

# CONSTRUCTION PRESENTATION TO JACKS LANE COMMUNITY LIAISON GROUP

DECEMBER 2013



## CONSTRUCTION TEAM:

PAUL NICOLSON  
CONSTRUCTION PROJECT MANAGER, RES UK & IRELAND

GARY SCROWTHER  
CONSTRUCTION SITE MANAGER, RES UK & IRELAND

JAMES DOMINIAK  
CONSTRUCTION ASSISTANT SITE MANAGER, RES UK & IRELAND

BRADLEY BOYD  
HSQE ADVISOR, RES UK & IRELAND

## RES CONSTRUCTION

- Responsible for **safety** in preparation and execution of construction of wind farm projects
- Ensuring **quality** of installation through accurate design, organisation, planning and documentation
- Ensuring protection of the **environment**.
- Manage **programme, budget** and client's specification.
- Management of contracts and contractors to build the construction team on and around site
- Liaise with **public during construction**.

## CIVIL ENGINEERING WORKS

- Design
- Roads Construction
- Wind Turbine & Met Mast Foundations Construction
- Substation Building and Compound Construction
- Crane hardstanding and turbine assembly areas
- Welfare facilities during construction
- Ecology Enhancement



## ELECTRICAL ENGINEERING WORKS

- Design
- Equipment Specifications
- Grid Interface: Substation Equipment
- Wind Farm Network: Cabling
- Earthing
- Communication Network
- Testing, Commissioning and Energisation



## TURBINE WORKS

- Access Study prior to Delivery
- Lifting Plan
- Foundation interface
- Supervision of delivery, erection and pre-commissioning works
- Coordination of energisation
- SCADA Tests
- Turbine Tests
- Snagging Inspections
- Met Mast / Power Performance

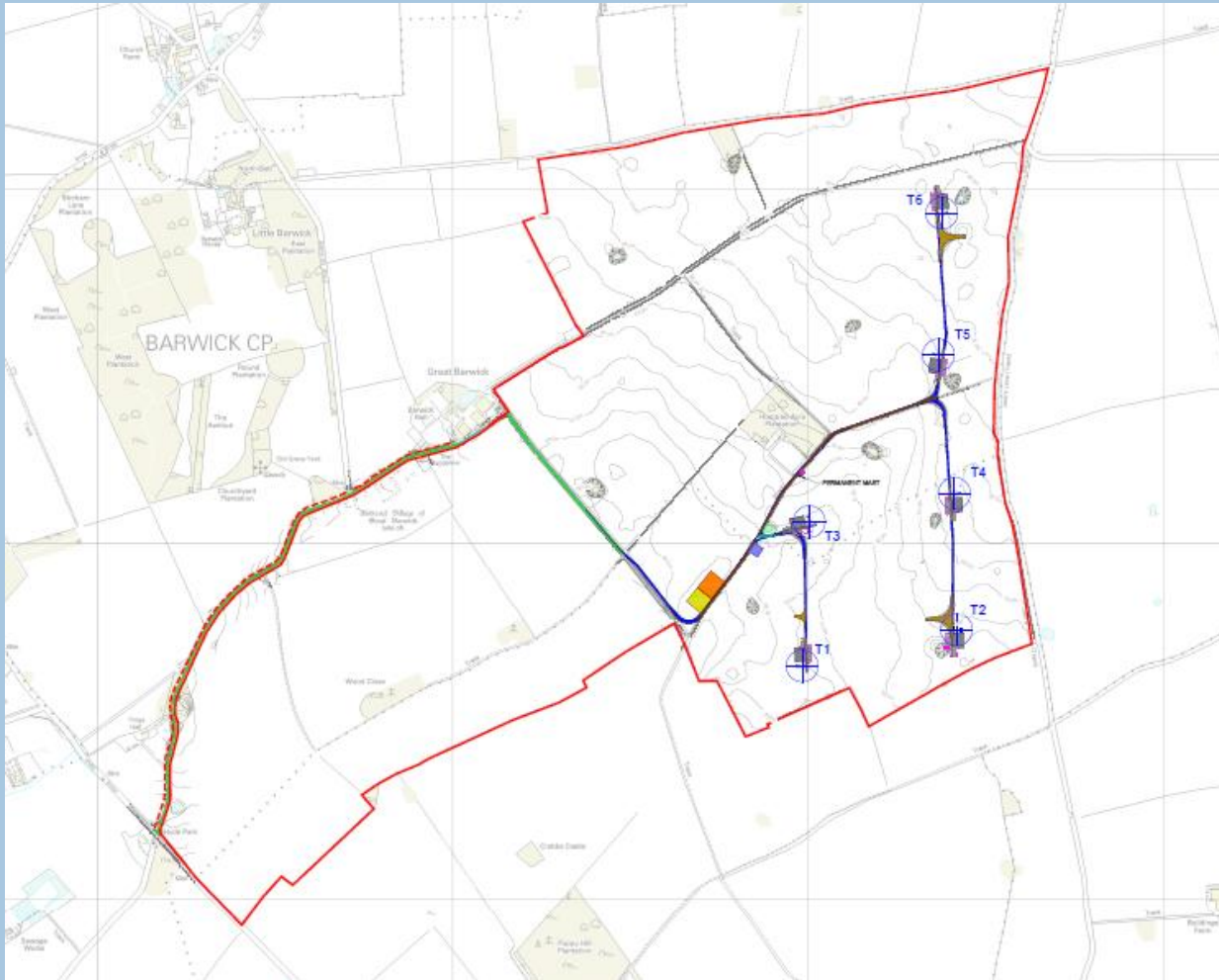


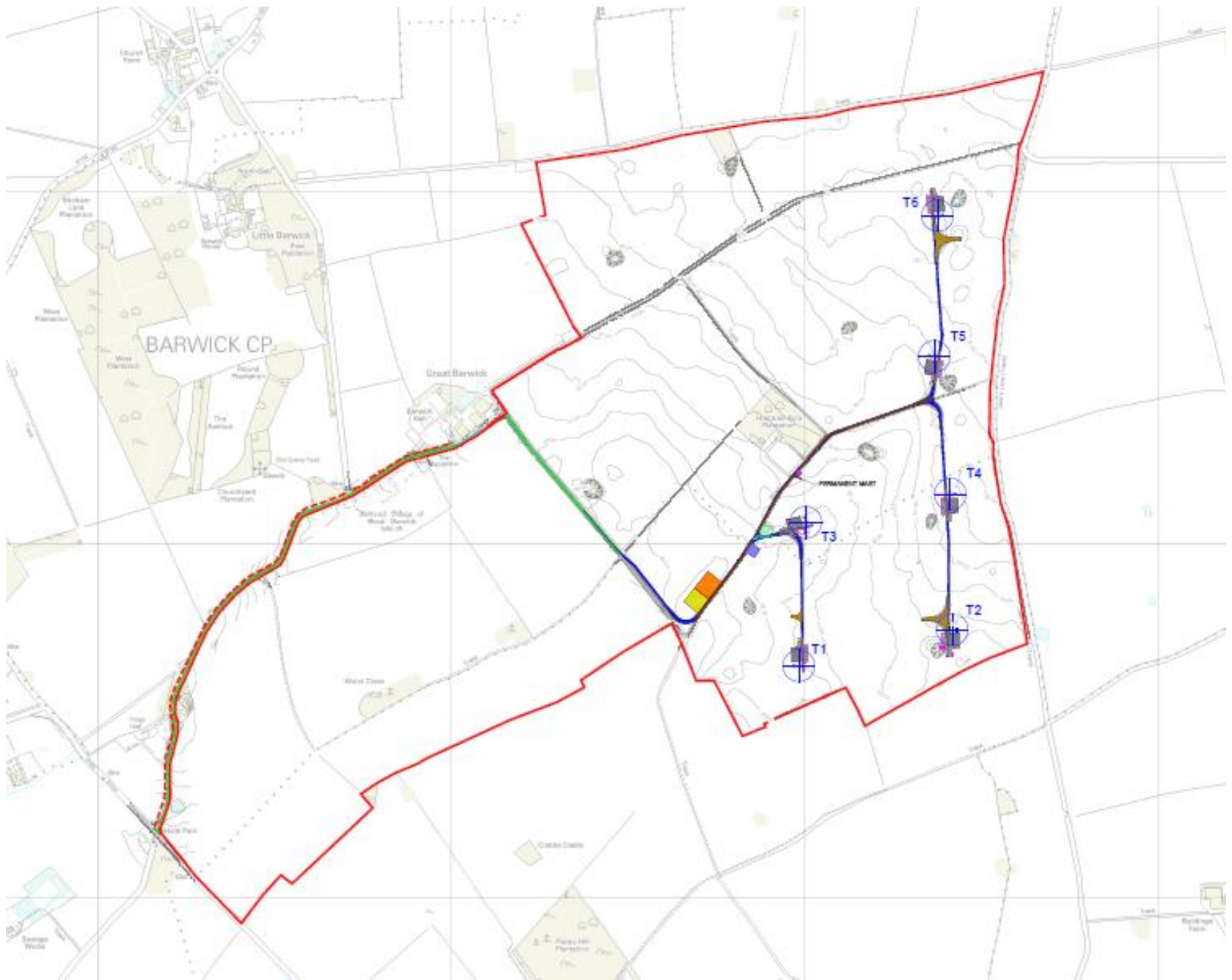
## INDICATIVE CONSTRUCTION MILESTONES

- January 2014 - Site preparation work starts
- May 2014 - Work on turbine foundations begins
- July 2014 - Electrical work begins
- September 2014 - Turbines delivered to site
- Spring 2015 - Electricity generation



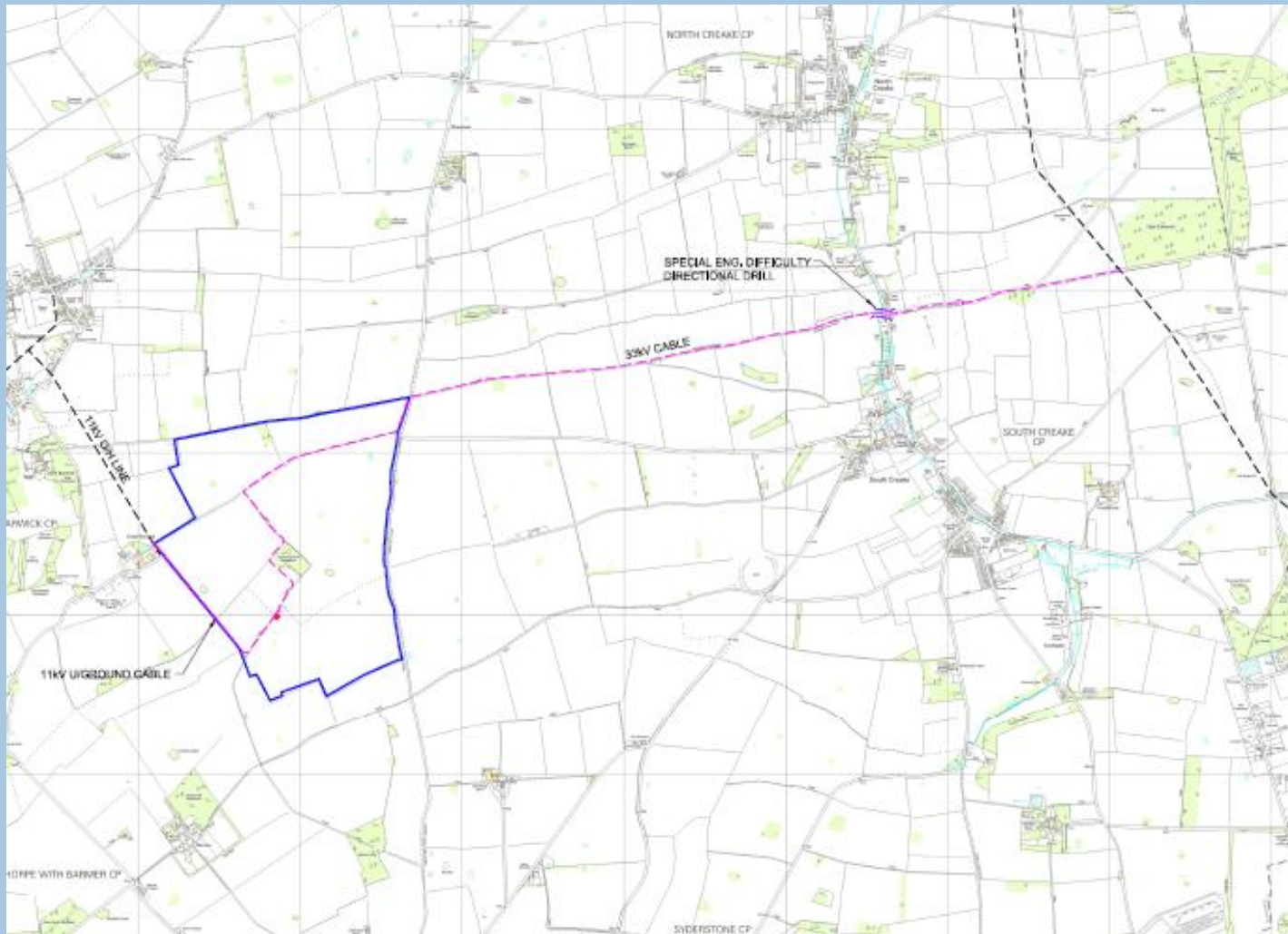
# INFRASTRUCTURE LAYOUT







# GRID ROUTE















CHINE  
CESS  
ONLY









# Wind Turbine Erection Time Lapse



nes

power for good

# Community Benefit

Sam Mayes - Community Relations Coordinator, RES





It will become available once the wind farm is fully operational.

Index linked annual payments will be paid for the 25 year lifetime of the project.

A Fund Panel will be made up of local people.

RES will appoint a Fund Administrator to:

- support the Fund Panel and finalise fund criteria
- handle enquiries from applicants
- process grant offers and payments

## Local Electricity Discount Scheme (LEDS)

LEDS has been developed in response to feedback from local communities and offers residential, community and business properties closest to a proposed RES wind farm a minimum discount of £100 per year off their electricity bills.

Eligible properties will be contacted directly and invited to register their interest in the scheme.

The discounts will be paid directly to the electricity supplier and will commence within the first year that the wind farm becomes operational.

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