



## Barkip AD Plant

Design



Build



Operate

### Client

SSE

### Location

SW Scotland

### Contract Value

£20M

### Awarded

August 2009

### Overview

Zebec was commissioned to design, build and operate Scotland's largest AD Plant.

- **2.2MW** of electrical energy.
- **75,000 tonnes** of food and agricultural waste.

### Services

- Business Development
- Project Management
- Initial Feasibility Study
- Technical Specification
- Procurement
- HAZOP Risk Assessments
- Staffing and Operations
- PAS 110 Digestate Management

### Project

Zebec was commissioned to design, build and operate SSE's Barkip AD Plant in Beith, Scotland. The project began in 2009, with the first intake of feedstock in August 2011. The Plant generates 2.2MW which is exported to grid; and produces 70k tonnes of PAS 110 digestate fertiliser.

Both Zebec and the plant have been industry recognised through a number of awards, including the IChemE Best Energy Plant Award in 2012 and the ADBA Award for Digestate Management in 2013.

### Benefits

- Zebec provided the full turnkey role of project developer, project manager and facility operators.
- Managed the permit, accreditations and approvals for the Client.
- Trained the operations team before handing over control to the Client.

*"An impressive facility delivering designed outputs and meeting industry best practice in all areas."*

