

Progress Report of SKDKHEP

Project : Solu Khola (Dudhkoshi) Hydroelectric Project (86 MW)
 Employer : Sahas Urja Ltd.
 Engineer : Consortium of Hydro-Consult Engineering Ltd. and Fichtner GmbH & Co. KG

Civil Contractor : CE Construction Pvt. Ltd.
 HM Contractor : Machhapuchhre Metal and Machinery Works (P). Ltd.
 EM Contractor : Voith Hydro Pvt. Ltd.
 TRL Contractor : Gaura Construction Pvt. Ltd.

Civil-Surface Works	% Completion
Weir, Undersluice and Stilling Basin	85%
Intake, Gravel Trap and Flushing	99%
Approach Culvert	100%
Settling Basin	97%
Headrace Culvert	25%
Powerhouse	82%



1. Headworks overall view.



2. Weir work



3. Roof truss work at Powerhouse

Civil-Under Ground Works	% Completion with respect to excavation
Headrace Tunnel	88%
Penstock Tunnel (Inclined Section)	100%
Penstock Tunnel (Vertical Section)	91%
Adit Tunnels	100%
Surge Tunnel	100%

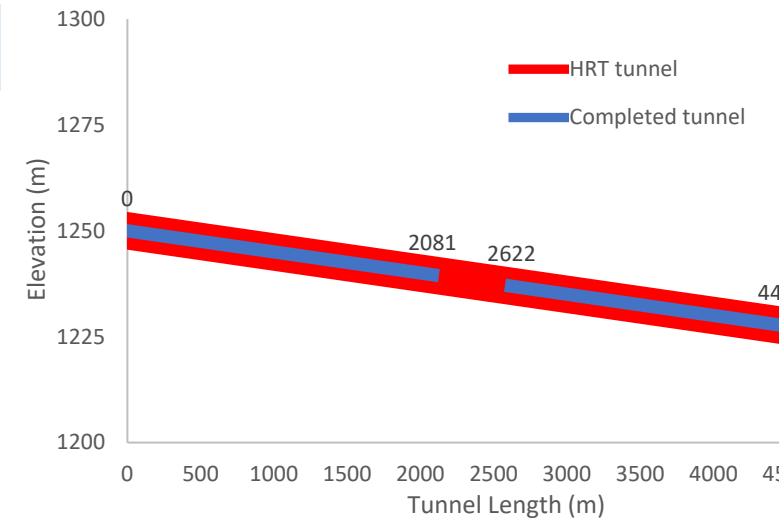


Figure 4. Headrace tunnel progress

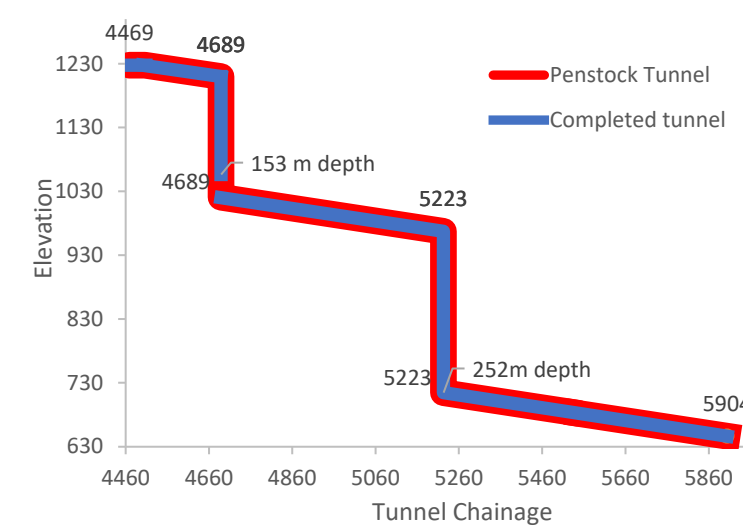


Figure 5. Penstock tunnel



6. Concreting work at tunnel

Hydro-Mechanical Works:

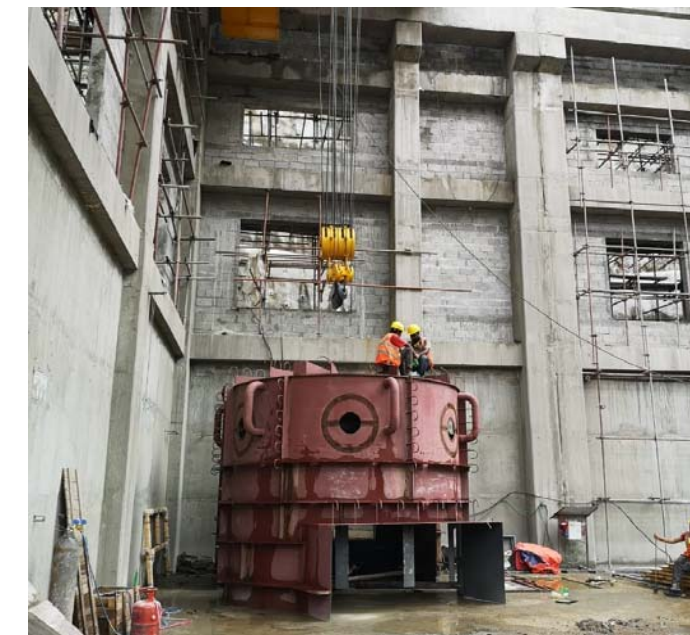
- Rolling and welding of penstock pipes - **86% completed**
- Blasting and painting of penstock pipes - **77% completed**
- Steel lining at headworks - **100% completed**
- Embedded parts of gates at headworks - **95% completed**
- Transportation of plates - **89% completed**

Electro-Mechanical Works

- Earth mat transported to site and installed at powerhouse foundation - **65% completed**
- Design of electro-mechanical components - **94% completed**
- EOT Crane installation at site - **Completed**
- Transportation of various Electro-Mechanical component to site - **Started**
- Housing of unit 1 turbine fitting - **Started**



7. Preparation for hydrotest of bifurcation 2



8. Turbine housing assembly at Powerhouse service-bay

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