

Members Questions
Executive 19 May 2020

Agenda Item 6 – Energy Supply Contract Renewal

Cllr Phil Bullivant

Question

How much electricity does the Council generate through its own solar panels and how is this income reflected in the current cost model

Response from the Portfolio Holder for Climate Change

Solar PV systems installed on TDC properties have been connected “behind the meter.” This means that solar PV generation will offset or reduce energy consumption from the grid. This reduction in grid energy consumption is automatically accounted for within meter readings and is, therefore, accounted for within energy billing as a reduced consumption cost.

Feed in Tariff payments are dealt with separately to utility billing. Feed in Tariff payments are paid to TDC from British Gas on a £/kWh basis. The Feed in Tariff is paid to TDC for each unit of energy generated by solar PV, regardless of whether it is consumed on-site or exported to the grid. Feed-in-Tariff income is accounted for within the ongoing existing budget.

In summary, solar PV is estimated to have generated c. 102,300 kWh of energy in the financial year 19/20, which produced an income of c. £17,400 through the Feed-in-Tariff and export payments (this figure does not include reconciliation from previous years). Reduced grid energy consumption has also been reflected within meter readings and reduced utility billing costs.