

## SCHEDULES

### SCHEDULE 1

Article 3

#### AUTHORISED DEVELOPMENT

##### Commencement Information

**II** Sch. 1 in force at 1.5.2020, see [art. 1](#)

A nationally significant infrastructure project as defined in section 14(1)(a) (nationally significant infrastructure projects: general) and section 15 (generating stations) of the 2008 Act being a generating station with a capacity of over 50 megawatts but below 300 megawatts and associated development under sections 115(1) and (2) (development for which development consent may be granted) of the 2008 Act comprising all or part of—

In the London Borough of Bexley

Work No. 1 — Works to construct an integrated energy park—

- (a) Work No. 1A — an energy recovery facility with a capacity to process up to 805,920 tonnes of waste per calendar year including—
- (i) fuel reception and storage facilities consisting of a tipping hall and vehicle ramp(s), shredder, solid fuel storage bunker, cranes and handling equipment;
  - (ii) waste processing lines, each line including a feed hopper, ram feed, air cooled moving grates, a boiler and steam systems, combustion air systems and flue gas treatment facilities including residue and reagent storage silos and tanks;
  - (iii) associated induced fans and emissions control monitoring systems;
  - (iv) up to two emission stacks;
  - (v) a steam turbine incorporating at least 30 megawatts heat off-take for district heating and electrical generator (if not constructed and installed as part of Work No. 2);
  - (vi) an integrated protection system and uninterruptable power supplies; and
  - (vii) bottom ash conveyors, including storage bunker, crane and ash collection bay.
- (b) <sup>F1</sup>Work No. 1B— an anaerobic digestion system with a capacity to process up to 40,000 tonnes of waste per calendar year including—
- (i) fuel reception and storage facilities as constructed for Work No. 1A;
  - (ii) conveyor and feed system;
  - (iii) anaerobic digester, dryers and integrated heating system;
  - (iv) solid digestate treatment equipment, handling and storage;
  - (v) ventilation and air collection system;

**Changes to legislation:** There are currently no known outstanding effects for the The Riverside Energy Park Order 2020, SCHEDULE 1. (See end of Document for details)

- (vi) emission stack;
  - (vii) gas flare;
  - (viii) combined heat and power plant, including combined heat and power engine;
  - (ix) an electrical switchyard, including switchgear and transformer;
  - (x) gas storage and upgrading equipment; and
  - (xi) associated gas and process heat pipes.
- (c) Work No. 1C — solar photovoltaic panels on all or part of Work No. 1E and, should a steam turbine building be constructed as part of Work No. 2, on all or part of the steam turbine building forming part of Work No. 2, switchgear, inverters, transformers and permanent equipment for maintenance.
- (d) Work No. 1D — a battery storage facility including—
- (i) battery energy storage cells;
  - (ii) transformers;
  - (iii) protection cabinets; and
  - (iv) switch gear and ancillary equipment.
- (e) Work No. 1E — a building with roof enclosing and/or supporting all or part of Work Nos. 1A, 1B, 1C and 1D.

**Textual Amendments**

**F1** Words in [Sch. 1](#) substituted (10.3.2021) by [The Riverside Energy Park \(Correction\) Order 2021 \(S.I. 2021/273\)](#), art. 1(2), [Sch.](#)

**Textual Amendments**

**F1** Words in [Sch. 1](#) substituted (10.3.2021) by [The Riverside Energy Park \(Correction\) Order 2021 \(S.I. 2021/273\)](#), art. 1(2), [Sch.](#)

Work No. 2 — Works to construct—

- (a) a cooling system comprising air-cooled condensers; and
- (b) if not constructed and installed as part of Work No. 1A, a steam turbine incorporating at least 30 megawatts heat off-take for district heating and electrical generator and a steam turbine building to house all or part of the same.

Work No. 3 — Works to construct and install combined heat and power equipment including heat exchangers, pipework (including flow/return pipework, valving, pumps, pressurisation and water treatment systems).

Work No.4 — Works to construct an electrical substation including switchgear, and transformer, busbar sections, integrated protection scheme and uninterruptable power supplies.

Work No. 5 — Works to construct or install supporting buildings and facilities, including—

- (a) diesel storage tanks;
- (b) a process effluent storage tank;
- (c) a demineralised water treatment plant;
- (d) fire water tank, pump room(s) and fire protection facilities;
- (e) a control room;
- (f) administration block(s);
- (g) a fully integrated distributed control system;
- (h) workshop(s) and associated stores;
- (i) spare parts storage facilities;
- (j) security gatehouses and barriers;
- (k) weighbridges;
- (l) a heavy goods vehicle holding area;
- (m) an external fuel container storage area;
- (n) emergency stand-by generator(s);
- (o) infrastructure for the transmission and/or storage of compressed natural gas;
- (p) an outage contractor compound; and
- (q) a permanent contractor laydown area.

Work No. 6 — Works to construct and install supporting infrastructure, including—

- (a) pipework (including flow/return pipework), cables, telecommunications, other services and associated infrastructure;
- (b) site drainage, waste management, water, wastewater, other services and associated infrastructure;
- (c) new or alteration to accesses, a vehicular access road and internal vehicular access road, vehicle turning, waiting and parking areas; and
- (d) vehicle parking.

Work No. 7 — Works to construct and install from Work No. 6 pipes and cables.

Work No. 8 — Works to construct temporary construction compounds including—

- (a) hard standing;
- (b) vehicle parking;
- (c) accommodation block(s);
- (d) new or alteration to accesses; and
- (e) construction fabrication areas.

In the London Borough of Bexley and the Borough of Dartford

Work No. 9 — Works to construct and install an electrical connection including—

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- (a) 132kV electrical underground and overground cables and associated telemetry and electrical cabling;
- (b) cable trenches, ducting and jointing pits;
- (c) above ground cable trough structures which are either freestanding or attached to highway structures;
- (d) temporary construction compounds; and
- (e) new or alteration to accesses.

In the Borough of Dartford

Work No. 10 — Works to connect the electrical connection (Work No. 9) to the Littlebrook substation and associated improvements.

In connection with and in addition to Work Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9 and 10 and, to the extent that it does not otherwise form part of those Work Nos., further associated development within the Order limits including—

- (a) external lighting infrastructure, including perimeter lighting columns;
- (b) fencing, boundary treatment and other means of enclosure;
- (c) demolition of existing buildings and structures;
- (d) signage;
- (e) CCTV and other security measures;
- (f) surface and foul water drainage facilities;
- (g) potable water supply;
- (h) new telecommunications and utilities apparatus and connections;
- (i) hard and soft landscaping;
- (j) biodiversity enhancement measures and environmental mitigation measures;
- (k) works permanently to alter the position of existing telecommunications and utilities apparatus and connections;
- (l) works for the protection of buildings and land; and
- (m) site establishment and preparation works, including site clearance (including temporary fencing and vegetation removal), earthworks (including soil stripping and storage and site levelling) and excavations, the creation of temporary construction access points and the temporary alteration of the position of services and utilities apparatus and connections,

and such other buildings, structures, works or operations and modifications to, or demolition of, any existing buildings, structures or works as may be necessary or expedient for the purposes of or in connection with the construction, operation and maintenance of the works in this Schedule 1, but only within the Order limits and insofar as they are unlikely to give rise to any materially new or materially different environmental effects from those assessed in the environmental statement.

**Changes to legislation:**

There are currently no known outstanding effects for the The Riverside Energy Park Order 2020, SCHEDULE 1.