

Delegated Report

KCC Consultation

Application no: 20240216

Location: Land At Barrack Row And Garrick Street Gravesend Kent

Description: KCC Consultation - Non-material amendment to planning application GR/20/848 to change the Heavy Commercial Vehicle Charger initially selected in the original planning application

Applicant: Kent County Council Planning Applications Group

Site Visit Date: N/A

Introduction

Kent Country Council (KCC), as the determining Planning Authority, has consulted Gravesham Borough Council (GBC) for its views on a non-material amendment to planning permission GR/20/848 to change the Heavy Commercial Vehicle Charger initially selected in the original planning application.

Submitted Documents/Plans

The information submitted to the Council is:

- KCC Consultation Letter.

The planning application documents which are available on KCC's website consist of:

- Application form;
- Drawing no. 14355-OS – OS Location/Block Plan;
- Drawing no. 14355-001 – Existing Site Plan;
- Drawing no. 0-005325 – Link Charger 1x450kW Kent;
- Drawing no. 14355-002 – Proposed Site Plan;
- Drawing no. 14355-003 – Existing Elevations;
- Drawing no. 14355-004 – Proposed Elevations;
- Drawing no. 14355-005 – Equipment and Details;
- Covering Email from Agent;
- Annex No. 1 – Technical Card of Product.

Relevant Planning History

Reference	Description	Decision	Decision Date
20200848	KCC Consultation KCC/GR/0162/2020 -The installation of one canopy and two heavy commercial vehicle (bus) charging points in Garrick Street and two canopies in Barrack Row, and associated landscaping works and street furniture in connection with the Gravesend Bus Hub.	No objection.	18.09.2020

Analysis

Planning permission was granted by KCC for the installation of one canopy and two heavy commercial vehicle (bus) charging points in Garrick Street and two canopies in Barrack Row and associated landscaping works and street furniture in connection with the Gravesend Bus Hub under application ref. GR/20/848 (KCC/GR/0162/2020).

The current application seeks to amend the proposal (by way of a non-material amendment) to change the type of charger to be used.

In the approved application ref. GR/20/848 (KCC/GR/0162/2020) the type of charger to be used was to be the 'OppCharger protocol Pantograph down' type by ABB and the proposal is for the Link Charger 450kW Panto Down by EKO Energetyka.

The reason given for the change is that the new proposed chargers offer a more viable economic solution for the Council's proposal to provide a decarbonised transport solution and that additionally the new proposed chargers would have a reduced visual and spatial impact.

The dimensions and appearance of the approved and proposed chargers are:

Approved under GR/20/848 (KCC/GR/0162/2020):

Dimensions (W,D,H)

Power cabinet : 1170 x 770 x 2030 mm
Pole: 4850 x 1060 x 5820 mm

Pantograph Down

Charge electric buses following the OppCharge protocol

ABB offers an ideal solution to charge electric buses fully automated following the OppCharge protocol. With typical charge times of 3 to 6 minutes the system can easily be integrated in existing operations, ensuring zero-emission public transit during the day without impacting on the normal operation of the route.

Main features and key benefits:

- Voltage range from 150-850 V
- Power range of 150-300-450-600 kW
- Charge in 3 to 6 minutes
- One charger can serve multiple vehicle types and brands
- Safe and reliable fully automated connection
- Compliant with OppCharge / IEC 61851-23
- OCPP compliant
- Remote diagnostics and management tools



Pantograph Down specification – Overnight & Opportunity charging

Technical specifications	
Power	150 kW, 300 kW, 450 kW, 600 kW
Input AC connection	3P + PE
Rated input current & power (per 150 kW power cabinet)	3 x 250 A, 173 kVA
Input voltage range	400 V AC +/- 10% (50 Hz or 60 Hz)
Maximum output current (per 150 kW power cabinet)	250 A
	Max is 600 A (limited by pantograph)
Output voltage range	150-850 V DC
DC connection standard	IEC 61851-23 / OppCharge
Connection method between charger and bus	4-pole automatic connection system
Environment	Indoor / Outdoor
Operating temperature	Standard: -10 °C to +50 °C Optional: -35 °C to +50 °C
Dimensions (W,D,H)	Power cabinet : 1170 x 770 x 2030 mm Pole: 4850 x 1060 x 5820 mm
Network connection	CSM / 3G modern 10/100 base-T Ethernet
Protection	IP54- IK10

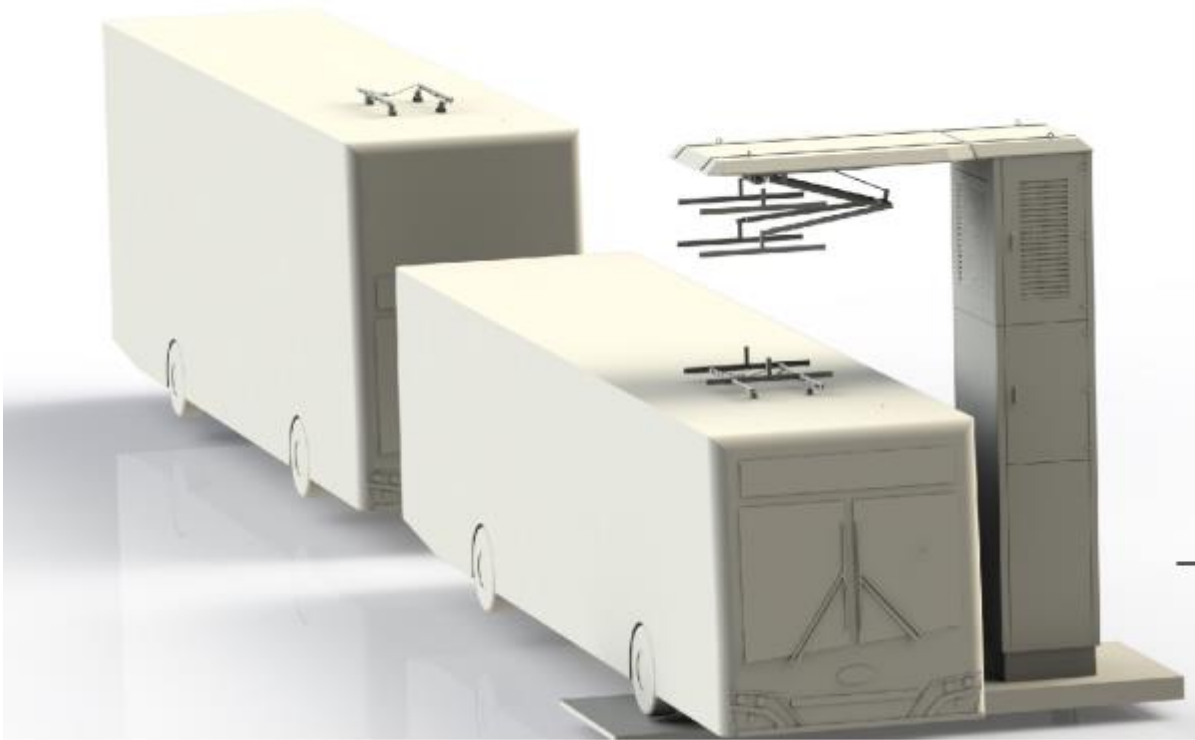
01 HVC-450PQ with 450 kW power cabinet and standard charge pole



Proposed new design type:

Overall
dimensions
[H x W x D]

4990 x 1360 x 795



The proposed new charger design would be of a similar appearance to the approved charger and no larger, in respect of width and depth it is stated that overall the charger would be smaller than what has been approved. As such it is considered that the proposed charger design would be acceptable in respect of design, character and appearance and in line with Policy CS19 LPCS). The Borough Council therefore raises no objections to the proposed new design for the Heavy Commercial Vehicle Charger. KCC should ensure that the development meets the requirements of a non-material amendment:

There is no statutory definition of “non-material”. This is because it will be dependent on the context of the overall scheme-an amendment that is non-material in one context may be material in another. The local planning authority must be satisfied that the amendment sought is non-material to grant an application under Section 96A of the Town and Country Planning Act 1990. (Planning Practice Guidance Reference ID: 17a-002-20140306).

Moreover, the Borough Council requests that KCC ensure that the development accords with the local and national planning policy.

Recommendation: Observations Sent

See draft Decision

Case Officer:	Ms Rebecca Harrison	Team Leader:	Miss Faye Hobbs
Signed:	<i>Rebecca Harrison</i>	Signed:	
Dated:	3 rd April 2024	Dated:	03 April 2024