

Project of common interest:

4.6

COUNTRIES INVOLVED

Estonia (EE)

PROJECT PROMOTERS

Energia sa lvPakri OÜ (EE)

LOCATION

Paldiski (EE)

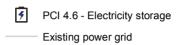
COMMISSIONING DATE

2027

Electricity interconnection

Baltic Energy Market Interconnection Plan in electricity







 $Source: \ PLATTS, \ GISCO, \ European \ Commission$

Definition

4.6 - Hydro-pumped storage in Estonia

Type of technology employed

Estonian Hydro-pumped storage of 500 MW and storage capacity of 6 GWh . Technically feasible as there is enough water column in Ribaroja's reservoir, independently of the alternation of dry/wet years, with enough backpressure in pumps. This storage project of Estonia enables saving in generation capacity of 16 - 20 Meuro/year. Ideal for future offshore wind farm projects associated to the Zèfir Project, allowing the energy denuclearization of the area.

Implementation status

Permitting