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### WHAT WE DO

#### HYDROPOWER PROJECTS

- NAM NGUM 2
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### NAM BAK 1

The Nam Bak 1 dam will be located in Vientiane Province. It will be built on the Nam Bak River, which is one of the main tributaries of Nam Ngum, joining with it about 1.5 kilometers downstream of the Nam Ngum 2 dam.

Once completed, the Nam Bak 1 will have an installed capacity of 160 megawatts and will be able to produce electricity of up to 744 GWh annually.

The dam will cover a catchment area of approximately 597 km<sup>2</sup>, will be 85 meters high and have a volume of 250 million meters<sup>3</sup>.

Additionally, the Nam Bak 1 dam is expected to have the added benefit of increasing the electricity output of the Nam Ngum 2 dam by draining more water from the Nam Bak into the Nam Ngum River.

Construction is expected to commence by the end of 2014 and will be completed within three years.

#### FAST FACTS:

Name	Nam Bak 1 Hydro Power Project
Technology	Hydro Power Plant
Capacity	160 MW
Annual Production	744 GWh
Power Purchase Agreement	TBD
Location	90 km. north of Vientiane