## **Progress Report of SKDKHEP**

: Solu Khola (Dudh Koshi) Hydroelectric Project (86 MW) **Project** 

**%** Completion

100%

100%

100%

100%

100%

95%

1. Headworks view

**Employer** : Sahas Urja Ltd.

**Civil-Surface Works** 

Weir, Undersluice and Stilling Basin

Intake, Gravel Trap and Flushing

Approach Culvert

**Settling Basin** 

Powerhouse

Headrace Culvert

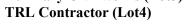
**Engineer** : Hydro-Consult Engineering Ltd. Civil Contractor (Lot1): CE Construction Pvt. Ltd.

HM Contractor (Lot 2) **EM Contractor (Lot2) Auxiliary Civil works (Lot3)**  : Machhapuchhre Metal and Machinery Works (P). Ltd.

: Voith Hydro Pvt. Ltd.

: Gaura Construction Pvt. Ltd. : Gaura Construction Pvt. Ltd.

Trummary Civil Works (20
TRL Contractor (Lot4)





2. Settling basin area



Figure 3. Valve chamber area

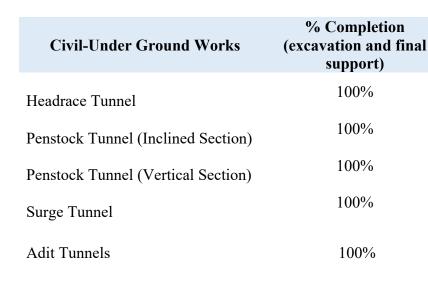




Figure 4. TRCM installation at intake area



Figure 5. Conductor laying



Figure 6. Switchyard nearly ready for testing and charging

## **Hydro-Mechanical Works:**

100% Completed • Penstock pipe installation Steel lining at Headworks 100% Completed Embedded parts of Gates 100% Completed Installation of Gates 95.5% Completed Transportation of Plates 100% Completed

## **Electro-Mechanical Works**

PH EOT and PPV EOT Crane installation at site - Completed Installation of generator rotor and turbine Completed Testing of individual components at switchyard and substation Ongoing Cable laying and testing work at interconnection bay Ongoing Turbine spinning of all three units for testing Ongoing • Overall Electro-Mechanical progress 94% Completed



Figure 7. NEA MD and team at Lamanne Substation for monitoring the work progress



Figure 8. Puja during turbine spinning event

## **Other Activities**

- Transmission line work- all 31 towers foundation and tower erection work has been completed, 95% of conductor stringing work is completed.
- Switchyard work and Inter-connection bay at Tingla work- Complete
- Preparation for overall testing of the project ongoing.

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