

## OPEN LETTER

28 May 2021

**Green Recovery Scheme - £53m investment to support projects across the North East, Yorkshire and northern Lincolnshire.**

Earlier this year, we launched a six-week call to evidence to help secure a share of £300m that was made available nationally for investment in vital electricity networks.

Thanks to the work of our team in identifying suitable locations for investment and the quality of evidence submitted from stakeholders across the North East, Yorkshire and northern Lincolnshire, 14 projects have been selected to benefit from £53m.

The Green Recovery Scheme investment will unlock increased capacity in the local power network and accelerate economic growth. This announcement means we can undertake works more quickly. As a result, green projects in our region will be able to come to fruition faster and bring forward green jobs.

This comes at a very exciting time for the region as we develop clean energy projects at a significant pace.

Investment in our network will enable a range of projects to come forward quicker, including:

- Regeneration and development at the Humber Freeports;
- Large scale solar and wind generation;
- Rapid Electric Vehicle charging on our region's motorways and trunk roads.

We would like to take the opportunity to say thank all our stakeholders who submitted evidence to help us identify where the investment would be best spent.


The rigorous due diligence process led to a shortlist that prioritised locations with evidence underpinning how network investment can be utilised within the next two years to stimulate green economic growth and the post pandemic recovery.

Particular attention was paid to:

- Utilisation (e.g. how much of the capacity might be used in the near term).
- Deliverability (e.g. how quickly infrastructure and solutions could be completed).
- Value for money, including wider societal benefits that can be achieved.

We received a number of evidence submissions for projects and areas that have not been shortlisted as part of the national Green Recovery Scheme. However, we are open to continuing these conversations as future investment opportunities may arise. These conversations will also directly support the longer term, network planning and investment we undertake as part of our RIIO-ED2 business planning process.

Yours sincerely,



Patrick Erwin  
Policy and Markets Director  
Northern Powergrid

Locations across our operating region are set to benefit from green-growth boosting network investment.



Shortlist of projects selected for Green Recovery Scheme investment.

Name and Location	Voltage	Description	Utilisation	Total Cost £m
Local service station upgrades: Alnwick NE66, Darrington WF8, Hexham NE46, Morpeth NE61, Belford NE70	HV	New substation to create additional capacity for demand and generation.	The project specifically targets the future demand projections at local service stations that are currently out of the scope of Project Rapid. Northumberland does not have any motorway service stations therefore the network of smaller operators will be vital as transport electrifies.	£0.6m
Doughty Road Primary Substation Grimsby: Area around Grimsby, DN32	33kV	Replace cables with higher capacity ones to create additional demand and generation capacity.	The project will mitigate for existing network constraints and release the full transformer capacity, supporting development of the Freeport and local economic regeneration.	£0.2m
Durham Junction: Area around A1(M) Junction 61, DH6	20kV	New substation to create additional capacity for demand and generation.	The project specifically targets the future demand projections of Project Rapid and creates capacity near to the local motorway service area.	£3.0m
Epworth Primary Substation: Area around Doncaster, DN9	33kV	Provide a second feeder and transformer to the substation to create additional capacity for demand and generation.	Stakeholder feedback combined with our own planning assumptions highlight a significant growth in demand and economic activity in the region. New capacity will ensure security of supply for existing customers and release significant network capacity for future developments.	£8.2m
Netherlands Way Supply Point Immingham: Wide area around Grimsby and Immingham, DN41	132kV	Add a second circuit to the proposed generation supply point to create additional capacity for demand.	Enhanced connection scheme releasing 120MVA of demand capacity to support economic growth and development of the area, as well as providing additional security of supply for nearby generation.	£3.5m
Scotch Corner Junction: Darlington North	33kV	Replacement of Darlington North 33kV switchboard to enable a future substation at Scotch Corner.	This project is a key enabler for future development at the Scotch Corner Junction and will provide additional fault level headroom for distributed generation in the North Yorkshire region.	£6.5m
Seaham Primary Substation: Area around Seaham, SR7	66kV	New primary substation to create additional capacity for demand and generation.	The project will create capacity to support the economic development of the local area and the Local Authorities decarbonisation plans, produced in conjunction with the Coal Authority who plan to regenerate of a disused colliery site.	£8.5m
Washington Junction: Area around A1(M) Junction 64, DH3	20kV	New substation to create additional capacity for demand and generation.	The project specifically targets the future demand projections of Project Rapid and unlocks capacity for the local motorway service area.	£1.3m
Woodhall Junction: Area around M1 Junction 30-31, S26	66kV	New 66kV feeders energised at HV to create additional capacity for demand and generation.	Delivers a scalable connection for the motorway service area which has the highest projected demand requirements from Project Rapid in the Northern Powergrid region. Investment will enable the full future demand to be realised and solar development of the surrounding areas.	£7.3m

Name and Location	Voltage	Description	Utilisation	Total cost £m
Harrogate 11kV upgrades: Area around Harrogate Town Centre, HG1	11kV	Upgrade parts of the 11kV network to create additional capacity for demand and generation.	Future-proofing against constraints currently affecting the town centre, supporting future demand growth through local development and the decarbonisation of transport, including electric buses.	£1.5m
Newcastle City Centre: Area around Newcastle City Centre, NE1	LV/HV	Increase capacity to support the city's net zero ambitions.	Newcastle City Council declared a climate emergency in April 2019. Working in partnership with the local NHS trust and other key partners they are developing ambitious plans to become carbon neutral by 2030. The project will create capacity to support a range of proposed plans across the city centre including decarbonisation of heat, transport and new generation.	£3.0m
Wetherby Junction: Area around A1(M) Junction 46, LS22	33kV	<del>New primary substation to create additional capacity for demand and generation.</del> Replacement of Bramham 33kV switchboard to enable a future substation at Wetherby.	Enabling future capacity near to Wetherby Services, one of the regions busiest motorway service areas and unlocking potential for solar generation and future development of the surrounding area.	£5.0
York: Area around York City Centre, YO1	LV/HV	Increase capacity to support the city's net zero ambitions.	The natural geography of the historic city of York make supporting decarbonisation a challenge. This project will provide capacity to enable city centre EV charging and ensure additional network resilience from flooding which the city is prone to experiencing.	£1.5m
Net-zero ready substations: Various locations across our operating area	LV	Roll-out of low cost substation monitoring.	A programme of low cost monitoring to support the energy transition and our future vision for net zero ready substations.	£3.0

Total investment: £53.1m