

Progress Report of SKDKHEP

Project : Solu Khola (Dudh Koshi) Hydroelectric Project (86 MW)
 Employer : Sahas Urja Ltd.
 Engineer : Consortium of Hydro-Consult Engineering Ltd. and Fichtner GmbH & Co. KG
 Civil Contractor (Lot1): CE Construction Pvt. Ltd.

HM Contractor (Lot 2)
 EM Contractor (Lot2)
 Auxiliary Civil works (Lot3)
 TRL Contractor (Lot4)

: Machhapuchhre Metal and Machinery Works (P). Ltd.
 : Voith Hydro Pvt. Ltd.
 : Gaura Construction Pvt. Ltd.
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Civil-Surface Works	% Completion
Weir, Undersluice and Stilling Basin	92%
Intake, Gravel Trap and Flushing	99%
Approach Culvert	100%
Settling Basin	98%
Headrace Culvert	54%
Powerhouse	86%



1. Headpond and Headrace culvert



2. Surface drainage work at headworks area



Figure 3. Powerhouse view

Civil-Under Ground Works	% Completion with respect to excavation
Headrace Tunnel	100%
Penstock Tunnel (Inclined Section)	100%
Penstock Tunnel (Vertical Section)	100%
Adit Tunnels	100%
Surge Tunnel	100%

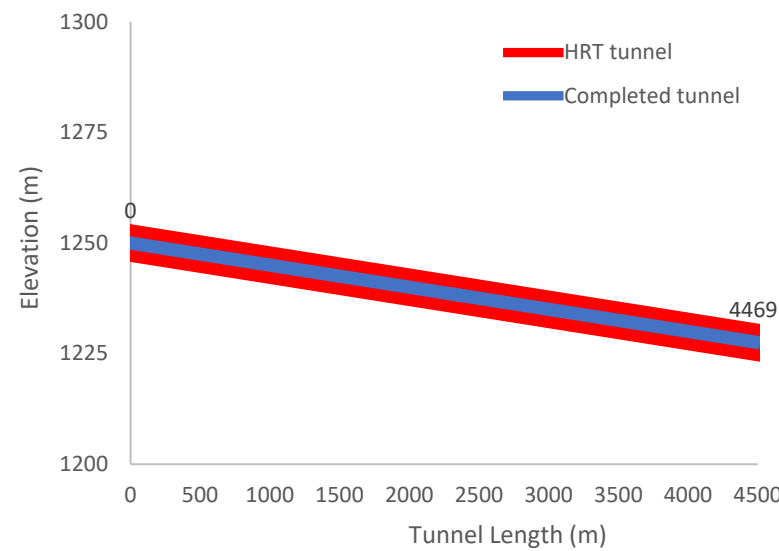


Figure 4. Headrace tunnel progress

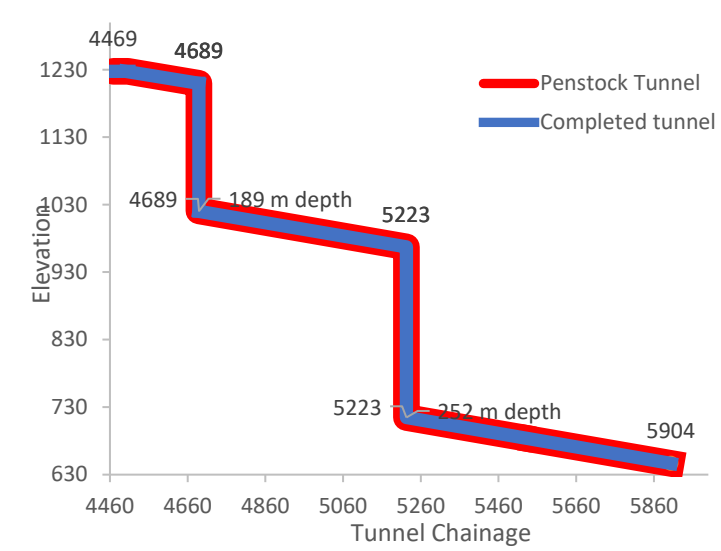


Figure 5. Penstock tunnel progress



6. Transmission line tower foundation work

Hydro-Mechanical Works:

- Penstock pipe installation – **28 % completed**
- Steel lining at headworks - **100% completed**
- Embedded parts of gates - **95% completed**
- Installation of Gates at Headworks – **25% Completed**
- Transportation of plates - **100% completed**

Electro-Mechanical Works

- Earth mat transported to site and installed - **70% Completed**
- Design of electro-mechanical components - **97% Completed**
- EOT Crane installation at site – **Completed**
- Transportation of various Electro-Mechanical component to site - **Ongoing**
- Turbine distributor pipe installation and MIV installation - **Ongoing**
- Overall Electro-Mechanical progress - **36% Completed.**



7. MIV ready for installation



8. Turbine test at factory

Note: The Reporting period is till October end 2021. The latest site photos are updated on timely basis in the Gallery section of our website.