



Activation Energy Market Integration Workshop October 2013

ACTIVATIONENERGY

About Activation Energy

- *Established in 2006, pioneer in Demand Response in Ireland*
- First Demand Side Unit (DSU) in Republic of Ireland
- Largest Demand Side Unit Operator in Ireland
- Contracted to Eirgrid & Licenced by Commission for Energy Regulation (CER)
- Member of Trade & Settlements Code Modifications Committee and Grid Code Review Panel

ACTIVATION ENERGY

Demand Side Unit (DSU)

- Bid into the market like generators
- Dispatched to reduce at peak prices
- Flexible loads which can reduce demand
- Diesel Generators to supply own site
- Paid Capacity Payment, not paid Energy Payment (instead avoid peak prices)

Activation Energy Current Operations

- Currently Managing 38MW
- 12 MW in test
- 10 MW waiting to be tested
- 50% sites with flexible loads which can reduce demand
- 50% sites with Diesel Generators who can switch supply

Future of Demand Side Management

- Dispatchable Decreased/Increased Demand
 - Market Mechanism?
- System Reserve, Frequency Response, Ramping
 - Ancillary Services?
- Market Price Following
 - Day Ahead Pricing / Forward Pricing?

Related Issues

- System Operator acceptance
- Workability of rules
- Price security
- Term security



Thank You...

Activation Energy

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