

Jura - Tayvallich submarine cable

August 2020

A fault occurred on the submarine cable connecting Tayvallich (mainland) to Jura on Wednesday 20 November 2019. This cable delivers power to Jura, Islay and Colonsay.

Our fault response and contingency measures were initiated to restore supplies to all customers as quickly as possible. Bowmore Power Station was blackstarted and we commenced with the use of our first CMZ (constraint management zone) at Inver Hydro on Jura, both of which provided power to all 3 islands until the cable was replaced.

A decision was made for full replacement of the cable due to the relatively short length of the crossing and fault location. We entered in to a process of obtaining the necessary permissions and licences which were granted on the 24th January 2020.

Due to challenging weather conditions including Storm Ciara and Storm Dennis, bringing high winds and lightning to western areas, we experienced a series of faults on our network which caused the power station to trip, temporarily interrupting supplies.

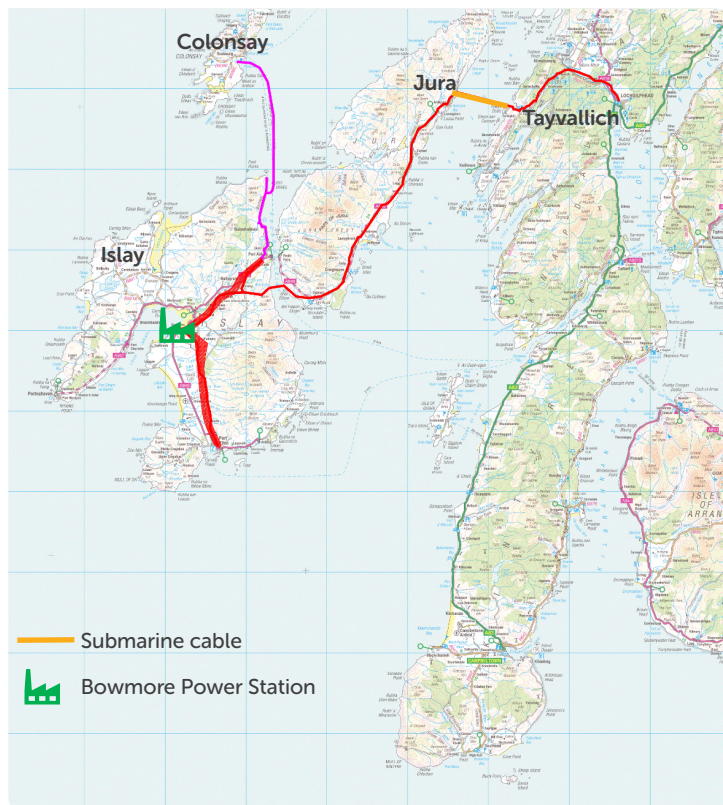
The vessel remained on standby and was mobilised at first light on Wednesday 25 March to commence installation, with SSEN's regional teams making final connections to energise the cable on Tuesday 31 March.

Updates were communicated directly via email from Samantha O'Connor (Regional Customer Relationship Manager) to resilience partners, elected members, stakeholders and community members.

Statements were also sent to local media and published on social media

Follow our regional twitter account at: twitter.com/SSEN_SouthCal

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Key activities and dates in Jura, Islay and Colonsay

May 2019

Hosted information events for Islay-Jura reinforcement

October 2019

Works commenced for the Jura drophead replacement works

November 2019

Cable fault occurred
PLPC clear Jura beach following news article about deer getting caught in plastic
Radio training on Islay and Jura

January 2020

Marine licence granted

March 2020

Replacement and energisation of cable