Community Action Team Meeting

Chairman
Cllr Arthur Mandry
IFA2 Planning Application Introduction

Councillor Seán Woodward
Executive Leader
Fareham Borough Council
• What is IFA2 & how does it work?
• Consultation undertaken by National Grid (NG)
• The planning application
• Environmental Impact Assessment – key topics
• Public Consultation
• What happens next
What is IFA2?

- IFA2 (Interconnexion France-Angleterre 2)
- Electricity interconnector
- Connect electricity transmission systems of UK and France
- Share power
How does IFA2 work?

- Over 100 miles of undersea cables
- Converter station at each end
- Changes direct current (DC) to alternating current (AC)
- Substation then connects to National Grid
Pre-application Consultation

- NG held two consultation events - one in December 2015 and one in March this year

- Approximately 450 people attended the December events

- Approximately 680 people attended the March events

- 22,000 invitations were sent out for each event
Split across two sites:

- Daedalus
- Chilling
- On-shore elements only
The Planning Application

- Outline planning permission is sought at Daedalus for:
  - Converter station buildings (to a maximum height of 22 metres)
  - Creation of public open space
The Planning Application

- Full Planning permission is sought at Hill Head and Stubbington for:
  - The installation of cables between Mean Low Water Springs and the converter station
Full Planning Permission is sought at Chilling for:

The Installation of cables between the Mean Low Water Springs and the existing cable sealing end compound at Chilling Lane
Environmental Impact

- EIA – Environmental Impact Assessment
- Assesses significant Environmental Impacts
- Environmental Statement to support the application
Environmental Impact

• Many topics also raised as issues in NG consultation feedback

• Environmental Statement – 20 Chapters

• Technical appendices and figures

• Non-Technical Summary
Some key issues include:

- Visual appearance of the Converter Station
- Location of the Converter Station
- Noise and Electric & Magnetic Fields
- Impact on aircraft / airfield operations
Converter Station

- Up to 22m high
- Family of buildings
- Building design
- Landscape mitigation
- The outline planning permission
View from Brune Lane

Existing View

Proposed on completion
View from Gosport Rd

Existing View

Proposed on completion

A - Existing view
Existing view looking south from the Peal Common Roundabout

B - Proposed on completion (at 0 years)
Existing view looking south from the Peal Common Roundabout
Proposal on completion with planting – year 0

Proposal on completion with planting – year 15
Outline planning permission
Converter Station Location

- Converter Station location driven by:
  - Connection point to the Grid
  - Different connection points assessed:
    - Dorset to East Sussex
    - Chilling chosen as connection point

Existing National Grid Network and substation sites.
Converter Station Location

- Available site search started 2011
- East and west shores of the Solent
- Need commercially available land
- NG considered Daedalus Waterfront first
- Too small for NG operational needs
Converter Station Location

- NG Preferred Site was Chilling:
  - HCC not willing to sell its land
  - NG could have used Compulsory Purchase Order in absence of other options
  - NG rather work with landowners rather than CPO in light of risks, uncertainties and delays
- Fareham concerned at visual impact at Chilling
Converter Station Location

Fawley Power Station:
- Not owned by NG
- Did look there – but site not available
- Site sold for housing/marina development

Existing Cable tunnel from Fawley:
- No capacity for additional cables – no space
- New tunnel would be expensive; and
- Under major shipping channel
Noise

- No noise from underground cables
- Main plant will be enclosed
- External equipment sited and insulated to minimise noise.
- Intended that converter noise will not exceed existing background levels at noise sensitive receptors
Electromagnetic fields (EMF)

- Government advised by Public Health England
- National policies on EMF exposure relating to high voltage infrastructure
- Applicant advises that level of exposure to EMFs will be fully in compliance with national policies and guidance
Airfield Impact

- No adverse effect on aircraft electronic systems
- No adverse effect on Maritime and Coastguard Agency
- Wired communication/ fibre optic cables not affected
- No appreciable effect on mobile telephones
- No appreciable effect on television reception
Airfield Impact

- Some effect possible on aircraft radios (operate on VHF at Daedalus) when taxying close to the convertor building

- Underground cables likely to have some impact on aircraft compasses when taxying close to them
Fareham will consult a number of statutory bodies and others on matters including:

- Noise
- EMFs
- Effect on the operation of the airfield
Public Consultation

- Just over 4,800 letters sent
- Press notice
- Social Media
- Site notices at both locations
Public Consultation

- Comments up to 30 June 2016
- Online:
  - www.fareham.gov.uk/planning
  - P/16/0557/OA
- Email or write:
  - mwyatt@fareham.gov.uk
  - Fareham Borough Council
  - Civic Offices,
  - Civic Way,
  - Fareham,
  - PO16 7AZ
What next?

- Public chance to comment
- Planning application likely to be decided by the Planning Committee in September 2016
Questions?