

# Treatment of Small, Renewable and Low Carbon Generators outside the Group Processing Approach

Presentation to Meitheal na Gaoithe

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# Issues

- No criteria for “public interest” defined
- No streamlined or transparent process



# Public Interest

- Criteria assessed against CER legislation
  - Promote continuity, security & quality of supply
  - Promote renewable, sustainable or alternative forms of energy
  - Protection of environment
  - Promote competition
- Overall:
  - Act in interest of final customers
  - Not discriminate unfairly

# Proposed Criteria

- Security of Supply
  - Diversity of Fuel Mix
  - Predictability / Support
  - Environment Benefits
  - Experimental /Research



# Classes of Technology

- Autoproducers
- Biomass Fuel
- CHP
- Hydro
- Solar
- Geothermal
- Ocean
- Experimental



# Shallow Options

- Option 1: not consider interactions with generators ahead in the GPA queue;



# Shallow Options

- Option 2: consider interactions;
  - If no interaction  $\Rightarrow$  application gets processed
  - If interaction  $\Rightarrow$  party either “buys out interaction” or remain in the GPA queue



# Shallow Options

- Option 3: hybrid of Options 1 and 2;
- Generators with MEC:
  - less than or equal to ( $\leq$ )1MW processed under option 1
  - greater than ( $>$ )1MW are processed under option 2.



# Shallow Options

- Option 4. Similar to Option 3;
- Generators with an MEC:
  - less than or equal to ( $\leq$ ) 1MW processed under option 1
  - greater than ( $>$ ) 1MW are processed on a case by case basis



# Deep Connections

- Deep Reinforcement / Firm Access
  - Not applicable to autonomous generators
    - But does impact others in the queue
  - Not subject to dispatch, therefore no constraint payments
  - Receive “deep date” from Incremental Transfer Capacity (ITC) model



# Small Conventionals

- $MEC \leq 5MW$
- If no interaction then process outside GPA  
(no change to current process)
- If interaction then process after the  
interacting generator receives offer

# Other Issues

- Small Scale Generation
  - $\leq 11\text{kW}$  – no change to existing arrangements
  - $> 11\text{kW}$  but  $< 30\text{kW}$  – no interaction studies, automatically processed outside GPA
  - Propose to increase this limit to  $50\text{kW}$



# DSO Proposal for Interactions

- Screening interaction study is first carried out – addition to existing process
  - MEC Banding proposed
  - If applicants are in different MEC band then deemed not to interact
  - If applicants are in same MEC band then a more detailed interaction study is carried out

# Consultation Responses

- Weighting of classes of technology
- Respondents leaning towards Option 1, or 4
- Proposal for “Option 5” for wind autoproducers



# Next Steps

- Consultation closed 30<sup>th</sup> April
- Currently reviewing responses
- Decision expected in June
  - Depending on issues raised, complexity, controversial



Thank you for your attention and invitation

