

Nam Phay Dam image below:



Nam Phay Powerhouse below:



Nam Phay HPP intake structure below:



Commercial operation for the Nam Phay Hydropower Project began Nov. 2017 under a 25 year concession agreement with Lao PDR government.

Nam Phay hydropower project is located in Longchaeng district of Xaysomboun province. The project is a medium-scale inter-basin diversion project. The dam site is located in a valley upstream of the Nam Phay (river), a tributary of the Nam Ngum (river).

The total investment of the project is about US \$218 million. China-based Norinco International Cooperation Ltd. (Norinco) owns 85% of the project and Electricite du Lao (EDL) owns the remaining 15%.

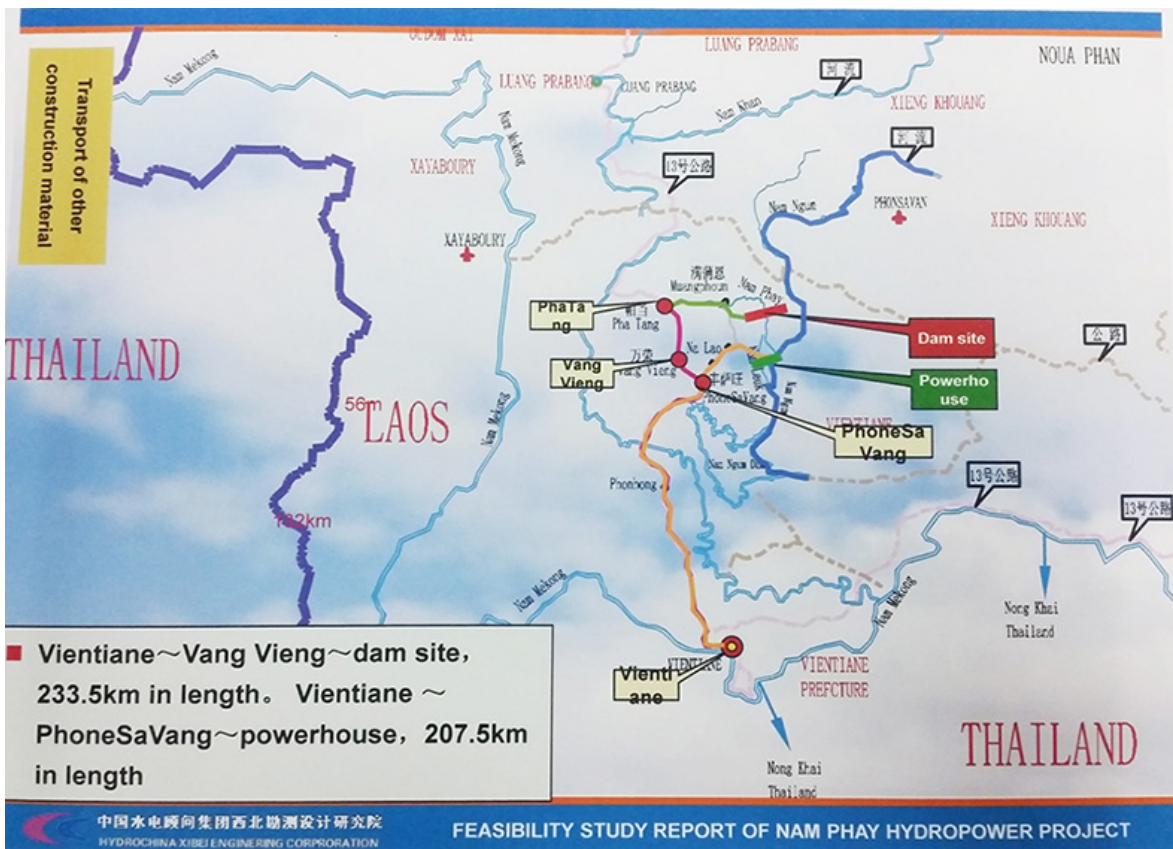
Nam Phay Power Company Ltd. is responsible for construction and will operate the project. The project contractor is PowerChina Resources Ltd, a branch of Power Construction Corporation of China.

The Nam Phay Hydropower Project is an interbasin diversion project with a 700 meter head. It includes a concrete-face rock-filled dam that impounds Nam Phay River creating a reservoir with a surface area of 8.92 sq km.

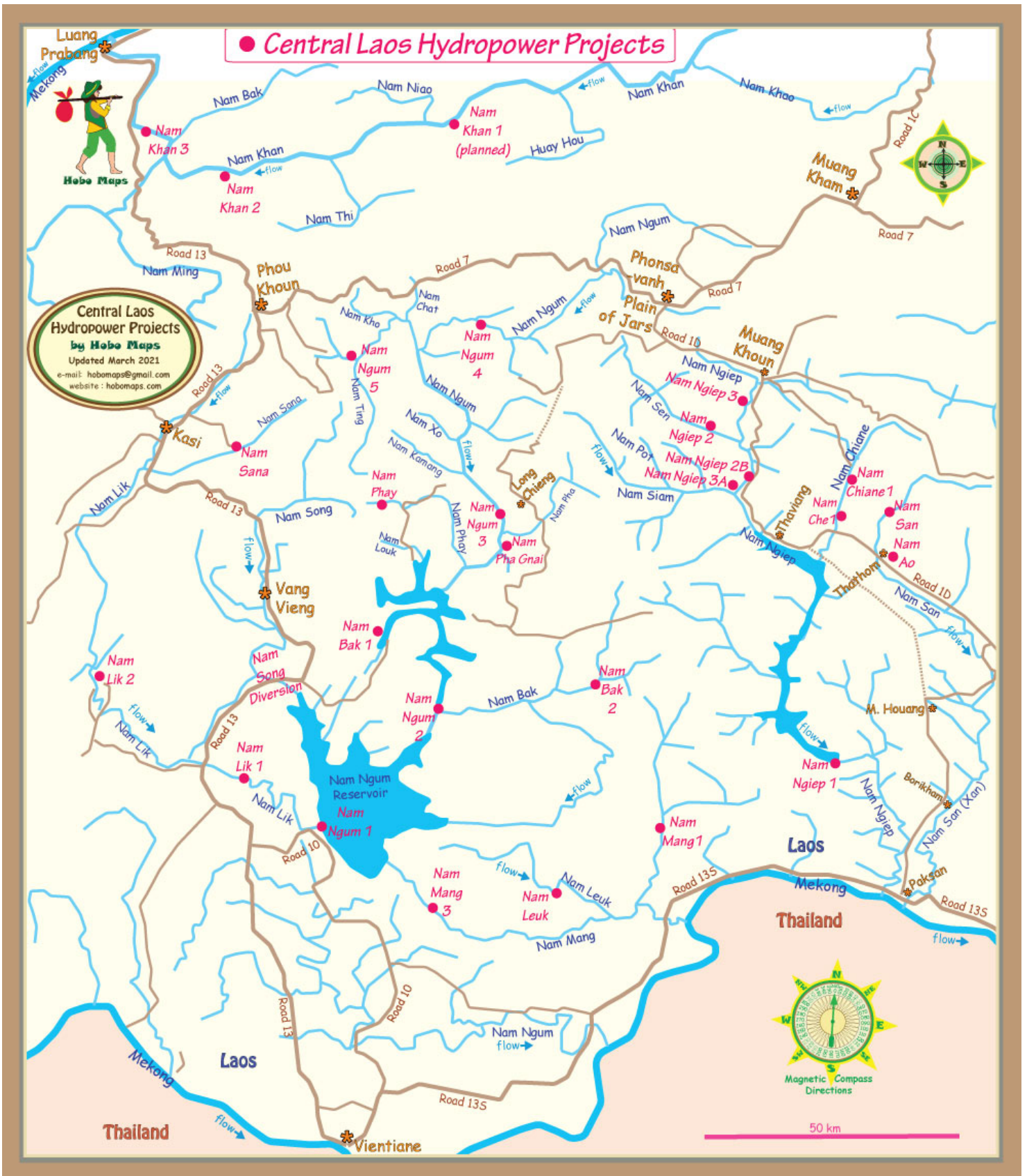
The powerhouse is located on the right bank of Nam Louk (river) and contains two 43 MW Pelton turbines (86 MW total) that send power through a 115-kV transmission line to Thongkhoun II substation. Its projected annual power output is 419 GWh.

All the electricity produced will be sold to EDL for distribution to Xaysomboun and Xieng Khuang provinces.

Nam Phay Hydropower Project sites shown in map below:



Nam Phay dam shown in central part of map below - the Powerhouse is below it on Nam Louk:



Nam Phay Dam reservoir shown on satellite image below:

