

RaaS - Resilience as a Service Work Packages & Project Deliverables



Scottish & Southern
Electricity Networks

Work Packages

Work Package	Title	Lead Project Partner
WP1	Project Coordination	Costain
WP2	Front End Engineering Design	E.ON
WP3	Detailed Design	E.ON
WP4	Planning for Operational Commercial Optimisation	E.ON
WP5	Business Model	E.ON
WP6	Supply Chain Engagement	Costain
WP7	Demonstration Site Construction & Operation	SSEN
WP8	Dissemination	Costain

Selected Trial Site - Drynoch

Phase 1

assess technical
feasibility &
financial viability



stage gate decision



Phase 2

demonstration at
Drynoch primary
substation on the
west coast of Skye



Project Deliverables - Ofgem Project Direction - 1/2

PD1 Site Selection & FEED

- Report detailing the selected site for demonstration and proposed Use Case(s) for the RaaS demonstration
- External peer review of FEED

PD2 Detailed Design

- Detailed design of controls, electrical integration, available DER and the BESS complete
- Publish Trial Programme on SSEN RaaS webpage

PD3 Business Model

- Construct investment business case for RaaS supplier
- Produce draft Heads of Terms for RaaS method

PD4 Stage Gate Evaluation

- Stakeholder feedback event to disseminate and gather feedback on outputs
- Evidence provided to Project Steering Board to inform Stage Gate decision

Project Deliverables - Ofgem Project Direction - 2/2

PD5 Supply Chain Engagement

- Publish Commercial Strategy on SSEN RaaS webpage
- Present Enterprise Design for RaaS on SSEN website

PD6 Interface & Configuration

- Produce interface and configuration specifications and commissioning reports

PD8 BAU Preparation - second site

- Technical design to support second demonstration site
- Consultation with potential RaaS market for second demonstration site

PD7 Demonstration Site Analysis

- Publish Demonstration analysis results on SSEN RaaS webpage covering both technical and commercial aspects
- Stakeholder dissemination event showcasing learnings

PD9 Dissemination - ongoing

- inc. conferences, Project Progress Reports & Closedown Report