

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	70%
Intake, Gravel Trap and Flushing	99%
Approach Culvert	100%
Settling Basin	96%
Headrace Culvert	25%
Powerhouse	75%



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



2. Settling basin and headpond nearly at completion phase



3. Powerhouse works on progress.

Civil-Under Ground Works	% Completion with respect to excavation
Headrace Tunnel	77%
Penstock Tunnel (Inclined Section)	100%
Penstock Tunnel (Vertical Section)	74%
Adit Tunnels	100%
Surge Tunnel	100%

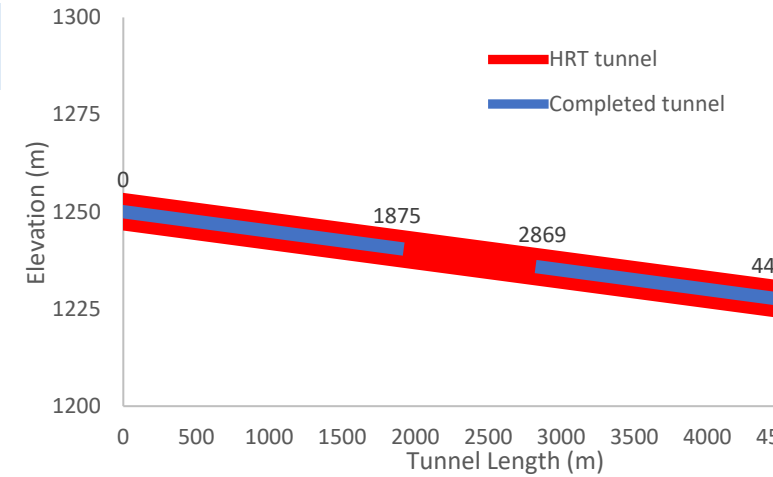


Figure 4. Headrace tunnel progress

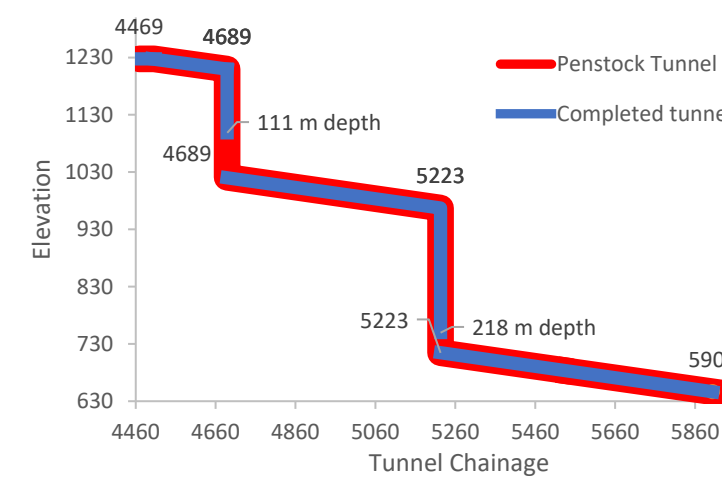


Figure 5. Penstock tunnel



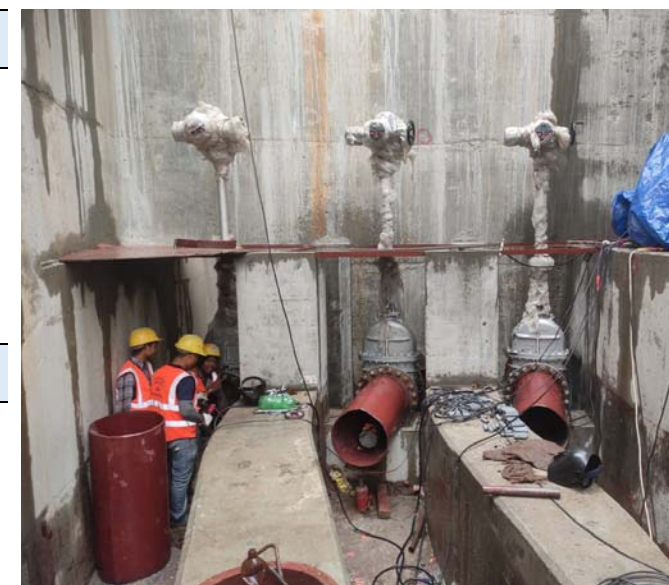
6. Technical team at Rock trap

Hydro-Mechanical Works:

- Rolling and welding of penstock pipes - **84% completed**
- Blasting and painting of penstock pipes - **68% 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 has completed and started transportation to site.



7. Installation of Gravel flushing valve and pipe



8. Electromechanical parts delivered to site

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