

# TRA data gathering exercise

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CAP 149

15<sup>th</sup> August

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# Size & scope of the TRA population

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- ◆ Around 700 generators with existing and future agreements
  - ◆ A sample of 300 were examined
  - ◆ An estimated 40% have TRAs
- ◆ Location
  - ◆ 2% NGET
  - ◆ 21% SHETL
  - ◆ 77% SPTL
- ◆ Root causes for TRAs
  - ◆ 78% single circuit
  - ◆ 7% single busbar
  - ◆ 5% 'wider' infrastructure
  - ◆ 5% transmission assets at DNO interface
  - ◆ 3% spur transformer capacity
  - ◆ 2% fault ratings

# Size & scope of the TRA population

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- ◆ Connection voltage (includes offshore)
  - ◆ 39% 132kV
  - ◆ 61% 33kV
- ◆ Commercial Agreement type
  - ◆ 2% BEGA
  - ◆ 98% BCA
- ◆ Size – Average size 110MW
  - ◆ <50MW : 31 Users
  - ◆ 50-100MW: 60 Users
  - ◆ >100MW : 38 Users
- ◆ Vast majority wind
- ◆ 50% future connections 50% existing