

Committee(s)	Dated:
Barbican Residents Consultative Committee - For information Barbican Residential Committee – For information	25 November 2024 9 December 2024
Subject: Power Purchase Agreement (PPA)	
Which outcomes in the City Corporation’s Corporate Plan does this proposal aim to impact directly?	Providing Excellent Services and Leading Sustainable Environment
Does this proposal require extra revenue and/or capital spending?	N/A
If so, how much?	N/A
What is the source of Funding?	N/A
Has this Funding Source been agreed with the Chamberlain’s Department?	No
Report of: City Surveyor	
Report author: Emma Bushell & Dan Sanders	

Summary

The purpose of this report is to provide the Barbican Committees with a high-level overview of the City Corporation’s Power Purchase Agreement (PPA) and the benefit due to the Barbican Estate.

Recommendation

Members are asked to:

- Note the contents of this report

Main Report

Background

1. In 2020, the City Corporation signed a power purchase agreement (PPA) with Voltalia, an international Energy Producer and Service Provider. This agreement meant the City Corporation would purchase the electricity generated from a 95,000-panel solar farm in Dorset for 15 years.
2. The agreement was the first of its kind in the UK to be directly signed between a renewable energy generator and a governing authority. It promised to provide the City Corporation with verifiable renewable electricity and save millions of pounds in energy costs.
3. The agreement officially came into effect in January 2023 and to date, the PPA has generated just over 98 million kWh of electricity and saved the City Corporation £12.2 million in energy costs. This PPA-generated electricity accounts for 70% of the total electricity consumed across the corporate estate.
4. These savings are generated because the agreed price we pay for PPA-generated electricity (£ per MWh) is lower than the price on the wholesale market. These savings are then distributed to the City Corporations sites as a credit based on their monthly consumption.

Impact on the Barbican Estate

5. To date the Barbican Estate has received £1.7 million in PPA credits. Table 1 overleaf, shows how this is split between each of the Barbican Estate sites.

Site Name	Total
BEO Andrews House	£139,597.15
BEO Barbican Estate - Frobisher	£5,585.66
BEO Ben Johnson	£161,528.11
BEO Brandon Mews	£14,298.32
BEO Breton House	£60,060.69
BEO Bryer Court	£38,315.22
BEO Bunyan Court	£46,456.01
BEO Cromwell Tower	£154,904.37
BEO Defoe House	£138,245.95
BEO Gilbert House Switchroom	£79,747.12
BEO John Trundle Court	£78,541.27
BEO Lauderdale Place (Barbican Estate Office)	£6,107.99
BEO Lauderdale Tower	£155,545.96
BEO Mountjoy House	£43,336.52
BEO North & South Comm Switchrooms	£1,346.87
BEO North & South Garchey	£12,139.47
BEO North and South Comm Switchrooms	£1,352.88
BEO North and South Garchey	£8,106.46
BEO Seddon House	£58,367.24
BEO Shakespeare Tower	£148,793.53
BEO Speed House	£50,837.38
BEO Thomas More	£132,416.05
BEO Wallside & Postern	£20,615.82
BEO Wallside and Postern	£8,550.86
BEO Willoughby	£171,739.20
Grand Total	£1,736,536.10

Corporate and Strategic Implications

Strategic implications

6. This report contributes to the outcome “Providing Excellent Services” in the Corporate Plan.

Financial implications

7. Potential service charge implications as per report.

Legal implications

8. There are no legal implications.

Report Author

Emma Bushell

Energy and Carbon Manager, City Surveyor's Department
E: emma.bushell@cityoflondon.gov.uk