

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) : Machhapuchhre Metal and Machinery Works (P). Ltd.
EM Contractor (Lot2) : Voith Hydro Pvt. Ltd.
Auxiliary Civil works (Lot3) : Gaura Construction Pvt. Ltd.
TRL Contractor (Lot4) : Gaura Construction Pvt. Ltd.

Civil-Surface Works	% Completion
Weir, Undersluice and Stilling Basin	92%
Intake, Gravel Trap and Flushing	99%
Approach Culvert	100%
Settling Basin	98%
Headrace Culvert	40%
Powerhouse	84%



1. Headworks' area.



2. Headpond progress.



3. Progress at Powerhouse

Civil-Under Ground Works	% Completion with respect to excavation
Headrace Tunnel	95%
Penstock Tunnel (Inclined Section)	100%
Penstock Tunnel (Vertical Section)	100%
Adit Tunnels	100%
Surge Tunnel	100%

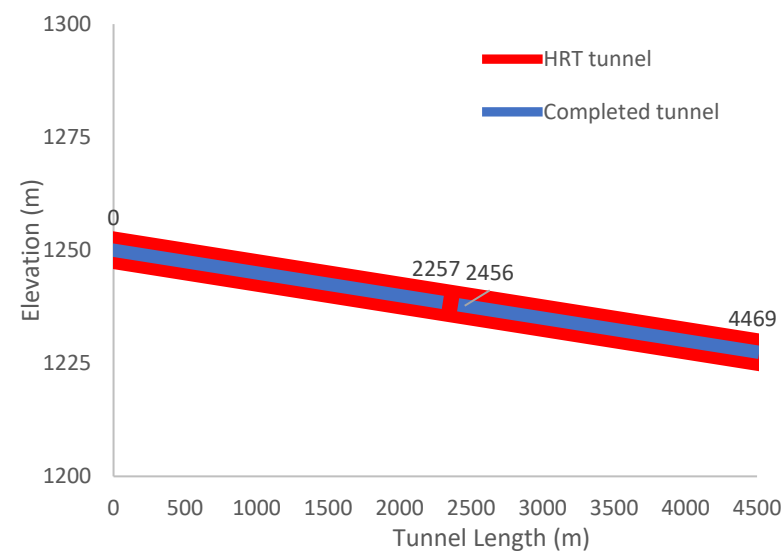


Figure 3. Headrace tunnel progress

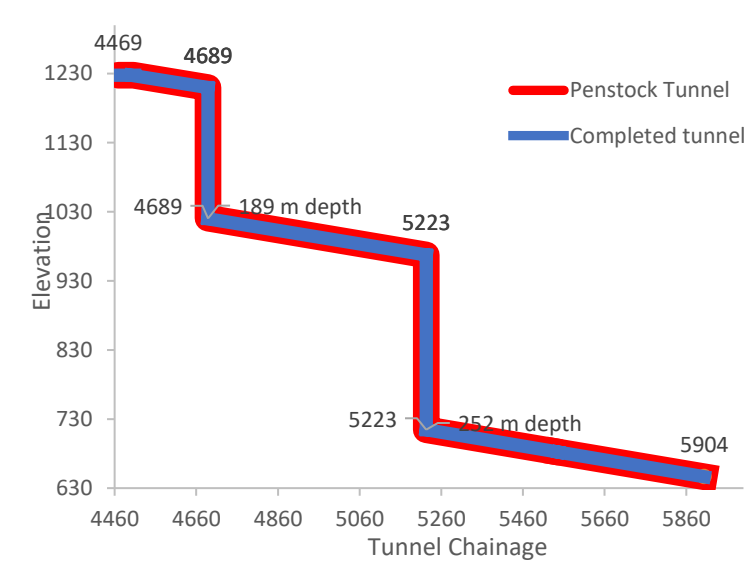


Figure 4. Penstock tunnel progress



5. Surge tunnel permanent support work on progress.

Hydro-Mechanical Works:

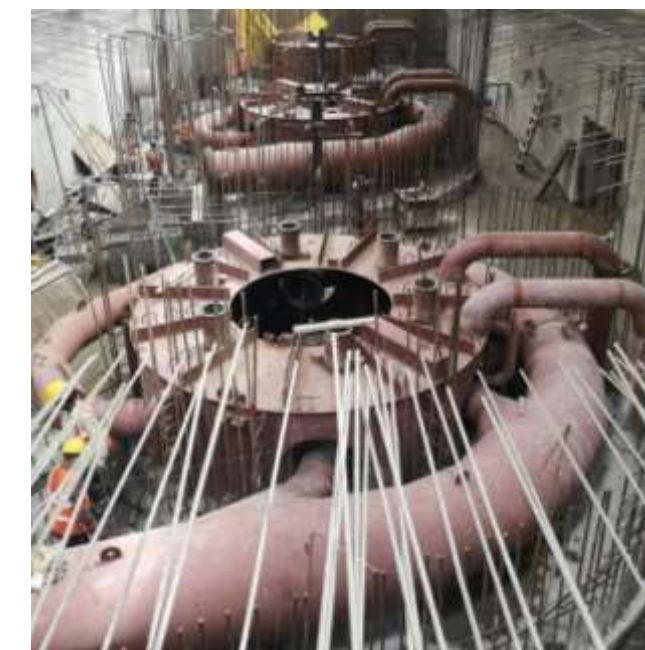
- Rolling and welding of penstock pipes - **86% completed**
- Blasting and painting of penstock pipes - **84% completed**
- Steel lining at headworks - **100% completed**
- Embedded parts of gates at headworks - **95% completed**
- Gate Installation at headworks- **25% Completed**
- Transportation of plates - **95% completed**

Electro-Mechanical Works

- Earth mat transported to site and installed at powerhouse foundation - **65% Completed**
- Design of electro-mechanical components - **95% Completed**
- EOT Crane installation at site – **Completed**
- Transportation of various Electro-Mechanical component to site - **Ongoing**
- Turbine housing distributor pipe installation - **Ongoing**
- Overall Electro-Mechanical progress on the basis of materials received at site-**15% Complete.**



6. Penstock pipe welding on progress



7. Turbine housing assembly and fitting work at Powerhouse

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