

INFRASTRUCTURE CASE STUDY

GLENMUCKLOCH PUMPED STORAGE HYDRO

In February 2022, FEIP agreed to acquire¹ the total shareholding of a co-located Pumped Storage Hydro and Wind project in Argyle and Bute, Scotland.

Pumped storage hydro generates energy by allowing water to flow from a higher reservoir to a lower reservoir through turbines. Water is then pumped back to the higher reservoir at times of excess energy production, lower demand and lower prices. The system effectively acts as a long-duration store of energy, since power can be released as needed.

The Glenmuckloch project will have generating capacity of 210MW and storage capacity of 1,600MWh and also includes 33.6MW of wind generating capacity.

We anticipate the wind project will take two years to build and the total project will take five years to complete. The expected lifespan of the asset is up to 100 years, making it truly long-term infrastructure.

210MW
generating capacity

1,600MWh
storage capacity



1. Subject to conditions being satisfied.