

The Inverness Castle Experience

Tourist Attraction - Inverness, Scotland

The Inverness Castle Experience saw the transformation of the Category A listed Inverness Castle, previously the home of the Sheriff Court, into a landmark visitor attraction. Delivered as part of the Inverness and Highland City-Region Deal, the project comprised the redevelopment of the castle's two nineteenth-century towers together with a new entrance building, opening to the public in 2025. The associated Inverness Castle Sustainable Energy Centre was supported through the Levelling Up Fund.

Ri Cruden were proud to deliver the mechanical works throughout, across both the castle itself and the associated Inverness Castle Sustainable Energy Centre, including heating, ventilation and domestic hot water services, with modern plant and distribution integrated carefully within the constraints of the historic destination.

The Works

Inverness Castle: Mechanical Package

Full mechanical package covering domestic services, drainage, heating and ventilation, comprising:

- Mechanical plant room installation, fed from the Sustainable Energy Centre, serving the Castle's heating: 94 radiators, 4 finned-tube heaters and 2 underfloor heating manifolds.
- Point-of-use water heaters throughout, supplying domestic hot water.
- Full BMS installation, controlling and monitoring the mechanical plant and building.
- 2 heat recovery units (HRUs), including all associated ductwork.
- New extract and supply fans, maintaining air quality in the public spaces.
- All sanitary appliances, including WCs, basins, accessible WCs and a Dolphin Wash Wall system.
- Acoustic drainage serving all appliances.

Inverness Castle Sustainable Energy Centre: Mechanical Package

Full mechanical package comprising:

- 11 Mitsubishi CAVH-P500YB air source heat pumps with acoustic hoods.
- 3 thermal stores, 4,000 litres each.
- Full BMS linked to both Inverness Castle and Inverness Town House.
- District heating lines feeding both Inverness Castle and Inverness Town House.
- Heat import and export capability to and from the Inverness Town House plant room.

Client : Bancon Construction

Year : 2025 | **Project Value:** £2.4m

