

Progress Report of SKDKHEP

Project	: Solu Khola (Dudh Koshi) Hydroelectric Project (86 MW)	HM Contractor (Lot 2)	: Machhapuchhre Metal and Machinery Works (P). Ltd.
Employer	: Sahas Urja Ltd.	EM Contractor (Lot2)	: Voith Hydro Pvt. Ltd.
Engineer	: Hydro-Consult Engineering Ltd.	Auxiliary Civil works (Lot3)	: Gaura Construction Pvt. Ltd.
Civil Contractor (Lot1)	: CE Construction Pvt. Ltd.	TRL Contractor (Lot4)	: Gaura Construction Pvt. Ltd.

Civil-Surface Works	% Completion
Weir, Under sluice and Stilling Basin	100%
Intake, Gravel Trap and Flushing	100%
Approach Culvert	100%
Settling Basin	100%
Headrace Culvert	100%
Powerhouse	99%



Figure 1. Headworks view



Figure 2. Powerhouse view



Figure 3. Hoisting cover fixing of bedload sluice stoplog

Civil-Under Ground Works	% Completion
Headrace Tunnel	100%
Penstock Tunnel	100%
Surge Tunnel	100%
Adit Tunnels	100%



Figure 4. Adit tunnel portal work



Figure 5. Kholsi protection work



Figure 6. Switchyard area

Hydro-Mechanical Works:

- Penstock pipe installation - 100% Completed
- Steel lining at Headworks - 100% Completed
- Installation of Gates - 100% Completed

Electro-Mechanical Works

- Testing of individual components at switchyard and substation – Completed
- Commissioning started and connected to national grid – Completed
- Overall Electro-Mechanical progress – 100% Completed

Other Activities

- Transmission line work- all 31 towers foundation and tower erection work has been completed, 100% of conductor stringing work is completed.
- Peripheral work like fencing, kholsi protection work and landscaping work – Ongoing
- Commercial Operation Date started from 1<sup>st</sup> March 2023
- Inauguration of the project done on 7<sup>th</sup> March 2023



Figure 7. Inauguration by Rt. Hon'ble Prime-Minister



Figure 8. Rt. Hon'ble Prime-Minister addressing in the program

**Note:** The Reporting period is till March end 2023. The latest site photos are updated on timely basis in the Gallery section of our website.