




THCIL-DASHBOARD																					
Vishnugad Pipalkoti HEP (4 x 111 MW)												Status up to 31-Dec-24						Reporting Date: 10-Jan-25			
ACHIEVEMENTS: River diversion completed. Construction of concrete Cofferdam(EL.1246m) completed. TBM commissioned. Financial crisis of M/s HCC resolved.												Approved Cost: RCE of Rs 3860.35 Cr at Feb'19 PL including IDC & FC of Rs 351.65 Cr approved on 31.07.21. Preparation of RCE-II at Aug'24 PL is under process.						Issues, Risks & Measures			
Project Start Date :		17-Jan-14		Anticipated End Date :		31-Dec-26		Days Remaining:		730				 Out of total 3044 m, 2500 m heading excavation, 420 m Benchng excavation and 132 m Overt lining has been completed. Further balance works are in progress		A) ISSUES: • Creter Crane for Dam concreting not yet mobilized. Needs to be expedited as further Dam concreting is required to be done through Creter Crane for which front is already available. • Additional dumping space at Dam, TBM and Power House sites. • Installation and commissioning of Additional Crusher Plant at Dam site required to be expedited. • Expeditious shifting of excavated material from Dam pit by deploying additional dumpers. • Installation and operation of Ice plant at Dam site required for Dam concreting needs to be expedited. • Shortage of manpower as per fronts requirements due to which progress of project works is badly affecting. Immediate intervention is required.					
S. No.	Critical Milestones/Activities as informed to MoP							As per MCN Jun'26	Forecast												
1	Overt Concrete lining of 1600 m in HRT by DBM							31.03.24	31.03.25												
2	EOT crane extension in Unit-1 of Machine Hall							29.08.24		25.01.25				In Unit-1, casting of crane beam completed and extension of EoT crane in Unit-1 is targeted by 25.01.2025. In Unit-2, segments of DT liner have been erected & welding work is currently in progress.		B) RISKS: • Less production of aggregate from existing Crusher Plants. • Further enhancement in Segment Casting to match with the requirement. • Delay in arrangement of consumables, mandatory spares and other construction materials for TBM smooth operation.  C) MEASURES: • Augmentation of required resources at all fronts immediately. • Complete automation for segment casting in TBM is required immediately. • M/s HCC to ensure timely repair and maintenance of equipment to optimise the working hours to expedite the work progress. • Project to ensure strictly shifting of resources from one site to another and ask M/s HCC to deploy efficient and adequate resources at each front as per requirement to enhance the progress of each front. • M/s HCC be asked to ensure adequate stock of aggregates in view of upcoming huge quantity of concreting in all major structures. This is to be ensured by project strictly. • Erection work of 2nd gantry for lining of TRT at face-2 needs to be expedited. • Project to ensure achievement of monthly Capex Target by enhancing the work progress of each front strictly. • Inventory of sufficient construction material/ spares, consumables at site by M/s HCC considering location of project. • Project to ensure at least 15 m/day(i.e. 450 m/month) average rate of progress in construction of HRT through TBM which shall be increased further as per requirement for timely completion of HRT through TBM.					
3	In Machine Hall, Pit excavation of Unit-3 & 4							30.05.24		31.03.25											
4	TRT Excavation Heading from Face-III (1040 m)							08.08.24		31.05.25											
5	HRT Construction by TBM							29.09.25		29.09.25		Year		BE						ACTUAL	
6	Completion of concreting of all 3 Desilting Chambers (390x16x15.5m each)							24.01.25		31.03.25											
7	Completion of excavation of TRT (3044 m)							05.01.25		30.06.25											
8	Commissioning of Unit-1							31.03.26		31.03.26		4100 m HRT construction through TBM out of 11700 m completed and is in progress. Segments casting is in progress.									
CAPEX 2024-25 BE Rs 1279.44 crores vs. Actual Expenditure (in Rs crore)														2020-21		347.00		262.18			
	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Cumm. Upto Dec'24	Excess (+) / Shortfall (-)	2021-22	413.30	248.17				
															2022-23	455.49	520.62				
															2023-24	659.94	653.41				
															2024-25 (upto Dec'24)	973.96	680.82				
Planned (BE)	76.98	98.88	144.21	109.43	107.56	163.36	91.18	91.18	91.18				973.96	-293.14	Up to Date Expenditure		4336.49				
Actual	47.63	26.81	96.64	65.81	59.21	105.02	80.79	100.32	98.59				680.82		As per RCE-I		112.33%				
Particulars		Unit	As per BOQ		Executed up to Mar-24		Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Cumm. Executed	%	
Excavation		Cum	3463785		2514085		29902	57069	59967	54660	59216	60914	52987	36637	43531				2968968	85.71%	
Concrete		Cum	520450		232969		3027	7173	8193	7375	8467	9929	10400	9786	11711				309030	59.38%	