

Project of common interest:

4.7

Electricity interconnection

Baltic Energy Market Interconnection Plan in electricity

COUNTRIES INVOLVED

Lithuania (LT)

PROJECT PROMOTERS

Lietuvos Energija (LT)

BASIC TECHNICAL DATA

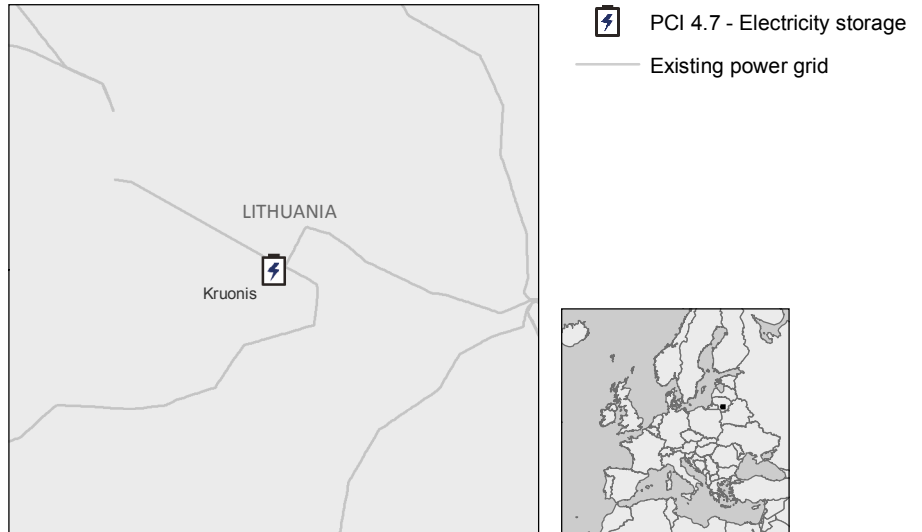
Capacity: 900 MW

LOCATION

Kruonis (LT)

COMMISSIONING DATE

2022-2023



Source: PLATTS, GISCO, European Commission

Definition

4.7 - Capacity increase of hydro-pumped electricity storage in Lithuania — Kruonis (LT)

Type of technology employed

Installation of a new 225 MW variable speed (asynchronous) unit in Hydro-pumped storage in Kruonis with current installed capacity of 900 MW (4 units of 225 MW each). Existing units have 74% of cycle efficiency in maximum power output and can operate in the range of 160–225 MW in generation mode but have no flexibility in pump mode. The new unit will have pump mode ranging from 110 to 225 MW and the cycle efficiency of up to 78%.

Implementation status

Under consideration