

Riverside Energy Park

Consultation Report Appendices

APPENDIX:

D

PLANNING INSPECTORATE REFERENCE NUMBER:

EN010093

DOCUMENT REFERENCE:

NON-STATUTORY CONSULTATION (MAY 2018)

November 2018 | Revision 0 | APFP Regulation 5(2)(q)

Planning Act 2008 | Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

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Appendix D.1 Copy of May 2018 Leaflet

DISTRICT HEATING AND ELECTRICAL SUPPLY

03

The Energy Park would be ready to offer up to c.30MW thermal output to a planned CHP district network. This could potentially be combined with the thermal output from the RRRF to deliver lower cost heat to homes and premises in the locality, such as in Belvedere and Thamesmead.

Cory is working closely with the London Borough of Bexley and the Peabody Trust to deliver district heating.

Cory is also keen to explore the option of selling lower cost electricity direct to the local community.

NATIONALLY SIGNIFICANT INFRASTRUCTURE PROJECT

04

Under the Planning Act 2008 the construction of an 'onshore generating station' larger than 50MW is designated as a Nationally Significant Infrastructure Project (NSIP).

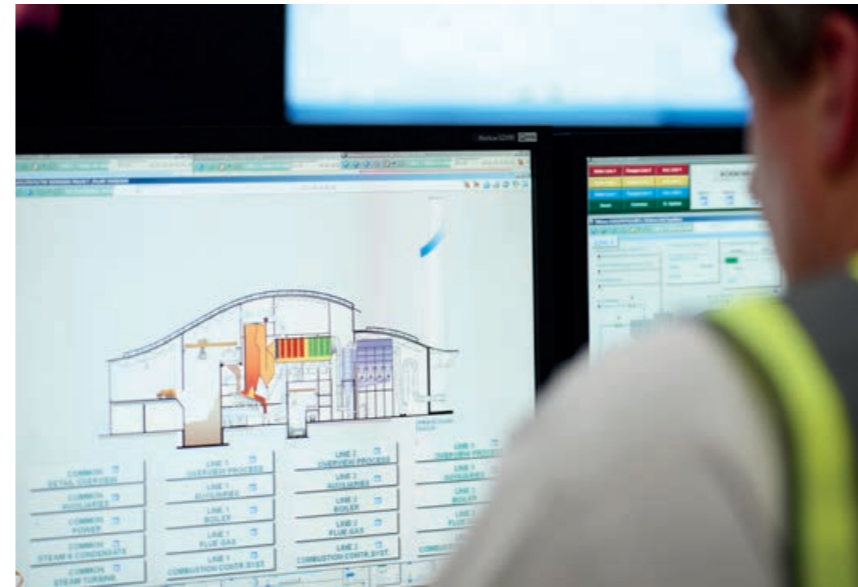
Cory is required to submit an application for development consent to the Secretary of State.

The London Borough of Bexley, the Greater London Authority and

authorities along the electrical connection route will be key stakeholders in the process. The local community and other local stakeholders will also have an important role to play.

NEXT STEPS

05



Cory will consult with key stakeholders and the local community about its proposals and will use their feedback to help inform development of the Energy Park scheme.

Cory expects to hold public exhibitions during the early summer of 2018 and work with key public bodies and local stakeholders to identify the main environmental and planning considerations that will be considered by the design of the Energy Park.

Cory expects to submit an application for a Development Consent Order (DCO) to the Planning Inspectorate towards the end of 2018.

Construction is targeted to begin in 2021, and the Energy Park is expected to be fully operational by 2024.

THE ENERGY PARK TO BE FULLY OPERATIONAL BY 2024

For further information please call 0330 838 4254 or email info@riversideenergypark.com



INTRODUCING RIVERSIDE ENERGY PARK



CORY RIVERSIDE ENERGY

Since the completion of construction in 2011, Cory Riverside Energy's Riverside Resource Recovery Facility (RRRF) has been operating very successfully and cleanly. It is a key element of London's energy and resource management infrastructure.

INTRODUCTION

01

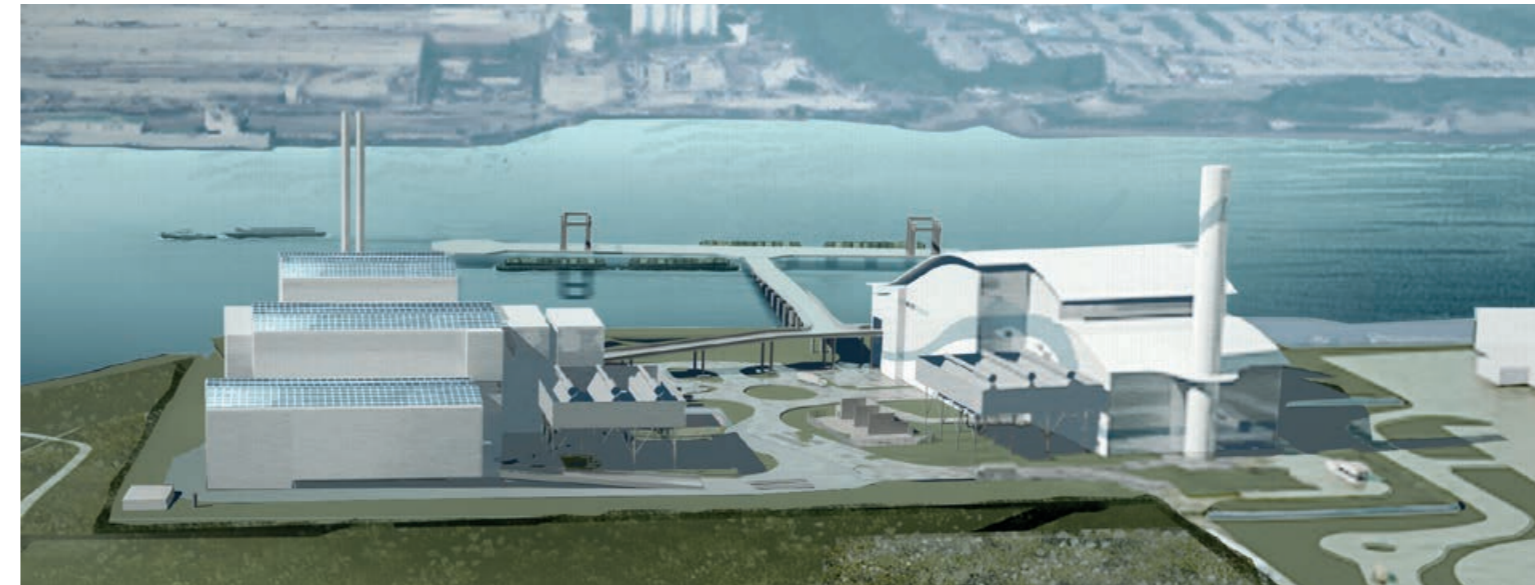
Cory Riverside Energy (Cory) is now progressing plans to construct Riverside Energy Park, an integrated electricity generating station, on land situated directly to the west of RRRF, Norman Road, Belvedere, Bexley, London.



Cory's Riverside Resource Recovery Facility (RRRF) located on the banks of the River Thames in London.

PROPOSED ENERGY PARK

02



The proposed Energy Park will be an integrated generating station with up to 96 megawatts of electricity capacity (MWe), that will supply low carbon/renewable electricity to London.

UP TO
c.96
MWe

Key components of the integrated generation station include:

- Energy Recovery Facility
- Battery Storage
- Anaerobic Digestion
- Solar Panels

Other components include on-site combined heat and power (CHP) infrastructure to supply a local heat network, and an electrical connection to the local distribution network.

As with the existing facility, none of the residual waste that would be received at REP will go unused. It will all be converted into energy (heat and electricity), the metallic parts are recovered and recycled, and the residual ash will be recycled into construction aggregates.

RIVERSIDE ENERGY PARK WOULD COMPRISE:

ENERGY RECOVERY FACILITY (ERF)

This would comprise an integrated ERF using 'moving grate' technology. The same high performing and proven full combustion technology is used at RRRF.

The ERF would use residual waste (non-recyclable waste) as a fuel to generate low carbon/renewable energy. The ERF would accommodate Commercial and Industrial waste and have the capability to accept municipal waste. The Energy Park would provide an expected annual waste throughput tonnage of c. 655,000 tonnes per annum (tpa) (nominal) arising from London and the South East.

Under its planning permission, a minimum of 75% of the waste transported to RRRF is delivered by river, with a maximum of 25% brought by road. It is anticipated that the Energy Park would follow a similar ratio.

Incinerator Bottom Ash would be transported by river to the existing facility at the Port of Tilbury for treatment and use as an aggregate in the construction sector. e.g. road construction. Air Pollution Control Residues (APCR) would be removed off-site by road to be recycled.

BATTERY STORAGE

The Energy Park would incorporate up to 20 MWh of battery storage to supply additional power to the grid at times of peak demand.

ANAEROBIC DIGESTION (AD)

The Energy Park would include a fully integrated AD system that would treat a mix of food and green waste. Up to c. 40,000 tpa of feedstock will potentially be supplied from the London Borough of Bexley and other local sources. The AD system would generate up to 1 MW of both renewable electrical and heat energy.

SOLAR PANELS

Solar power provision would be integrated across the full extent of the Energy Park roof (up to c. 1 MWe).

GRID CONNECTION

After supplying its own power needs the Energy Park would produce a net electrical power output of c. 64 MWe to be exported to the distribution network. This could be increased to 84 MWe when the batteries are discharging.

The Energy Park would therefore require a new 132kV connection to the electrical distribution network.

Cory has outline planning permission for a Data Centre which will complement the Energy Park. Discussions are ongoing with potential Data Centre partners for the early delivery of this facility. The Data Centre has the potential to take electricity direct via a private wire.

Appendix D.2 Non-Statutory Consultation Public Exhibitions Panels (May 2018)



WELCOME

INTRODUCING CORY RIVERSIDE ENERGY

We're one of the UK's leading resource management, recycling and energy recovery companies. Our existing Riverside Resource Recovery Facility is one of the largest energy recovery facilities in the UK and is located on the bank of the River Thames at Belvedere. We have a unique river-based infrastructure, spanning over 120 years of operation, transporting London's waste on our fleet of tugs and barges and turning it into reliable, sustainable energy.

London is facing a significant capacity gap in its ability to dispose of and treat all of its waste. Over two million tonnes of London's waste is currently either landfilled or sent overseas.

The proposed Energy Park is an important part of the solution representing a huge step forward when it comes to meeting London's waste management and energy generation infrastructure needs.

Thank you for coming along today to find out more about our proposals. Members of the Cory Riverside Energy team are here to provide you with more information and answer any questions you may have.

We plan to submit an application to the Secretary of State for a 'Development Consent Order' (DCO) for the proposed Riverside Energy Park later this year. We would like your comments on our proposals so that we can take these into account when finalising the scheme and our application.

Your views are really important to us, so please let us know what you think.

"The proposed energy park represents a huge step forward when it comes to meeting London's waste management and energy generation needs."

Nicholas Pollard
Chief Executive Officer





OUR EXISTING RIVERSIDE RESOURCE RECOVERY FACILITY

London has a population approaching nine million people and between us we produce c. 4.5 million tonnes of non-recyclable waste every year.

At Cory Riverside Energy we believe that using waste to provide London with a safe, secure, affordable and sustainable energy supply makes great environmental and economic sense.

Our existing Riverside Resource Recovery Facility at Belvedere uses non-recyclable waste that would otherwise have gone to landfill, as fuel to generate low carbon renewable electricity. As one of the largest operations of its kind in the UK, the facility generates c. 525,000 megawatt hours (MWh) of electricity each year from processing c. 750,000 tonnes of waste. This is equivalent to the energy needs of approximately 160,000 homes.

Every year up to c. 200,000 tonnes of ash from our existing facility is recycled to be used as aggregate in the construction industry. This replaces the need to utilise virgin materials produced from potentially harmful quarrying to produce construction materials. We also remove any metals during the process so all by-products from our facility can be fully recovered for reuse and recycling.

We are proud to say that “No waste is wasted”. All of the by-products from our existing facility and our future Energy Park will be reused, so even the ‘waste’ from our own facility doesn’t go to landfill.

By generating electricity from non-recyclable domestic and commercial waste we also are improving resource efficiency, diverting London’s waste from landfill and achieving greater sustainability for London.

WHAT NEXT?

We think our existing facility has been a huge success in treating a significant proportion of London’s non-recyclable waste, making use of the river network to deliver waste sustainably to generate electricity and recyclable products. London’s waste problems are far from solved and we can still treat more of our own waste rather than sending it to landfill or exporting it overseas.

Our proposal to build the Energy Park will bring even more wide-ranging social, economic and environmental benefits and prevent waste needlessly being transported outside of London.





THE GREEN HIGHWAY

Our existing facility and the proposed Energy Park are ideally located to maximise the use of the River Thames, our 'green highway', and minimise transportation by road.

This approach is unique to London and the UK and has environmental benefits through reducing congestion and improving safety.

Our fleet of 5 tugs, more than 50 barges and 1,500 containers, already transport around one million tonnes of non-recyclable waste and aggregate each year via our existing river based Waste Transfer Stations.

By using the river, we remove approximately 100,000 lorry journeys from London's congested roads each year. This saves c. 13,500 tonnes of CO₂ compared with road-based waste transport.

We transport non-recyclable waste in sealed containers from the c. 1.2 million residents living within the London Boroughs of Wandsworth, Hammersmith and Fulham, Lambeth, Royal Borough of Kensington and Chelsea, City of London and Tower Hamlets. Additionally, we transport non-recyclable waste material from London's Commercial and Industrial business customers.

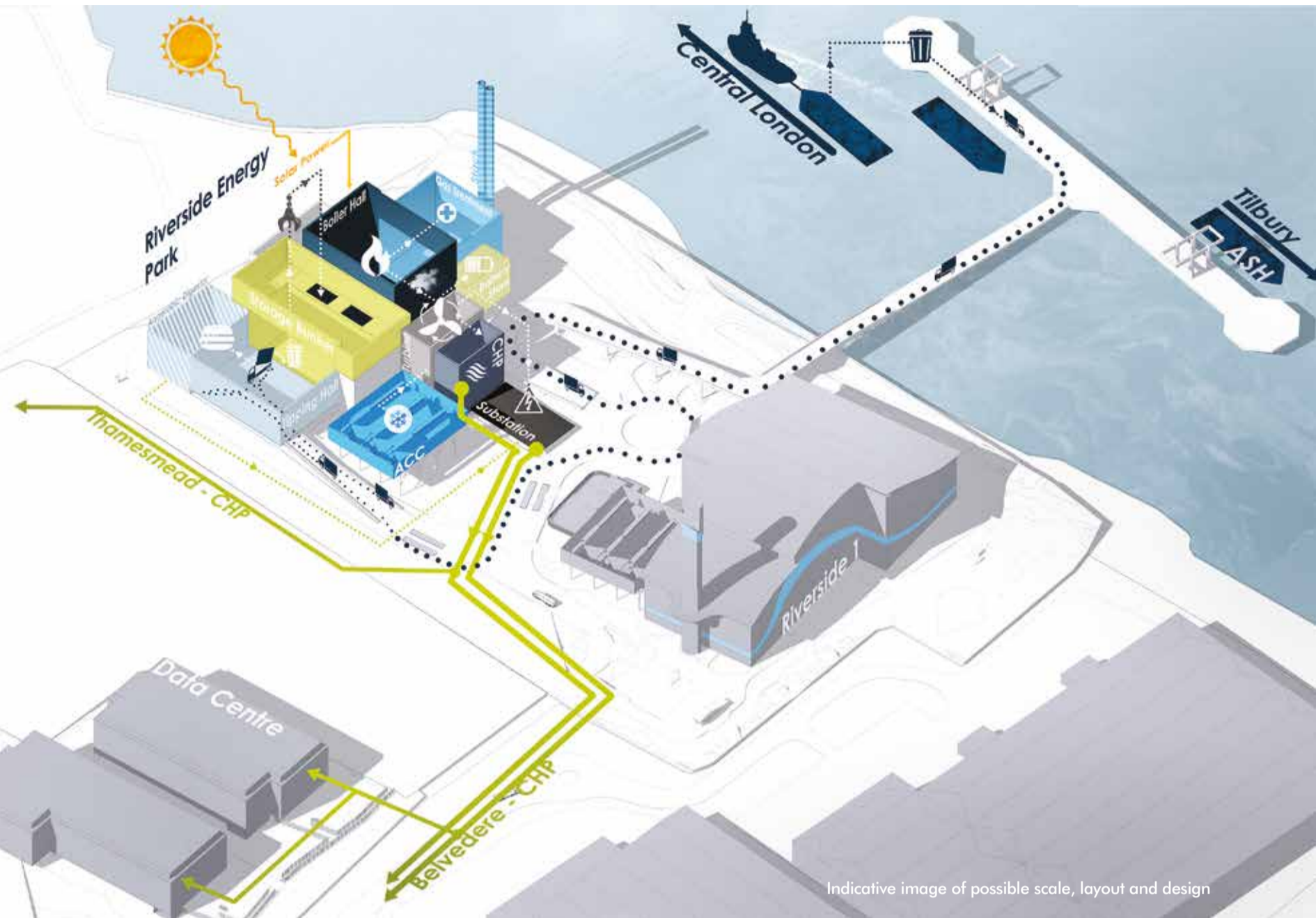
The proposed Riverside Energy Park will build on this success and we therefore expect to make extensive use of the River Thames for transporting waste and ash. By using the river in this way, we would expect to remove around 80,000 further lorry journeys from London's road network each year.



100,000

Vehicle journeys saved using our carbon efficient fleet of tugs and barges to move waste along the Thames to the Riverside Resource Recovery Facility





OUR PROPOSED ENERGY PARK

We are now developing proposals to construct Riverside Energy Park on land to the west of our existing facility located on Norman Road in Belvedere. The proposed Energy Park will generate low carbon renewable electricity for the equivalent of c. 140,000 homes.

Our proposed integrated Energy Park includes:

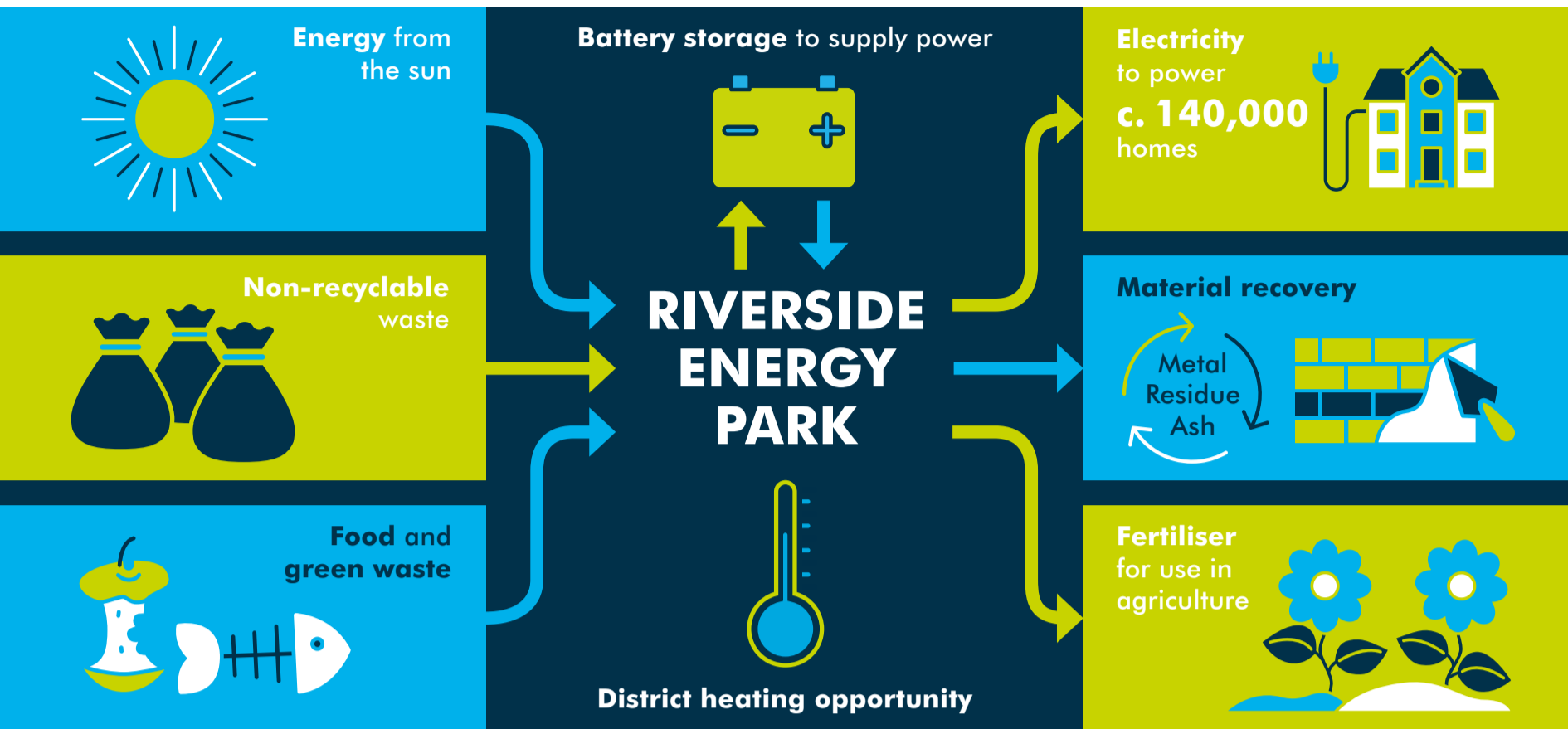
- an Energy Recovery Facility, which processes non-recyclable waste and generates electricity, heat and recyclable ash
- Battery Storage, to store electricity and release it when it is needed most
- Anaerobic Digestion, for local food and green waste, from which we can generate compressed natural gas to power vehicles or even more electricity in addition to a certified fertiliser for improving agricultural land
- Solar Panels, to harness electricity from the sun
- Combined Heat and Power infrastructure on our site, which will enable the heat generated at the Energy Park to be supplied via a potential district heating network to c. 10,500 local homes and businesses



UP TO
c. 140,000
homes

The proposed Energy Park would supply its power to the electricity network through a buried cable connection to Littlebrook near Dartford.





WHY DOES LONDON NEED RIVERSIDE ENERGY PARK?

London's waste infrastructure gap:

Over two million tonnes of London's non-recyclable waste is currently sent to landfill or shipped overseas. London has a clear waste infrastructure capacity gap which urgently needs investment. To add to the problem, of the 11 active landfill sites where London's waste is currently sent, only two of these will be operational after 2025. Riverside Energy Park will play a significant part in addressing this shortfall and will be privately funded.

Reducing carbon emissions:

Riverside Energy Park will divert a further c. 655,000 tonnes of non-recyclable waste away from landfill, which will avoid an additional c. 130,000 tonnes of CO₂ each year.

Renewable energy:

Riverside Energy Park will produce enough renewable low carbon electricity per year to power the equivalent of approximately 140,000 homes and provide the opportunity for heat export to c. 10,500 local businesses and homes through its potential for combined heat and power infrastructure.

Energy security:

The UK urgently needs more clean electricity generating capacity to help achieve energy self-sufficiency and meet carbon reduction targets. Riverside Energy Park will help to meet this urgent need by storing c. 20 megawatt-hours (MWh) using the latest battery storage technology and releasing electricity when most needed.

Maximising the benefits of local food waste:

Through the natural process of anaerobic digestion, Riverside Energy Park would capture the maximum benefits from the local food and green waste it treats. This system would generate up to 1 MW of renewable electricity, heat energy and potentially compressed natural gas (CNG) for vehicle fuel.

Minimising the use of natural resources:

Metals, ash and residues that are by-products from our waste treatment process can be fully recycled for use in the construction industry, minimising the need to use virgin raw materials from potentially harmful carbon intensive processes.

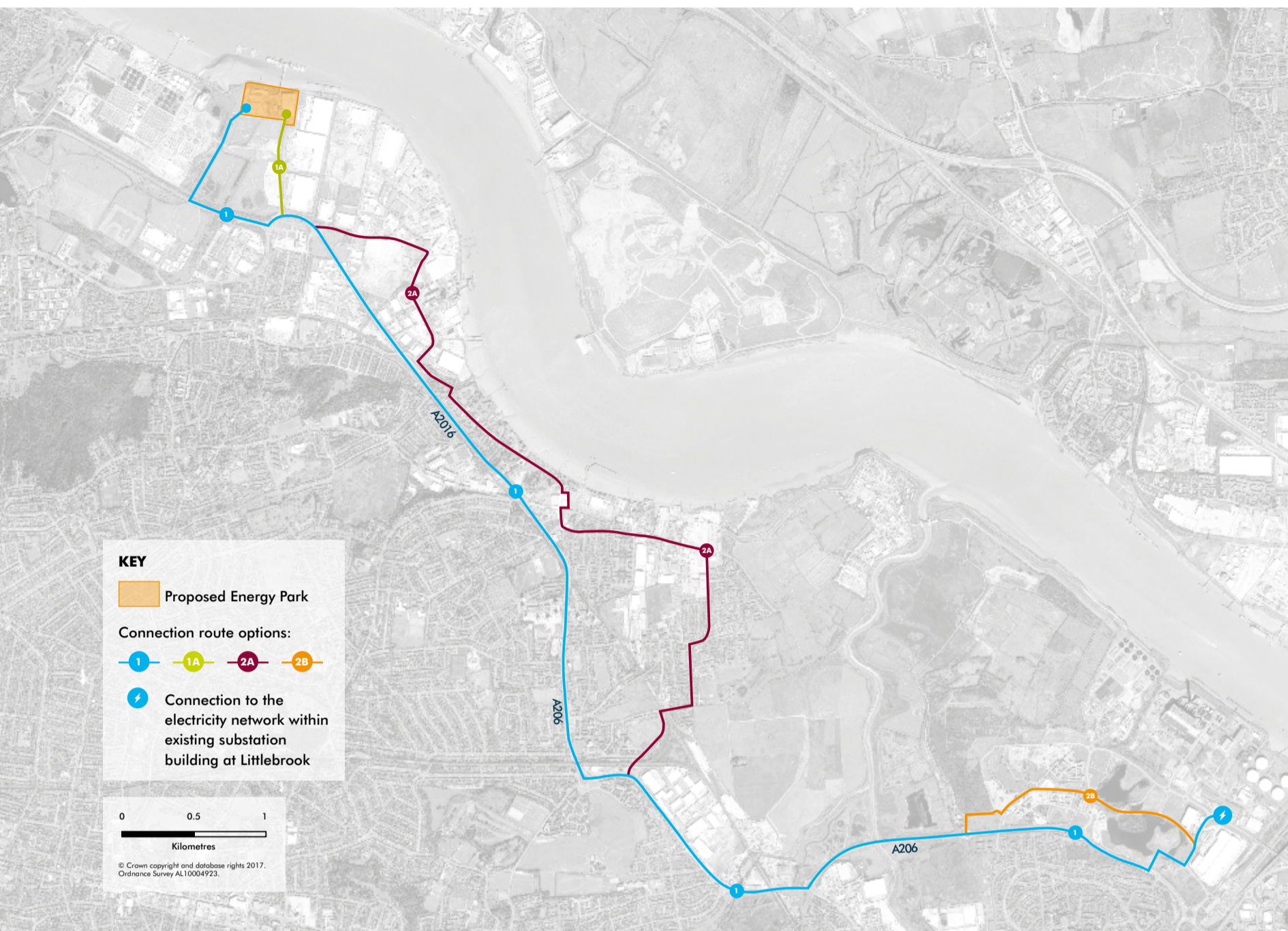
Making use of the Thames to reduce lorry trips:

By using the river to transport materials we expect our proposed Riverside Energy Park would allow a further 80,000 truck journeys to be removed from London's road network each year.

Local employment:

Cory Riverside Energy employs 365 people across London. Riverside Energy Park will create a further c. 85 new jobs with apprenticeship opportunities in engineering, river logistics and business management. The Energy Park will require a workforce in excess of 6,000 people over the construction period, a real benefit to the local economy.





GETTING ENERGY TO HOMES AND BUSINESSES

The proposed Energy Park will connect to the electricity network via the installation of a buried connection so that the energy we generate can get to homes and businesses. The proposed connection would run southeast from our site to an existing substation in Littlebrook, near Dartford. There are different routes being considered as highlighted on the above map.

We are working closely with UK Power Networks to confirm the final route, taking into account environmental, engineering and electrical considerations. As part of this process, we are seeking your views on how the different route options may impact you. Please let us know if there are any local considerations you think we should be aware of. Your views will be taken into account during detailed design of the finalised route.

We pride ourselves on being responsible and considerate neighbours to the residents and businesses living and working near to our existing facility. We will seek to mitigate any effects from the construction of the connection route on local people, residents and businesses.





GENERATING ENERGY FROM WASTE

The proposed Energy Park will use non-recyclable waste as fuel to generate low carbon renewable energy.

Using the same high performing and proven combustion technology as our existing facility, the proposed Energy Recovery Facility would process c. 655,000 tonnes of waste per annum from local authorities, commercial and industrial waste from London and its surrounding areas.

Riverside Energy Park will seek to make extensive use of the River Thames to transport materials to and from the site. We expect this would result in around c. 80,000 truck journeys being removed from London's roads each year.

Ash, which is a safe by-product of the waste energy recovery process, is used as an aggregate in the construction sector e.g. for road construction. The ash would be transported by river from the site to an existing facility at the Port of Tilbury for treatment.

Other residues, which are formed by the process used to ensure the plant meets stringent modern pollution control standards, would be removed off-site by road to be recycled e.g. used in the production of building blocks.

By processing all of the materials delivered to site in an efficient and sustainable manner we will ensure that no waste is wasted.





TURNING FOOD WASTE INTO ENERGY

The proposed Energy Park includes an anaerobic digestion plant that would treat up to c. 40,000 tonnes per annum of local food and green waste. We think this will be a huge benefit to Bexley and the surrounding area, providing an in-borough solution for waste which is currently transported much further away to be processed.

UP TO
c. 40,000 tonnes

By providing a facility for food and green waste locally, Riverside Energy Park will provide further environmental benefits:

- Shortening the length of lorry trips collecting food and green waste therefore reducing harmful carbon emissions
- Production of a methane-rich gas which can be used as an alternative to fossil fuels. For example, producing up to 1 MW of renewable energy as heat and electricity or generating compressed natural gas (CNG) to power vehicles sustainably
- Production of a compost full of nutrients which can be used as a certified fertiliser on agricultural land.





HARVESTING RENEWABLE ENERGY FROM THE SUN

We plan to generate as much renewable energy as possible at the proposed Energy Park.

The proposed Riverside Energy Park will include solar energy which is clean and reliable.

Solar panels are made from photovoltaic cells. When the sun shines on these cells they create an electric field, converting the energy from the sun into renewable electricity.

The panels generate the most electricity when the direct sunlight is at its brightest – but they can still generate electricity on cloudy days too. The panels are made mostly of silicon, which comes from recycled sand, and aluminium. With our proposed building designs, we have excellent potential to generate solar electricity.

Flat or south facing roofs are a key part of maximising solar generation. This is one of the important considerations in our emerging building design which you can see on our other exhibition boards today.





THE LOCAL ENVIRONMENT

We value our local environment and are proud of our record of protecting and enhancing the local area.

There are many different environmental aspects we are seeking your opinion on and have listed a few below:

Ecology

We are undertaking an extensive range of surveys of local habitats and wildlife and are working with Natural England, the government’s ecological advisor. We will ensure that disturbance to wildlife is minimised during construction (including protecting the neighbouring Crossness Nature Reserve) and will look for opportunities to enhance existing habitats or create new habitats as part of our proposals.

Transportation

We are carrying out a full assessment of the impacts of the proposals on the local road network during its construction and operation. Like the existing facility, Riverside Energy Park will seek to make extensive use of the river to remove truck journeys from London’s roads. A traffic management plan will be used during construction to minimise any traffic impacts. We are also assessing the impacts of additional tug and barge movements on the River Thames.

Townscape and Visual Impact

The site is located within an industrial area. The location is characterised by a mix of building heights and tall built elements including power plants and a wind turbine. The design will need to give careful consideration to minimising any impacts on the adjoining nature reserve during construction and once operational. A full townscape and visual assessment will be undertaken.

Air Quality

Riverside Energy Park will be subject to stringent modern emissions standards. We have to meet these standards in order to get a permit to operate from the Environment Agency. Our existing facility has been meeting all emissions standards since it opened in 2011. We are committed to being as transparent as possible publishing emission data on a monthly basis including on our website.

Other Areas

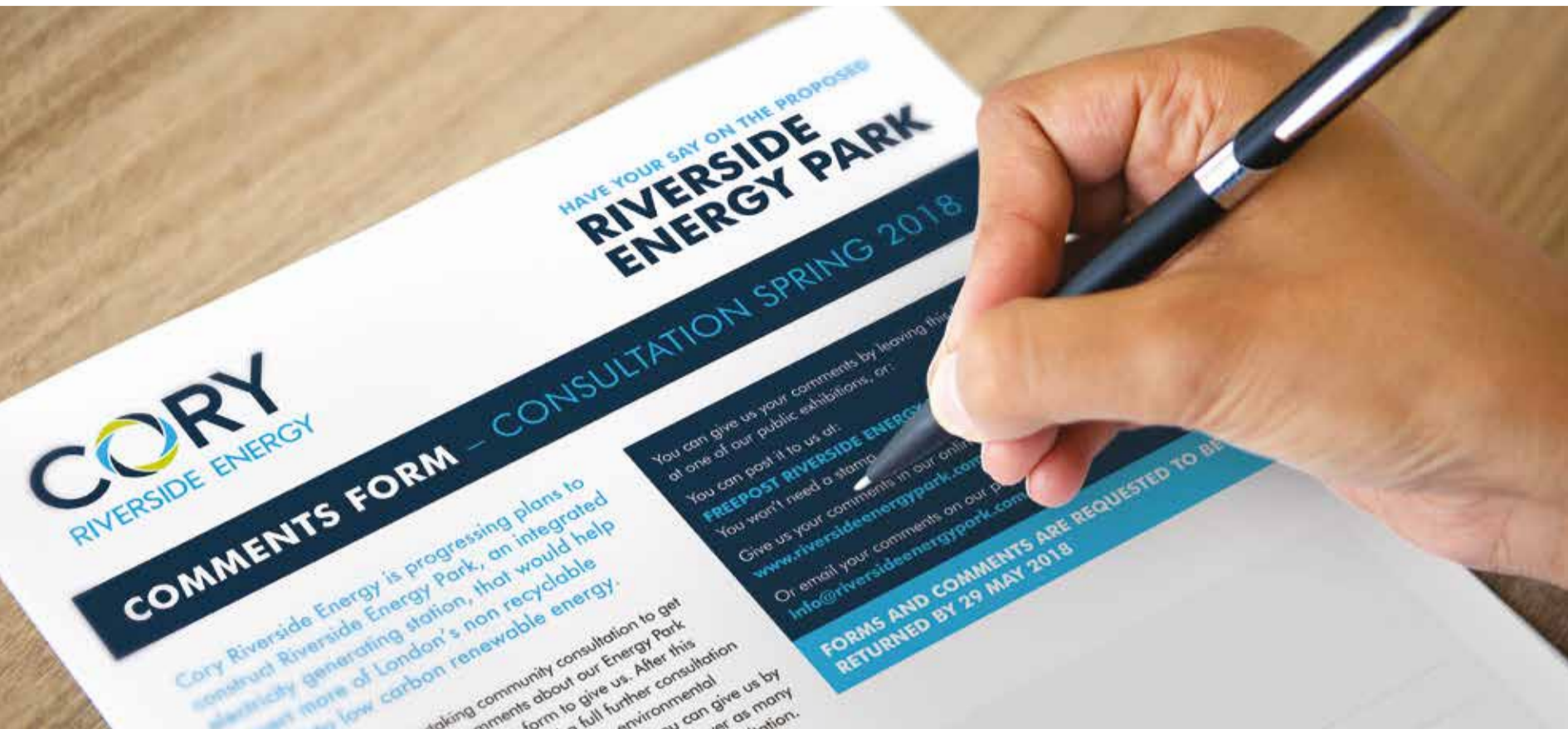
In addition, we will be carrying out a full assessment of the impact of the proposals in terms of noise and feeding those results into the design process to ensure we minimise any impact on local residential areas or properties.

We’ll undertake extensive surveys and assessments to consider and minimise impacts on cultural heritage assets.

Water and flood risk will be assessed with mitigation measures incorporated within the overall design to minimise water consumption by capturing rain water on site and recirculating waste water back into the process. The finished floor level of the Energy Plant will be set above existing ground level to increase flood resilience.

Finally, assessments will be made to consider the socio-economic impacts of the proposals including the additional employment opportunities created once the Energy Park becomes operational and during construction too.





ILLUSTRATIVE DESIGN APPROACHES

We are in the process of developing our overall design approach for our proposed Riverside Energy Park. Some indicative examples of the different design approaches that can be taken are outlined on the next three exhibition boards.

Based on our assessments so far, we think that the following social, environmental and economic factors are important to take into consideration when adopting a particular design approach to Riverside Energy Park:

- Renewable Energy
- Transportation
- Land Use
- Visual Impact
- Building Maintenance
- Construction and Building Materials

Our proposals are still developing and we welcome your comments on any of the above social, environmental and economic factors. Are they the right ones in finalising our overall design approach? What other factors should we take into consideration?

Your views will be taken into account as we finalise our proposals.





Indicative building design

FLAT ROOF BUILDING FORM – INDICATIVE DESIGN APPROACH 1

We have reviewed this design approach against the six different social, environmental and economic factors as follows:

- **Renewable Energy** – A large flat and south facing roof area highly suitable for solar panels yielding c. 1.2 MWe of renewable energy enough to power c. 1,100 homes
- **Transportation** – Excellent access to existing jetty connection to River Thames
- **Land Use** – Industrial location but this building form would require careful consideration to minimise impact on adjoining nature reserve
- **Visual Impact** – Largest building and tallest stack due to uniform building height
- **Building Maintenance** – Safe flat access for working at height to maintain e.g. solar panels
- **Construction and Building Materials** – Inefficient use of internal space and more building materials than needed to accommodate plant and equipment potentially increasing construction duration too

SOLAR PANEL LOCATIONS – OPTION 1

c. 7,500 m² / c. 1.2 MWe / c. 1,100 homes



Indicative design solution

■ Potential location





Indicative building design

CURVED ROOF BUILDING FORM – INDICATIVE DESIGN APPROACH 2

We have reviewed this design approach against the six different social, environmental and economic factors as follows:

- **Renewable Energy** – The curved roof would have the smallest area available for solar panels yielding c. 0.6 MWe of renewable energy enough to power c. 550 homes
- **Transportation** – Excellent access to existing jetty connection to River Thames
- **Land Use** – Industrial location but a curved building form would mean solar panels visible from local nature reserve
- **Visual Impact** – Variable building form but with tallest building height and a high stack
- **Building Maintenance** – More difficult to work safely at height for maintenance purposes e.g. for solar panels
- **Construction and Building Materials** – Complex and longer construction, inefficient use of internal space and increases use of building materials particularly extra steel

SOLAR PANEL LOCATIONS – OPTION 2

c. 4,000 m² / c. 0.6 MWe / c. 550 homes



Indicative design solution

■ Potential location





Indicative building design

STEPPED ROOF BUILDING DESIGN – INDICATIVE DESIGN APPROACH 3

We have reviewed this design approach against the six different social, environmental and economic factors as follows:

- **Renewable Energy** – A stepped roof design would provide large flat and south facing roof areas highly suitable for solar panels yielding c. 1 MWe of renewable energy, enough to power c. 900 homes
- **Transportation** – Excellent access to existing jetty connection to River Thames
- **Land Use** – Industrial location and reduces overall height and mass of the building to the minimum required thereby minimising impact on adjoining local nature reserve
- **Visual Impact** – Lower stack height due to low building height form next to the stack
- **Building Maintenance** – Safe flat access to work at height for maintenance purposes e.g. for solar panels
- **Construction and Building Materials** – Simple construction, efficient use of internal space and building materials, easier and quicker to build

SOLAR PANEL LOCATIONS – OPTION 3

c. 6,000 m² / c. 1 MWe / c. 900 homes



Indicative design solution

■ Potential location



THE PLANNING PROCESS AND NEXT STEPS

Riverside Energy Park would generate more than 50 MW of electricity and therefore is considered a Nationally Significant Infrastructure Project.

This means we need to submit an application for development consent to the Secretary of State. You can find out more information about the planning process and how you can participate on the Planning Inspectorate's website at: infrastructure.planninginspectorate.gov.uk

To help us develop our proposals we want your views. You can fill out a comments form here today or complete a form online at our project website: www.riversideenergypark.com

Based on our assessments so far, we think that the Stepped Roof Building Design – Indicative Design Approach 3 – performs well against the selected social, environmental and economic factors compared to the other indicative design approaches.

If we're granted consent, we expect to start construction in 2021 so that the proposed Energy Park can be operational by 2024

We are seeking your views on the following:

- Do you think more of London's waste should be treated in London?
- Are you in favour of making greater use of the river?
- Do you support maximising reliable renewable energy generation for London and the UK?
- Are the social, environmental and economic factors that we have identified the right ones to take into consideration in finalising our proposals for an integrated Energy Park?
- Anything that you want to make sure we consider as part of our proposals?
- How the electrical connection route might affect you?
- Any other matters or concerns?

Please provide your comments by 29 May 2018.

Your comments will be considered as we develop our final plans for the proposed Energy Park.

We'll be holding a full public consultation on our plans later this summer. This will provide more information about the Energy Park and give you a further opportunity to comment on the proposals. We will take your comments into account when we finalise our application for development consent.

If the Secretary of State grants development consent for Riverside Energy Park, we expect to start construction in 2021 so that the proposed Energy Park can be generating electricity and heat for London's homes and treating more of London's waste by 2024.



Appendix D.3 Riverside Energy Park Website Updates (Non-Statutory Consultation)



Indicative image of possible scale, layout and design.

Our proposals for Riverside Energy Park represent a huge step forward when it comes to meeting London's waste management and energy generation needs.

London is facing a significant capacity gap in its ability to dispose of and treat all of its waste. Over two million tonnes of London's waste is currently either landfilled or sent overseas.

The new Energy Park is an important part of the solution representing a huge step forward when it comes to meeting London's waste management and energy generation infrastructure needs.

By employing a range of green technologies which are proven at scale - such as energy recovery, solar, anaerobic digestion, battery storage and combined heat and power infrastructure - we will be able to expand our ability to generate and provide clean, low carbon renewable energy to London's homes and businesses.

In doing this, we will allow a lot more non-recyclable waste to be treated within London for the benefit of London. This will complement recycling, minimise landfill, take lorries off the roads and create new jobs.

This website details our proposals and explains the process we will be following to help this vision become a reality.

[View the Project Outline](#)



PROJECT

[PROJECT OUTLINE](#)

[PROJECT TIMELINE](#)

CONSULTATION

[COMMUNITY CONSULTATION](#)

[DCO PROCESS](#)

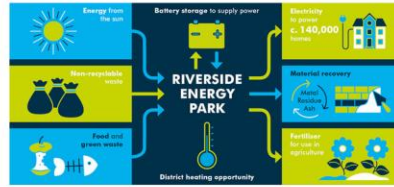
[DOCUMENTS](#)

[SUBMIT COMMENTS](#)

PROJECT OUTLINE

01

Cory Riverside Energy is progressing plans to construct Riverside Energy Park, an integrated electricity generating station with up to 96 megawatts of electricity capacity (MWe), that will supply low carbon renewable electricity to London.



We are now developing proposals to construct Riverside Energy Park on land to the west of our existing facility located on Norman Road in Belvedere. The proposed Energy Park will generate low carbon renewable electricity for the equivalent of c.140,000 homes.

Our proposed integrated Energy Park includes:

- an Energy Recovery Facility, which processes non-recyclable waste and generates electricity, heat and recyclable ash
- Battery Storage, to store electricity and release it when it is needed most
- Anaerobic Digestion, for local food and green waste, from which we can generate compressed natural gas to power vehicles or even more electricity in addition to a certified fertiliser for improving agricultural land
- Solar Panels, to harness electricity from the sun
- Combined Heat and Power infrastructure on our site, which will enable the heat generated at the Energy Park to be supplied via a potential district heating network to c. 10,500 local homes and businesses

The proposed Energy Park would supply its power to the electricity network through a buried cable connection to Littlebrook near Dartford.

Cory will consult with key stakeholders about these proposals during 2018 and will use any feedback to help inform the development of the proposed Riverside Energy Park. Cory will then submit an application for a Development Consent Order (DCO) to the Planning Inspectorate towards the end of 2018.

PROJECT

PROJECT OUTLINE

01

Find out more

PROJECT TIMELINE

02

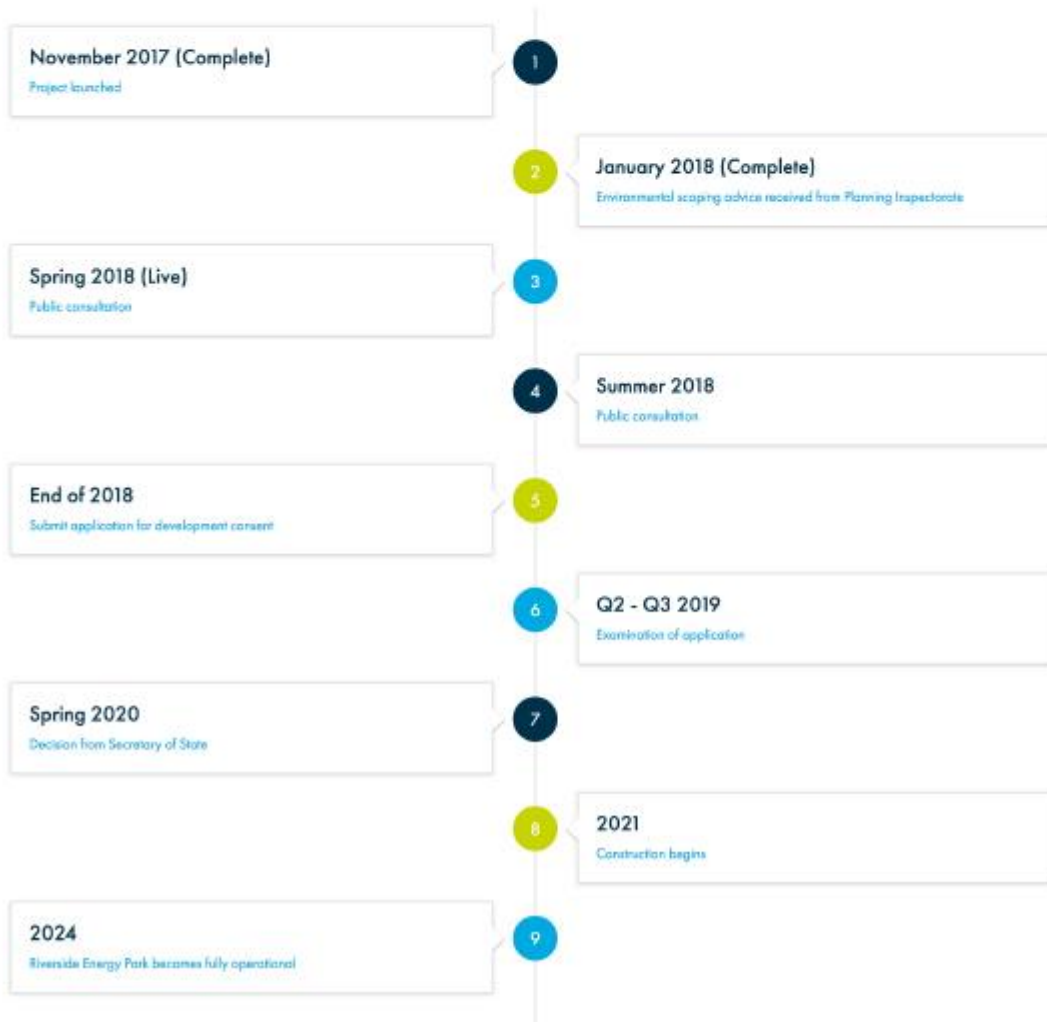
Find out more

02

We are currently undertaking community consultation to get your initial thoughts and comments about our Energy Park proposal. You can use the form on the comments page to give us your comments by 29 May 2018.

We'll be holding a full public consultation on our plans later this summer. This will provide more information about the Energy Park and give you a further opportunity to comment on the proposals. We will take your comments into account when we finalise our application for development consent.

If the Secretary of State grants development consent for Riverside Energy Park, we expect to start construction in 2021 so that the proposed Energy Park can be generating electricity and heat for London's homes and treating more of London's waste by 2024.



PROJECT

PROJECT OUTLINE

01

[Find out more](#)

PROJECT TIMELINE

02

[Find out more](#)



For more information about the rest of Cory Riverside Energy's operations, please visit our [main website](#).

Please contact us for further information:

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All of the Cory Riverside Energy companies are registered in

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2 Coldbath Square, London EC1R 5HL

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[Terms](#) [Privacy](#)

Community consultation

Cory aims to be responsible and considerate neighbours to the residents and businesses living and working near to our existing Riverside Resource Recovery Facility. We will continue this commitment to the local community as we bring forward our proposals.

Cory is required to submit an application for development consent to the Secretary of State. Key stakeholders in the application process will include the London Borough of Bexley, the Greater London Authority, Dartford Borough Council, Kent County Council and the local community. Stakeholders will have the opportunity to participate in the development of our proposals and any future examination of the project by the Secretary of State.

We are currently undertaking community consultation to get your initial thoughts and comments about our Energy Park proposal which you can use [this form](#) to give us. After this community consultation we will hold a full further consultation later this summer, when a lot more of our environmental information will be available.

Further information regarding the consultation and public exhibitions will be published in the local area and on this page of our website.



PROJECT

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CONSULTATION

- [COMMUNITY CONSULTATION](#)
- [DCO PROCESS](#)
- [DOCUMENTS](#)
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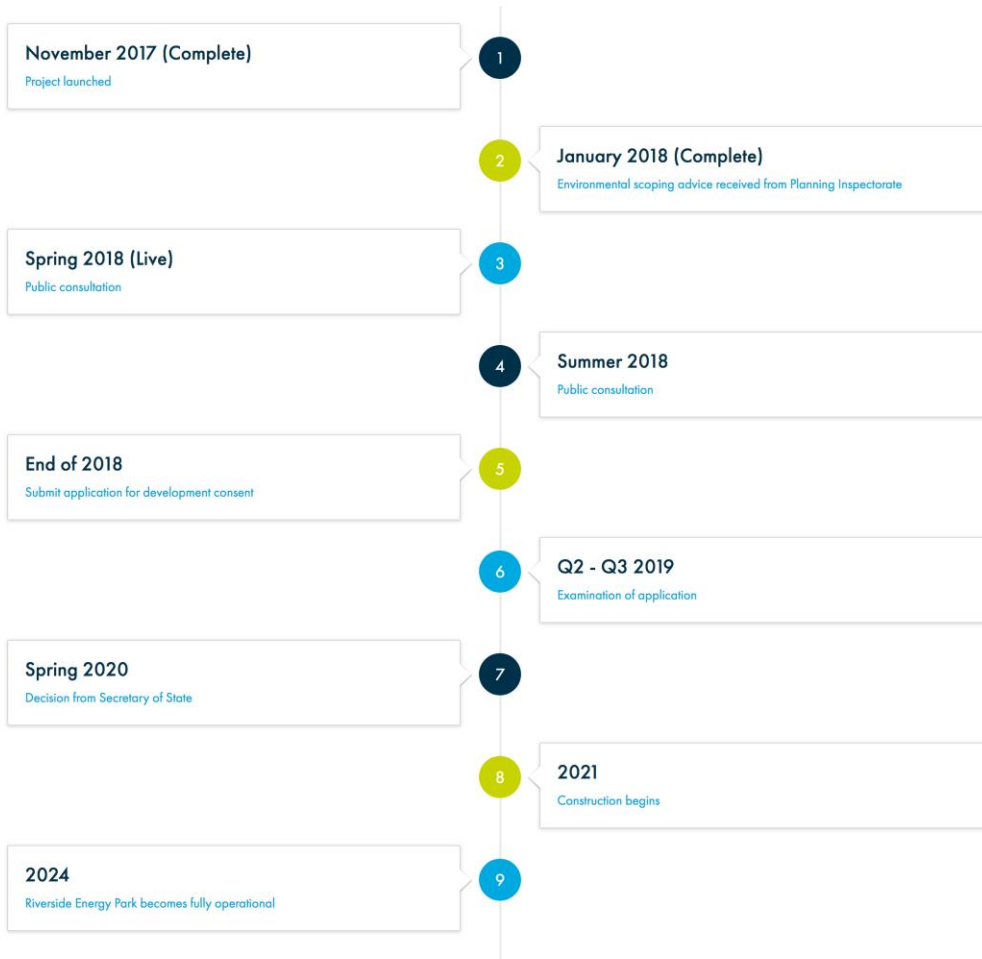
PROJECT TIMELINE

02

We are currently undertaking community consultation to get your initial thoughts and comments about our Energy Park proposal. You can use the form on the comments page to give us your comments by 29 May 2018.

We'll be holding a full public consultation on our plans later this summer. This will provide more information about the Energy Park and give you a further opportunity to comment on the proposals. We will take your comments into account when we finalise our application for development consent.

If the Secretary of State grants development consent for Riverside Energy Park, we expect to start construction in 2021 so that the proposed Energy Park can be generating electricity and heat for London's homes and treating more of London's waste by 2024.



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For more information about the rest of Cory Riverside Energy's operations, please visit our [main website](#).

Please contact us for further information:

E: info@riversideenergypark.com

T: +44 (0) 330 8384254

All of the Cory Riverside Energy companies are registered in England with their registered offices at:

2 Coldbath Square, London EC1R 5HL

Consultation Materials

You can view and download all the materials relating to the Riverside Energy Park project here. We'll continue to add more material as the project progresses – particularly when our consultation launches in the summer of 2018

DOCUMENT
01

Consultation Panels
DATE ADDED: 15.05.2018



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Cory Riverside Energy reveals plans for new energy park in London

Cory Riverside Energy ("Cory"), a leading recycling, energy recovery and resource management company, has today revealed ambitious plans to build an integrated, low-carbon energy park at its site in Belvedere, South East London.

The energy park would complement Cory's existing Riverside Energy Recovery Facility (ERF), and comprise a range of technologies including waste energy recovery, anaerobic digestion, solar panels, and battery storage.

Riverside Energy Park would enable the company to convert even more of London's residual "black bin" waste into green electricity, particularly during times of peak usage, and produce cheap heat for export to nearby homes and businesses. In addition, it would continue to convert the residual ash that is left over at the end of the process into construction materials useful for building London's homes and roads.

Cory has advised the Government's Planning Inspectorate, which handles applications for this type of project, of its proposals.

Meanwhile, Cory will develop the scheme and consult with the local community and other organisations about the proposals before formally submitting an application to the Secretary of State for development consent.

The company expects to hold public exhibitions during the summer of 2018 and, before then, will work with key public bodies and local stakeholders to identify the main environmental and planning considerations that will be addressed by the design of the energy park.

Construction is targeted to begin in 2021, and the energy park is expected to be fully operational by 2024. Cory has selected Hitachi Zosen Inova as its Engineering, Procurement and Construction (EPC) contractor, following its excellent delivery of the existing Riverside ERF.

Cory forecasts that the Riverside Energy Park would:

- Generate up to 96 megawatts (MW) of low carbon renewable electricity at peak times, which taken together with the permitted capacity of 72 MW from the existing Riverside ERF is the equivalent of powering c.300,000 homes across London (almost 10% of London's 3.2m households)
- Divert a further 650,000 tonnes of residual waste away from landfill, which will save an additional 130,000 tonnes of CO₂ each year
- Make use of Cory's existing river-based infrastructure on the River Thames to further reduce road traffic. At present, Cory's use of the Thames as a "Green Highway" currently removes around 100,000 truck journeys from London's roads every year. The new park would allow for a further 80,000 truck journeys to be removed.
- Be capable of supplying up to 30MW of affordable heat energy to local housing
- Create a further 175,000 tonnes/year of construction materials from the EfW process for use in building the south-east's homes and infrastructure, avoiding the need for industry to extract an equivalent tonnage of natural stone.
- Make a valuable contribution to local employment, with over 100 full-time jobs and apprenticeships set to be created at the energy park and on the river. The construction period is likely to require a workforce in excess of 6,000 people.

Nicholas Pollard, Chief Executive of Cory Riverside Energy, said:

"The new energy park represents a huge step forward when it comes to meeting London's waste management and energy generation needs. Our current Riverside Energy Recovery Facility has been reliably operating at capacity and within all air pollution limits since day one, so expanding our energy generating capabilities in a more ambitious integrated Energy Park is the natural next step.

"London is facing a significant capacity gap in its ability to appropriately dispose of and treat all its waste. This new park is an important part of the solution."

"By employing a range of technologies which are proven at scale, we can expand our ability to generate clean, low carbon renewable energy for London and treat more of London's waste within the city's boundaries."



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For more information about the rest of Cory Riverside Energy's operations, please visit our [main website](#).

Please contact us for further information:

E: info@riversideenergypark.com

T: +44 (0) 330 8384254

All of the Cory Riverside Energy companies are registered in England with their registered offices at:

2 Coldbath Square, London EC1R 5HL

Contact

Email

Name

Message

E: info@riversideenergypark.com

T: +44 (0) 330 8384254
(normal landline rates apply)

A: FREEPOST RIVERSIDE ENERGY PARK

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Appendix D.4 Copy of Comments Form (Spring 2018)

06 Is there anything that you want to make sure we consider as part of our proposals?

**07 Do you have any comments on how the electrical connection route might affect you?
(Different options are labelled 1, 1A, 2A and 2B. You can refer to the routes by these labels,
use recognised road names or draw a sketch to tell us about a particular location)**

08 Your contact details

If you would like to be contacted or kept informed of our progress please provide details below. If you prefer not to leave your details, we would be very grateful if you could complete your postcode as a minimum, so that we can understand where in the surrounding area comments on different aspects of our proposal came from.

Name:

Address:

Postcode:

Email:

Phone:

Do you represent an organisation? If so, which one:

 I wish to be kept informed

Dotted lines for user input.

Data Privacy Notice

Camargue Group Limited is supporting Cory Riverside Energy with its consultation process. Camargue Group Limited (“we” or “us”) is committed to ensuring the privacy of your personal information. In this notice we explain how we hold, process and retain your personal data.

How we use your personal data

We may process information that you provide to us. This data may include the following:

- Your name;
• Your address;
• Your telephone number;
• Your email address;
• Your employer or any group on whose behalf you are authorised to respond; and
• Your feedback in response to the Cory Riverside Energy Park consultation (Consultation).

We will use your personal data for the following purposes:

- To record accurately and analyse any questions you raise during the Consultation or feedback you have provided in response to the Consultation.
• To report on our consultation, detailing what issues have been raised and how we have responded to that feedback (please note that the information contained in the consultation report will be aggregated and will not identify specific individuals).
• To personalise communications with individuals we are required to contact as part of future consultation or communications.
• The legal basis for processing this data is that it is necessary for our legitimate interest, namely for the purpose of ensuring the consultation process, analysis and reporting are accurate and comprehensive.
• In addition to the specific purposes for which we may process your personal data set out above, we may also process any of your personal data where such processing is necessary for compliance with a legal obligation to which we are subject.

Providing your personal data to others

We may provide your personal data to the following recipients:

- Cory Riverside Energy Group, Peter Brett Associates LLP, Pinsent Masons LLP and Ardent Management Limited, on whose behalf we are collecting your feedback in order to analyse and report on the responses received.
• Third party service providers and professional advisors who provide services to Cory Riverside Energy Group, Peter Brett Associates LLP, Pinsent Masons LLP and Ardent Management Limited in connection with the Consultation.

- The Planning Inspectorate (or any successor body), the examination Inspector, the Government and/or any relevant local planning authority or council.
• Our insurers/ professional advisers. We may disclose your personal data to our insurers and/or professional advisers insofar as reasonably necessary for the purposes of obtaining and maintaining insurance cover, managing risks, obtaining professional advice and managing legal disputes.

Retaining and deleting personal data

Personal data that we process for any purpose shall not be kept for longer than is necessary for that purpose.

Unless we contact you and obtain your consent for us to retain your personal data for a longer period, we will delete your personal data as soon as practicable following the outcome of the Development Consent Order process.

We may retain your personal data where such retention is necessary for compliance with a legal obligation to which we are subject.

Your rights

The rights you have in relation to your personal information under data protection law are:

- The right to access;
• The right to rectification;
• The right to erasure;
• The right to restrict processing;
• The right to object to processing;
• The right to data portability; and
• The right to complain to a supervisory authority.

You may exercise any of your rights in relation to your personal data by writing to us using the details below.

Our details

We are registered in England and Wales under registration number 3954008, and our registered office is at Eagle Tower, Montpellier Drive, Cheltenham GL50 1TA.

You can contact us:

- by post, to Freepost Riverside Energy Park;
• using our website comments form, when it’s available;
• by telephone, using the number: 0330 838 4254; or
• by email, using the email address: info@riversideenergypark.com

**Appendix D.5 Press Release of Non-Statutory
Public Exhibitions (May 2018)**

PRESS RELEASE

PLANS FOR PROPOSED RIVERSIDE ENERGY PARK IN BELVEDERE GO ON SHOW TO LOCAL COMMUNITY FOR THE FIRST TIME

LONDON, 18 May 2018: Cory Riverside Energy (“Cory”), a leading recycling, energy recovery and resource management company, is inviting members of the public to come and find out more about its proposals for Riverside Energy Park.

The proposed Energy Park would complement Cory’s existing Riverside Resource Recovery Facility, which has been operating successfully on Norman Road since 2011. The Energy Park would integrate a range of technologies including waste energy recovery, anaerobic digestion (for local food and green waste), solar panels and battery storage.

While a full consultation on the draft proposals is scheduled to take place later this summer, Cory wants to offer local people, community groups and other organisations an early opportunity to find out more, meet the Cory development team and give their initial feedback on the plans.

If granted consent, Riverside Energy Park would enable Cory to convert even more of London’s residual (non-recyclable) “black bin” waste into green electricity, particularly during times of peak usage. It would also provide the opportunity for cheap heat to be exported to nearby homes and businesses and continue to convert the residual ash that is left over at the end of the process into construction materials useful for building London’s homes and roads.

Cory will provide visitors to its public exhibitions with a range of information and activities to help them better understand the proposals and to have their say. Visitors don’t need an appointment and can just drop-in at whatever time is most convenient.

Nicholas Pollard, Chief Executive of Cory Riverside Energy, said: “The drive to find better and more responsible ways of managing our resources has never been more relevant than it is today, so we’re really excited about the plans we’re preparing for the proposed Riverside Energy Park. We want to share them with as many local people as possible during these early information events, answer questions and find out what people think of our plans.

“These information events will introduce people to our proposals and explain how it will help convert more of London’s waste into much-needed low carbon, renewable energy.

“The feedback we get will help us as we prepare for our full consultation later this summer, so I’d encourage everybody to come along and find out more about this genuinely fascinating project.”

Events take place at the following times and locations:

Tuesday 22 May	The Dartford Bridge Learning & Community Campus Birdwood Avenue, DA1 5GB	9am - 1pm
Wednesday 23 May	Belvedere Community Centre Mitchell Close, Belvedere, DA17 6AA	4pm – 8pm
Thursday 24 May	Slade Green and Howbury Community Centre Chrome Road, Erith, DA8 2EL	9am – 1pm
Friday 25 May	Belvedere Community Centre Mitchell Close, Belvedere, DA17 6AA	11am – 3pm

Anyone who's unable to attend one of the public exhibitions but would still like to find out more about the proposed Energy Park, can view information and leave their feedback online at www.riversideenergypark.com.

Alternatively, feedback can be sent by email to info@riversideenergypark.com or submitted via freepost to **Freepost Riverside Energy Park**. All comments are requested to be sent by Tuesday 29 May. Cory will then consider the comments received as it develops proposals that will be presented at a further round of consultation later this summer.

Anyone wanting more information can call on **0330 838 4254** (normal landline rates apply).

- ENDS -

Appendix D.6 News Update on LBB Website

[Home \(/\)](#) / [News \(/news\)](#)

Riverside Energy Park proposals

Cory Riverside Energy is preparing proposals for the proposed Riverside Energy Park, an integrated electricity generating system with up to 96 megawatts of electricity capacity (MWe), that would supply low carbon/renewable electricity to London's power distribution network.

The proposed Energy Park would be located on Norman Road in Belvedere, on land to the west of the existing Riverside Resource Recovery Facility and would form an important part of London's energy and resource management infrastructure

As well as generating clean energy from energy recovery, anaerobic digestion (for local food and green waste) and solar panels, the proposed Energy Park would also incorporate up to 20 MWh of battery storage to supply additional power to meet London's demand at peak times.

The proposed Energy Park would supply its power to the electricity network through a new buried cable connection, running south east to Littlebrook substation near Dartford. It would also incorporate on-site combined heat and power (CHP) infrastructure with the potential to supply a local district heating network.

Public information events to meet the team and find out more will be held as follows -

- **Tuesday 22 May** – The Dartford Bridge Learning and Community Campus, Birchwood Avenue, DA1 5GB, 9am to 1pm
- **Wednesday 23 May** – Belvedere Community Centre, Mitchell Close DA17 6AA, 4pm to 8pm
- **Thursday 24 May** – Slade Green and Howbury Community Centre, Chrome Road, DA8 2EL, 9am to 1pm
- **Friday 25 May** – Belvedere Community Centre, Mitchell Close DA17 6AA, 11am to 3pm

Further information about the proposals and how to submit feedback is also available on **Cory's Riverside Energy Park project website (<https://riversideenergypark.com/>)** between 9 – 29 May 2018. The deadline for submitting comments is 29 May 2018.

Further consultation on the proposals will take place later in the summer

Appendix D.7 Copy of postcards advertising Non-Statutory Public Exhibitions (May 2018)

WE'D LIKE YOUR FEEDBACK BY 29 MAY 2018



At Cory Riverside Energy we believe that using waste to help provide London with a safe, secure, affordable and sustainable energy supply makes great environmental and economic sense.

That's why we're preparing plans for a new Riverside Energy Park that could generate clean power using energy recovery (for non-recyclable waste), anaerobic digestion (for food and green waste) and solar panels.

Located next to our existing Riverside Resource Recovery Facility at Belvedere, it would also incorporate battery storage, to help us supply additional power to meet London's demand at peak times and on-site infrastructure with the potential to supply a local district heating network.

We'll be holding a full public consultation on our plans later this summer - but ahead of that we'd like to offer local people an early opportunity to find out more about what we're proposing and to give us your initial feedback.

We're holding four public events at venues near you and would like to invite you to drop in, find out more about our proposals and meet our team:

DATE	VENUE	TIME
Tuesday 22 May	The Dartford Bridge Learning & Community Campus, Birdwood Avenue, DA1 5GB	9am – 1pm
Wednesday 23 May	Belvedere Community Centre, Mitchell Close, DA17 6AA	4pm – 8pm
Thursday 24 May	Slade Green and Howbury Community Centre, Chrome Road, DA8 2EL	9am – 1pm
Friday 25 May	Belvedere Community Centre, Mitchell Close, DA17 6AA	11am – 3pm

WE LOOK FORWARD TO SEEING YOU AT THE EVENTS.

Don't worry if you can't attend these events. Information about our proposals is also available on the project website between 9 and 29 May. You can submit your feedback in the following ways:

On our project website: www.riversideenergypark.com

Email your feedback to: info@riversideenergypark.com

Send your comments to: **Freepost Riverside Energy Park**

OR CALL US ON: 0330 838 4254

(normal landline rates apply)

We will also be holding a further consultation on the proposals later in the summer.

The deadline for submitting your comments is 29 May 2018. After that we will consider your feedback and use this to inform our proposals ready for the consultation in summer 2018.

Appendix D.8 Copy of posters advertising Non-Statutory Public Exhibitions (May 2018)

PUBLIC EXHIBITIONS

WE'D LIKE TO KNOW WHAT YOU THINK

Find out more, meet our team, ask us questions you may have and give us your comments.

Cory Riverside Energy is progressing plans to construct Riverside Energy Park, an integrated electricity generating station, that would help convert more of London's non recyclable waste into low carbon renewable energy. Our proposed Energy Park would be located on Norman Road in Belvedere, west of our existing Riverside Resource Recovery Facility. We will need to install a buried electrical connection between Belvedere and Littlebrook, running along roads through Belvedere, Erith and Slade Green.

We'll be holding a full public consultation on our plans later this summer – but ahead of that we'd like to offer local people an early opportunity to find out more about what we're proposing and to give us your initial comments.

We're holding four public events at venues near you and would like to invite you to drop in and meet our team:

DATE	VENUE	TIME
Tuesday 22 May	The Dartford Bridge Learning & Community Campus, Birdwood Avenue, DA1 5GB	9am – 1pm
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Thursday 24 May	Slade Green and Howbury Community Centre, Chrome Road, DA8 2EL	9am – 1pm
Friday 25 May	Belvedere Community Centre, Mitchell Close, DA17 6AA	11am – 3pm

WE LOOK FORWARD TO SEEING YOU AT THE EVENTS

If you can't attend one of the events, you can find out more about our proposals via the project website, and submit your comments as set out below. You will also be able to attend our full consultation events in the summer.

Please fill out a comments form on our project website:

www.riversideenergypark.com

Email your comments to: info@riversideenergypark.com

Send your comments to: **Freepost Riverside Energy Park**

OR CALL US ON:

0330 838 4254

(normal landline rates apply)

FORMS AND COMMENTS ARE REQUESTED TO BE RETURNED BY 29 MAY 2018

Appendix D.9 Twitter Posts advertising Non-Statutory Public Exhibitions (May 2018)



Cory Energy @CoryEnergy · May 29



Plans for proposed Riverside Energy Park In Belvedere go on show to local community for the first time: buff.ly/2IPrCqZ #EfW



**Appendix D.10 Photographs of Non-Statutory
Public Exhibitions (May 2018)**







CORY
RIVERSIDE ENERGY

HAVE YOUR SAY ON
**RIVERSIDE
ENERGY**

COMMENTS FORM – CONSULTATION SPRING

Cory Riverside Energy is progressing plans to construct Riverside Energy Park, an integrated electricity generating station, that would help convert more of London's energy needs to...

You can give us your comments by leaving this form at one of our public exhibitions, or:
Your comments will be...

INTRODUCING
**RIVERSIDE
ENERGY PARK**





