



DELIVERING SOLUTIONS



The NG Dam, 480 m wide and 65 m high, has created the NG Reservoir, which stores the rains that fall in the area from May-October each year. The dam has five gates that are opened only to discharge water to avoid flood events during the wet season. In normal operation the dam releases water through the NG Powerhouse, which generates up to 60 MW of electricity for domestic supply to Electricité du Laos (EDL). From the NG Powerhouse the water flows into the Nam Theun and down to the original Theun-Hinboun (TH) Dam. This has been modified to take more water than before from the Nam Theun: a new intake and tunnel system channel water to an expanded TH Powerhouse, 240 m below in the Khounkham valley. There a new 220-MW Francis Unit generator operates alongside the existing two 110-MW turbines.

- [V-NOTCH and Flow Meters](#)
([/products/piezometers/item/v-notch-and-flow-meters.html](#)).
- [Casagrande and standpipe piezometers](#)
([/products/piezometers/item/casagrande-and-standpipe-piezometers.html](#)).
- [Water level meters, Staff gauges](#)
([/products/piezometers/item/water-level-meters-staff-gauges.html](#)).

FR (/fr/) | DE (/de/) | ES (/es/) | EN
(/projects/geographical-areas/asia-and-
oceania-projects/item/nam-gnouang-
dam.html) | IT (/it/)

schedule and within budget. Both new
powerhouses were commissioned in late
2012 and the project was inaugurated
January 2013. The total combined

generating capacity of DHPG now stands at
500 MW, with much of the water from the
new reservoir being used to generate power
twice. (L)

Source: <http://www.thpclaos.com/>

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inverted
Pendulum

(/product/pendulums/item/direct-
and-inverted-
pendulum.html).



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