Report on Water Management of Nam Ngum 1 Hydropower plant



According to the announcement from the Department of Meteorology and Hydrology, they have issued a warning that Tropical Storm Matmo (the 21st storm of 2025) is moving in!

Storm path: It is expected to make landfall along the central coast of Vietnam between October 5-6, 2025, and then weaken into a strong low-pressure system covering the northern region of Laos.

Impacts: Between October 3-7, 2025, there will be heavy to very heavy rainfall with strong winds in some areas across all regions.

EDL Generation Public Company (EDL-Gen), On October 3, 2025, announces that water management has been adjusted, increasing the water discharge from Nam Ngum 1 reservoir to maintain safety for all sectors, following technical procedures, because water levels in the Nam Ngum 1 reservoir have risen.

Effect of the increased discharge:

- Increased discharge volume: The total outflow from the Nam Ngum 1 Hydropower Plant will rise to 953 m3/s.
- Impact on downstream areas:
  - Measurement point at Ban Choum: very close to the warning level, only 0.10 m below.
  - Measurement point at Thalad: still 1.30 m below the flood level (13.60 m).
  - Measurement point at Ban Pakkhayoung: still 1.72 m below the flood level (12 m).

The current situation carries high risks both from dam discharge and the effects of Tropical Storm Matmo, which may cause flash floods, landslides, and widespread flooding.

Therefore, we would like to require that:

1. Residents along the Nam Ngum River: Must stay alert and immediately move belongings to higher ground.
2. Residents nationwide: Please continue to follow weather forecasts from the Department of Meteorology and Hydrology closely.

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