10.05.10	791.67	Ms/s Voith Hydro 05/GM(SHP)/2008-09 dated 18.07.2008	More than 80% of the work was completed till the flash flood in year 2012 that leads to complete damage of E&M equipments. The contract is alive and contractor is agreed to restart the work with some changes in contract.		689.0 (excluding price escalation)	1. Bank guarantee of the contract has been expired and contractor made proposal for Corporate Guarantee. Proposal of corporate guarantee has been submitted to the board for consideration. 2. Contractor bill amounting to Rs. 89.45 lac & 100 lac due against pending bill & price escalation bill respectively. Further contractor has submitted claim amounting to Rs. 110 Lac due to project delay. 3. Retendering of civil works starts after closing the ongoing civil contracts.
		Transportation, insurance and erection of E&M equipments	11.11.09	10.05.10	39.32	Ms/s Voith Hydro 06/GM(SHP)/2008-09 dated 18.07.2008			28.91 (excluding price escalation)	
2	Assiganga-II SHP (4.5MW)	Design , Construction, Supply, Installation, Commissioning and Supervision of O&M of plant for One(1) year of (2x2250kW+155COL) Assiganga-II SHP	30.04.2009	31.03.2013	2639.65	M/s Avantika Contractors 07/UJVNL/GM(SHP)/08-09 dated 23.01.2009	Contract is still alive & turbine , generator & other equipments has been supplied by Contractor		625.49	1. Bank Guaranty of the project has been expired
3	Kaldigad SHP (9.0MW)	Design, Supply, Installation, commissioning and testing of Electromechanical work	03.12.2008	02.12.2010	1245.65	M/s Boving Fouress Ltd (BFL) 05/GM(SHP)/2008-09 dated 16.10.2008	Contract is still alive & Majority of E&M equipments has been supplied by Contractor		915	1.Contractors bill Rs. 26 lac is pending & spare of Rs. 47.5. lac 2. Time extension is required
4	Limchagad SHP (3.50 MW)	Design, Construction, Supply, Installation, Commissioning and O&M of Plant for 1 year of(2x1000kW+15%COL) Limchagad SHP in distt. Uttarkashi.	18.06.2012	17.06.2014	2247.57	M/s Energy Development Company Limited(JV) 05/EE/EDD(SHP)/Limchagad/2011-12 dated 29.09.2011	1. Survey work has been completed by the firm , Revised drawings is yet to be provided 2. Land case for additional forest land for the project is pending for the approval of the project.			From the letter of Chief forest onservator(central) No-8/UCP/03/44/2006/1757 dated 31.03.2014 addressed to chief Secretary(Forest),it was informed that s this project comes under the Gangotri Uttarkashi Eco-sensitive Zone so the permission for start the work should be taken from the Eco-sensitive Zone monitoring committee.

5	Sawarigad SHP (2.00MW)	Design, Construction, Supply, Installation, Commissioning and O&M of Plant for 1 year of(2x1000kW+15%COL) Swarigad SHP in distt. Uttarkashi.	18.06.2012	31.03.2013	1481.25	M/s KIDCO NACC (JV), Kolkata. 03/EE/EDD(SHP)/2010-11/SUWARIGAD dated 16.05.10	EPC contract for execution of work executed with Contractor M/s KIDCO NACC (JV), Kolkata.			Validity of BG has been expired in 28.02.2013
6	33 kV Transmission Line Asiganga Valley	Complete supply ,erection , commissioning & testing	23.09.2011	22.06.2012	819+65	M/s Hythro Power 12/DGM (ADB-Projects) dated 01.07.2011	Supply parts almost completed by contractor but erection & commissioning activities are pending. Contractor has left the site more than one year back.		717	1. Contractor has left the site with liabilities to many local contractors & associates approx. amounting to Rs. 32 lac. Local people demanding their dues through UJVNL 2. Notice to Perform has been issued by UJVNL & contract is to be terminated
7	Pilangad(2.5MW)	Repairing & overhauling of 1125kW capacity machine Unit-2 of Pilangad SHP.	11.04.2015	31.12.2015	9.9	M/s Fibretech, 314 Tilak Park, Sadar Bazar, Merrut Catt.(U.P) 04/EE(E&M)/SHP) /Maneri/14-15 dt. 07/02/2015	Work in Progress. Work can be finalized after availability of water for machine. At present Civil work is in progress		NIL	
8	Gangori SHP(800kW)	Renovation of Electrical works of unit No-1st, 2nd,3rd & 4th at 4x200kW. Gangori SHP in Distt. Uttakashi.	01.01.2009	30.09.2009	142.92	M/s Fibretech, 314 Tilak Park, Sadar Bazar, Merrut Catt.(U.P) 14/EE(SHP)/2008-09 dated 16.12.2008	The contract is to be closed. Board has given consent for abandoning the project and closing existing contract.			Contractor has requested for payment of pending bill amounting to Rs. 11.81 lac & 21.00 Lac . Further contractor submitted claim for delay i work amounting to Rs. 13.5 Lac
9	Dunao SHP (1.5 MW)	Desin, manufacture, testing, supply, transit insurance, packing shipment, delivery to projects site, complete erection, testing & commissioning of complete E&M equipments and O&M of plant for one (1) year at 2x750 KW Dunao SHP.	29-05-12	29-03-13	403.22	M/s Boom System Pvt Ltd.	Works under process.		246.68	time extension upto 31-3-2016 for completion of the work is in process
10	Kaliganga-I (2x 2MW)	Design, Supply, Installation, Commissioning and Testing of Electromechanical Works of the Kaliganga -I SHP (2X2 MW + 15%COL) in District Rudraprayag with one year Operation & Maintenance	02.03.16	01.09.2018	996.5	M/s GoGoal Hydro Pvt Ltd. Haridwar.	Moblization advance given on 02.03.2016		49.5	Moblization advance given. Design drawing and Fabrication works under progress.

11	Kaliganga-II (2x 2.25MW)	Design, Supply, Installation, Commissioning and Testing of Electromechanical Works of the Kaliganga -II SHP (2X2.25 MW +15%COL) in District Rudraprayag with one year Operation & Maintenance.	02.03.16	01.09.2018	1096.5	M/s GoGoal Hydro Pvt Ltd. Haridwar.	Mobilization advance given on 02.03.2016	54.8	Mobilization advance given. Design drawing and Fabrication works under progress.
12	Madhyamaheswar (15MW)	Design, Supply, Installation, Commissioning and Testing of Electromechanical Works of the Madhyamaheswar SHP (2X5 MW + 15%COL) in District Rudraprayag with one year Operation & Maintenance	01.4.2016	31.03.2019	2369	M/s Flovel Energy Pvt Ltd., Faridabad, Haryana	Mobilization advance given on 31.03.2016	118.45	Mobilization advance given. Design drawing and Fabrication works under progress.
13	Suringad-II (5MW)	Design, supply, installation, commissioning & testing of E&M equipment of Suringad-II SHP (2X2.5MW+10% COL) including one year operation & maintenance.	23.12.2014	22.12.2016	1060.27544 (including all taxes)	M/s GoGoal Hydro Pvt Ltd. Haridwar. 01/DGM(SHP)/PTH/2013-14 , 06.03.2014	Works under process.	106	Mobilization advance given. Design drawing and Fabrication works under progress.

MIS

UJVN Limited

SHPs - DPR Approved, Clearances Obtained/Under Progress

Month-June 2016

Sl.No.	Name of Project	Date of approval of DPR	Status of Forest Clearance					Status of other Statutory clearance	Status of Investigations, If any					Remarks if any
			Preparation of Land Case	Submission to State Nodal Agency/ MoEF	Stage -I Clearance	CAT Plan	Stage -II Clearance		Tender	Receipt of Bids	Placement of Order	Date of Start	Date of Completion	
1	Bhilangana-IIA	07.09.2011	Oct-12		Obtained	Upladed by DFO in Dec 15	Awaited							
2	Tankul SHP		Land case preparation under progress.											
3	Sonegad SHP	Awaited	Project under Gangotri eco sensitive zone.											

