

UJVN Limited
Detailed Progress of LHPs - Under Construction (Civil & HM Works)- Vyasi HEP 120MW

Progress during Month: December 2015

Sl No.	Activity Particulars	Quantity Total		Cumulative Quantity achieved till date	Progress during month		Progress during current quarter		Cumulative progress of year Up to end of Current Quarter		Next Quarter Target	Schedule				Expenditure incurred till Date (As per Agreement value)		Remarks/ Constraints For less Progress If any
		Original	Revised		Target	Actual	Target	Actual	Target	Actual		start		Completion		In Rs Crores	In (%)	
												Schedule	Actual / Anticipated	Schedule	Actual / Anticipated			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
GIL Package:-																		
01	River Diversion works-																	
a)	Coffer Dam												Dec-14		Dec-15			
b)	Diversion Channel																	
	i) Excavation(m)	260.00		186.00	50.00	0.00	0.00	0.00	0.00	0.00	74.00	Mar-14		May-14				
	ii) Concreting (m)	260.00		146.00	50.00	50.00	150.00	60.00	260.00	146.00	75.00	Oct-14		Dec-14				
2	Dam & Dykes/ Barrage-																	
a)	Excavation (cum)	392312.00		77493.56	5000.00	5000.00	15000.00	6700.00	80000.00	77493.56	20000.00	Mar-14		Mar-15				
b)	concreting (cum)	441768.00		8720.00	4000.00	2166.00	2000.00	7720.00	5000.00	8720.00	9000.00	Nov-14		Aug-16				
c)	Masonry (cum)	5600.00																
d)	Earth fill (cum)	12900.00																
3	Spillway & Gates																	
a)	Excavation (cum)	430000.00										Apr-15		Nov-15				
b)	concreting (cum)	10290.00										Jan-16		Apr-16				
4	Intake Structure																	
a)	Excavation (cum)	9642.00		3550.00	0.00	0.00	0.00	0.00	0.00	3550.00		Feb-15		May-15				
b)	concreting (cum)	5074.00		250.00	200.00	80.00	600.00	250.00	600.00	250.00		Jun-15		Jan-16				
5	Sedimentation chamber																	
a)	Excavation (cum)																	
b)	concreting (cum)	N/A																
6	Head Race Tunnel/Channel (GIL - 1.35km length)																	
a)	Tunnel Excavation																	
	I) Adits & Construction shaft (m)	Nil		Already completed														
	II) HRT (m)																	
	Overt	29.00		29.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Jun-14		Jul-14				
	Invert	1350.00		1337.00	233.00	30.00	200.00	90.00	210.00	1337.00	43.00	Jun-14		Oct-14				
b)	Concreting																	
	Overt	1350.00		387.00	96.00	69.50	252.00	258.00	336.00	387.00	300.00	Aug-14		May-15				
	Invert	1350.00		31.00	20.00	25.50	100.00	31.00	300.00	31.00	500.00	Jan-15		Jun-15				
c)	Grouting (m)	1350.00										Jun-15		Aug-15				
d)	Cleaning & Plugging (%)																	

15.33

4.84

GoU have been requested for following issues :

- To issue directions/ guidelines on R&R package for Vyasi Project.
- Approval of reuse of excavated material
- Approval of quarry required for project construction works.

Besides above regular meetings of project authorities of UJVN Ltd. with the top management of NPCC and GIL is continue to put more resources on site for increasing progress of work.

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		Original	Revised		Target	Actual	Target	Actual	Target	actual		start		Completion		In Rs Crores	In (%)		
												Schedule	Actual / Anticipated	Schedule	Actual / Anticipated				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
NPCC Package:-																			
7	Head Race Tunnel/Channel (1.35km length)																		
a)	Tunnel Excavation																		
	I) Adits & Construction shaft (m)																		
	II) HRT																		
	Invert (m)	1350.00	1350.00	860.00	90.00	200.00	270.00	200.00	1350.00	860.00	900.00	Dec-13	Oct-14	Mar-14	Oct-15				
	Excavation(Cum)	19588.00	7500.00	3240.00	450.00	0.00	1350.00	0.00	6750.00	3240.00	1350.00								
b)	Concreting																		
	I) Overt (m)	1350.00										May-14	Dec-14	Apr-15	Mar-16				
	II) Invert (m)	1350.00										May-15	Dec-14	Dec-15	Mar-16				
	III) Concrete in Cum (including backfill)	16200.00		5506.00	750.00	590.00	2250.00	1230.00	14000.00	5506.00	2250.00		Dec-14		Mar-16				
c)	Grouting (m)	1350.00										Aug-15		May-16					
d)	Cleaning & Plugging (%)	250.00										Jan-16	May-16	May-16	Aug-16				
8	Surge Tank/Forebay																		
a)	Excavation (cum)	14857.00	11500.00	4690.00	450.00	300.00	900.00	950.00	8310.00	4690.00	4500.00	Dec-13	Jun-14	Apr-14	Dec-15				
b)	concreting (cum)	6626.00										Oct-15	Mar-15	May-15	Oct-16				
9	Pressure Shaft																		
a)	Excavation (cum)	1695.00	5000.00	1325.00	100.00	0.00	300.00	25.00	3700.00	1325.00	1250.00	Jan-14	Jul-14	Oct-14	Oct-16				
b)	Fabrication of steel liners (m)	418.00										Nov-14		Aug-15					
c)	Erection of steel liner (m)	418.00										Nov-14		Aug-15					
d)	Concreting/ Grouting (m)	418.00										Nov-14		Aug-15					
10	Power House Building																		
a)	Excavation (cum)	66000.00																	
	PH pit and TRC area		125000.00	12000.00	10000.00	2000.00	50000.00	12000.00	50000.00	12000.00	75000.00		Feb-15		Mar-16				
	Back slope of PH upto EL 535		160000.00	79000.00	17000.00	10000.00	50000.00	46500.00	100000.00	79000.00	60000.00		Feb-15		Mar-16				
	Switchyard Area		130000.00	40000.00	10000.00	0.00	30000.00	3000.00	60000.00	40000.00	60000.00		Feb-15		Mar-16				
b)	Concreting sub-Structures (cum)	20500.00											May-15		Sep-15				
c)	Super- structures concreting(cum)	4700.00																	
e)	Concreting in retaining wall(cum)	5452.00																	
f)	Concrete in back filling(cum)	2000.00																	
11	Tail Race Tunnel/ Channel																		
a)	Excavation (m)	10000.00																	
b)	Lining(m)	37.00																	
c)	Hydro mechanical Equipments-gates																		
	1)Fabrication & supply (mt)	37.50																	
	2) Installation (mt)	37.50																	
12	Cable Tunnels & Trenches																		
a)	Excavation (cum)	2000.00																	
b)	Concreting (cum)	1000.00																	
13	Switchyard																		
a)	Excavation & Leveling (cum)	14000.00																	
b)	Concreting for preparation of Foundation for Structure/ Equipment(cum)	3500.00																	

16.48

14.38

Yet to decide

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