



Nottingham

City Council

**Carbon Reduction,
Energy and
Sustainability**

Utilities Report 2017-18 to 2020-21



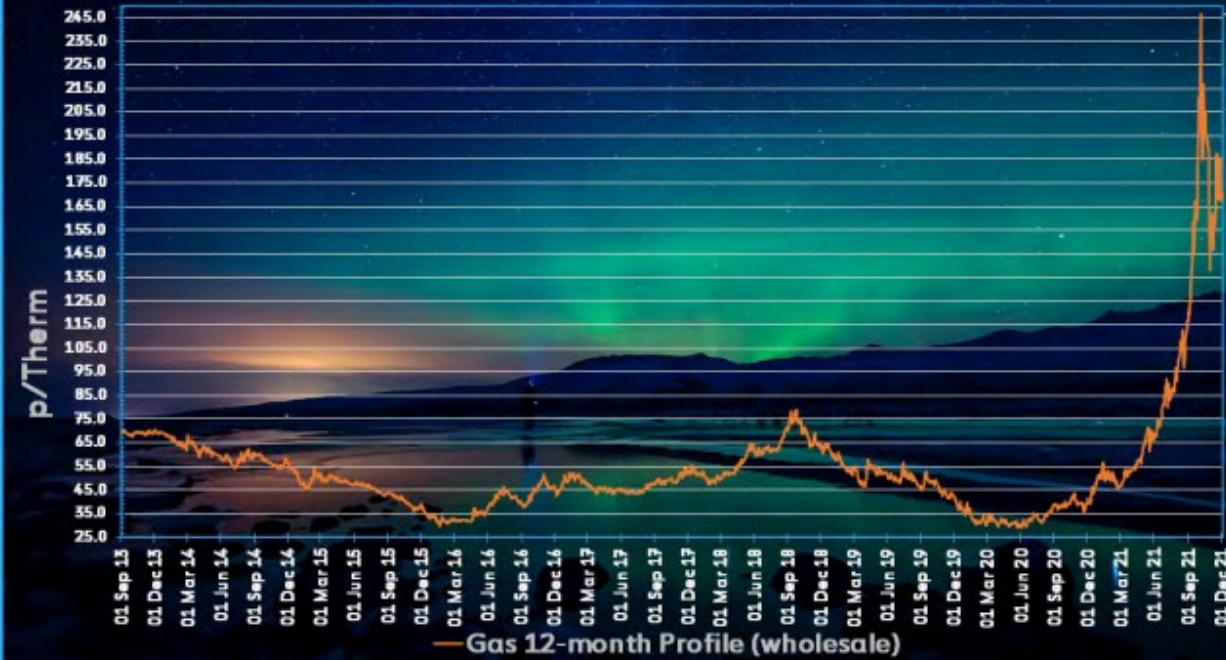
Background

- Manage
 - 1237 electricity supplies
 - 406 gas supplies
- Consumption
 - Electricity reduced by 24% since 2017-18
 - Gas reduced by 14% since 2017-18
- Avoided in year rise of £1.2M based on Sept 21 pricing, due to locking in for electricity in February 2020

Gas Wholesale Prices

Profiled (12 month contract) since September 2013

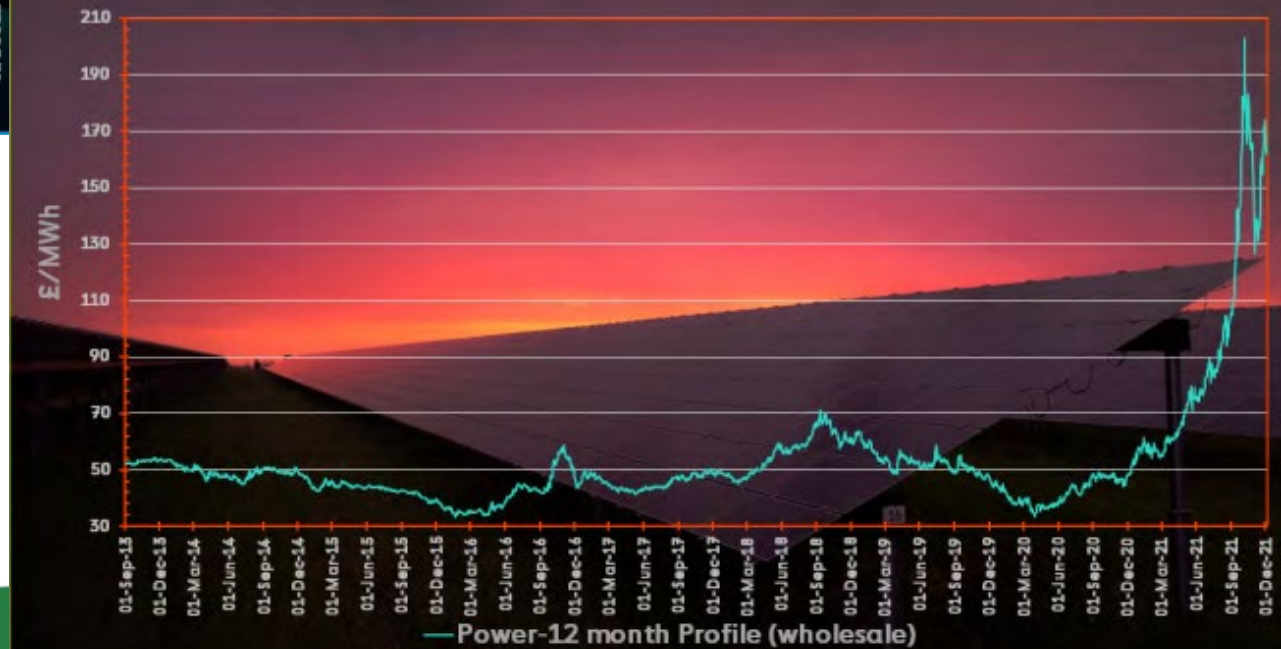
zenergi Market Watch



Power Wholesale Prices

Profiled (12 month Contract) since September 2013

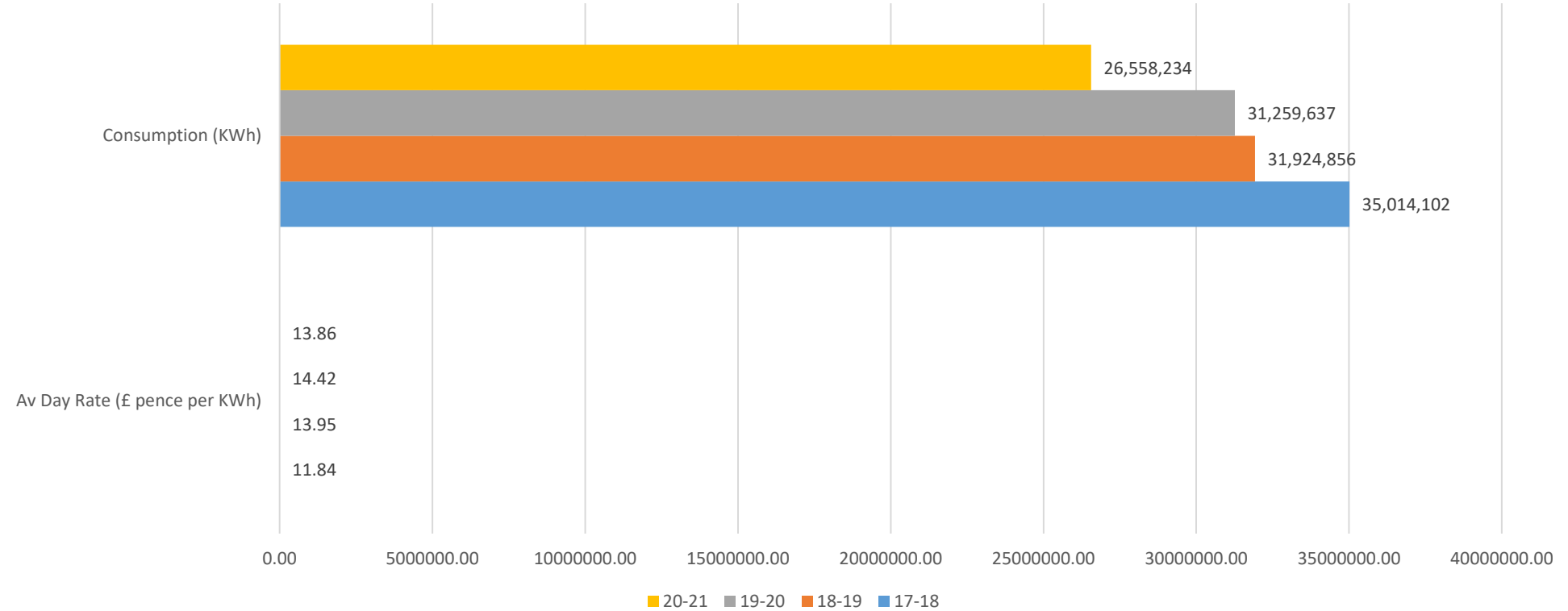
zenergi Market Watch



Carbon Reduction, Energy and Sustainability supports organisations to switch to renewable and low carbon energy solutions

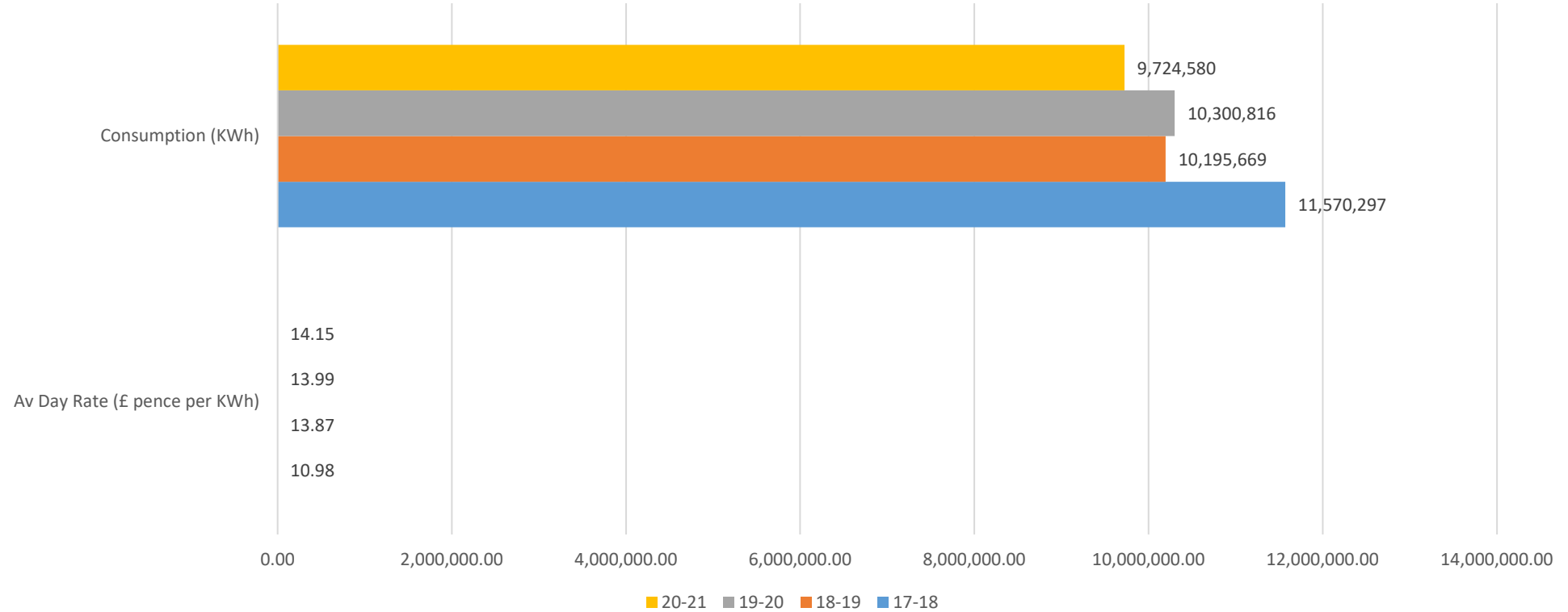
customerservices@energyservices-ncc.gov.uk | 0115 955 6677 | www.energyservices-ncc.co.uk

Electricity



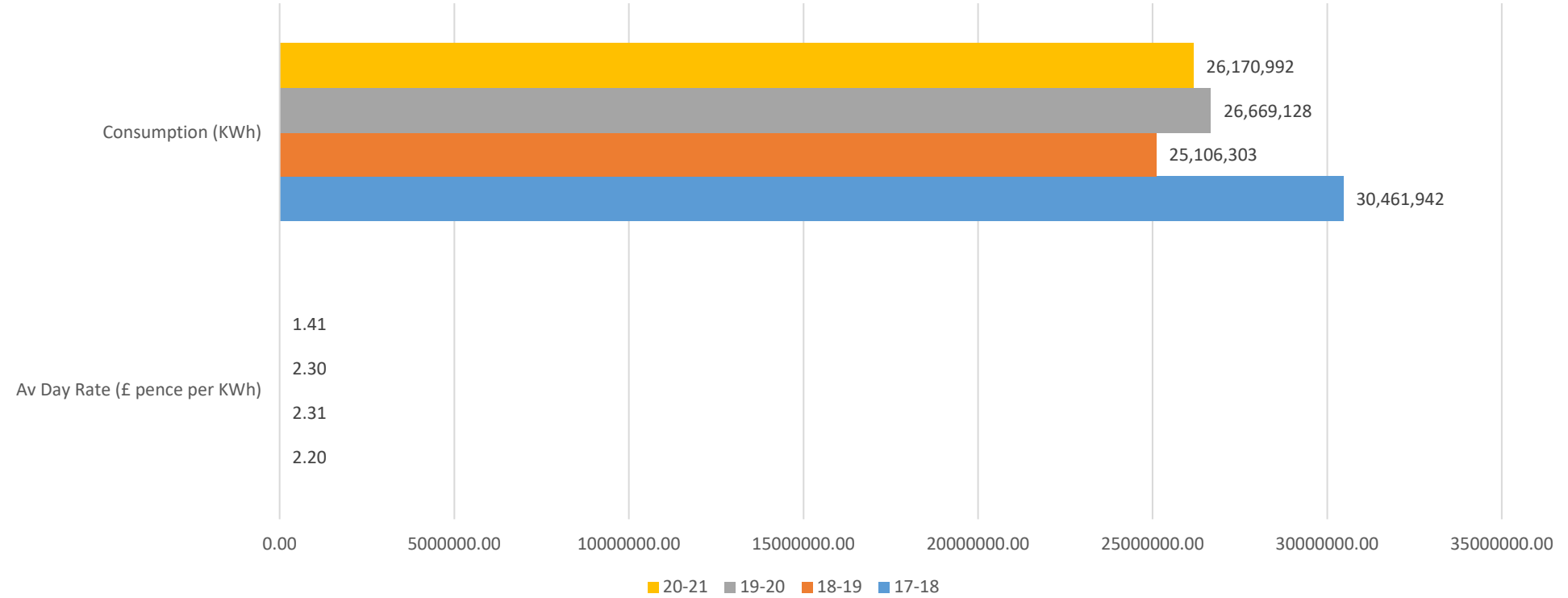
- Total Costs reduced by 10% since 17-18
- Consumption reduced by 24%
- Cost of electricity has risen by 17%
- CCL costs increased by 38%

Street Lighting



- Total Costs increased by 1% since 17-18
- Consumption reduced by 16%
- Cost of electricity has risen by 29%
- CCL costs increased by 20%

Gas



- Total Costs reduced by 38% since 17-18
- Consumption reduced by 14%
- Cost of gas has reduced by 36% (NB current rate is 2.14p so a 3% decrease)
- CCL costs increased by 75%

Conclusions

- Wholesale price of electricity has risen from £37 to £152 per MWh
- Wholesale price of gas has risen from £48 to £167 per MWh
- Explore potential for a corporate PPA for part or all of the corporate estate
- Look into other purchasing strategies, fixed vs flexible, which is best in current volatile market
- How are buildings currently used, closure of parts of buildings in the new hybrid way of working
- Support proposals in stopping all unnecessary heating in operational buildings from April to September