

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	60%
Intake, Gravel Trap and Flushing	99%
Approach Culvert	100%
Settling Basin	95%
Headrace Culvert	25%
Powerhouse	70%



1. Weir and Stilling basin progress after 2nd stage river diversion.



2. Concrete work at rock trap (Inside the tunnel).



3. Powerhouse concrete works on progress.

Civil-Under Ground Works	% Completion with respect to excavation
Headrace Tunnel	75%
Penstock Tunnel (Inclined Section)	100%
Penstock Tunnel (Vertical Section)	65%
Adit Tunnels	100%
Surge Tunnel	100%

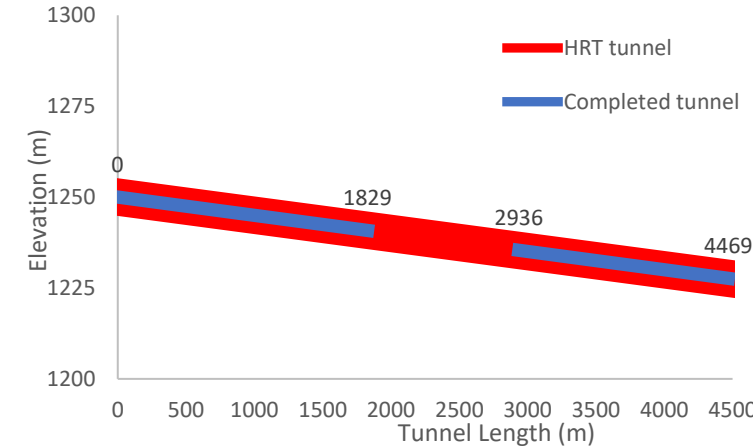


Figure 4. Headrace tunnel progress

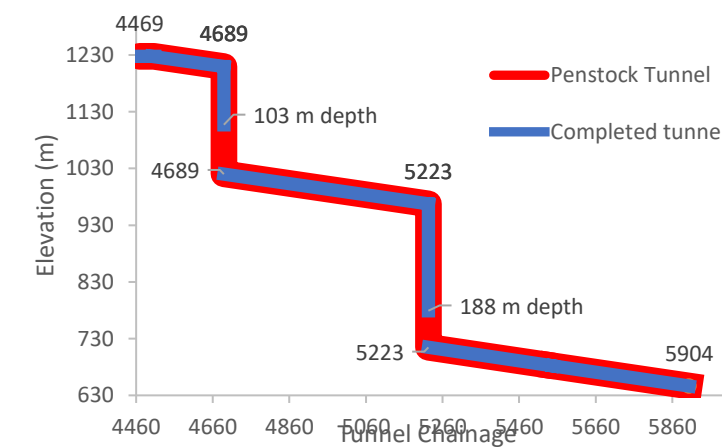


Figure 5. Penstock tunnel



6. Ventilation shaft for surge tunnel break through

Hydro-Mechanical Works:

- Rolling and welding of penstock pipes - **70% completed**
- Blasting and painting of penstock pipes - **59% 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**
- Manufacturing of turbine housing, distribution pipe, nozzle assembly and PH EOT Crane almost completed



7. Outlet gate embedded part installation at Headpond.



8. Penstock pipe installation at site

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