

A scenic photograph of a park area. In the foreground, a calm pond reflects the sky and surrounding greenery. A person is seen in a small boat on the water. To the right, a large, modern building with a glass facade and a flat roof stands prominently. The building has several tall, thin columns supporting its overhang. People are walking on a path near the building. The background is filled with lush green trees under a bright blue sky with scattered white clouds.

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Green Park Environmental Forum

Rachel Widdows | 13th March, 2018

Agenda

1. Update from last meeting
2. Update on energy management and waste management
3. What is the Forum for and what do we (Occupants and Green Park team) want to get out of it?
4. Key Dates and Events coming up
 - Earth Hour – 24/03/2018 – what is it and how to get involved
 - Other key dates
5. AOB
6. Q and A / Networking

Feedback from last meeting

Small power energy use in office buildings

A number of suggestions as to how usage could be reduced;

- Replacing high consuming devices with more efficient ones
- Use timers for printers and devices in the kitchen
- Turning off desktop computers at workstation and TV screens in the meeting room
- Education of office workers through on-line material on office energy efficiency (please see: <https://www.carbontrust.com/resources/guides/energy-efficiency/employee-awareness-and-office-energy-efficiency/>)
- Meeting with Dan Williams with reference to supplying small power monitoring plug in devices and platform for reviewing usage took place on 12th March 2018.
- Some modifications adopted within the Green Park Management office to reduce energy consumption.

Sustainability Update

Completed in 2017 budget year

- Green Park Estate
 - Final 20% of the Estate, Willow Walk and 400 South Oak Way street lighting changed to LED lighting.
- 400 South Oak Way
 - Low level, high level, and car park lighting changed to LED lighting.
- 100 Brook Drive
 - Boiler control modifications. Estimated saving of 10 to 15% per annum
- 100 Longwater Avenue
 - Water Softener has been replaced (reduction in consumption of water) and a Water Tank has been replaced as the previous unit was leaking.

Sustainability Update

Plans for coming year

- 100 Longwater Avenue
 - Looking at feasibility and cost effectiveness of installing bespoke chiller controls to reduce energy consumption.
- 100 Longwater Avenue East Wing
 - Corridor lighting scheme (LED) being looked into alongside removal of ceiling grid.
- 200 Longwater Avenue
 - Potential energy objectives being reviewed and targets to be agreed.
 - High bay lighting in atrium LED alternative feasibility and cost effectiveness being looked into
- 250 Longwater Avenue
 - Roof lighting change to LED lighting has been instructed.
 - High bay lighting in atrium LED alternative feasibility and cost effectiveness being looked into.
- 200 / 250 Longwater Avenue Car Park
 - Lower Deck Car Park lighting change to LED lighting has been instructed.

Sustainability Update – cont'd

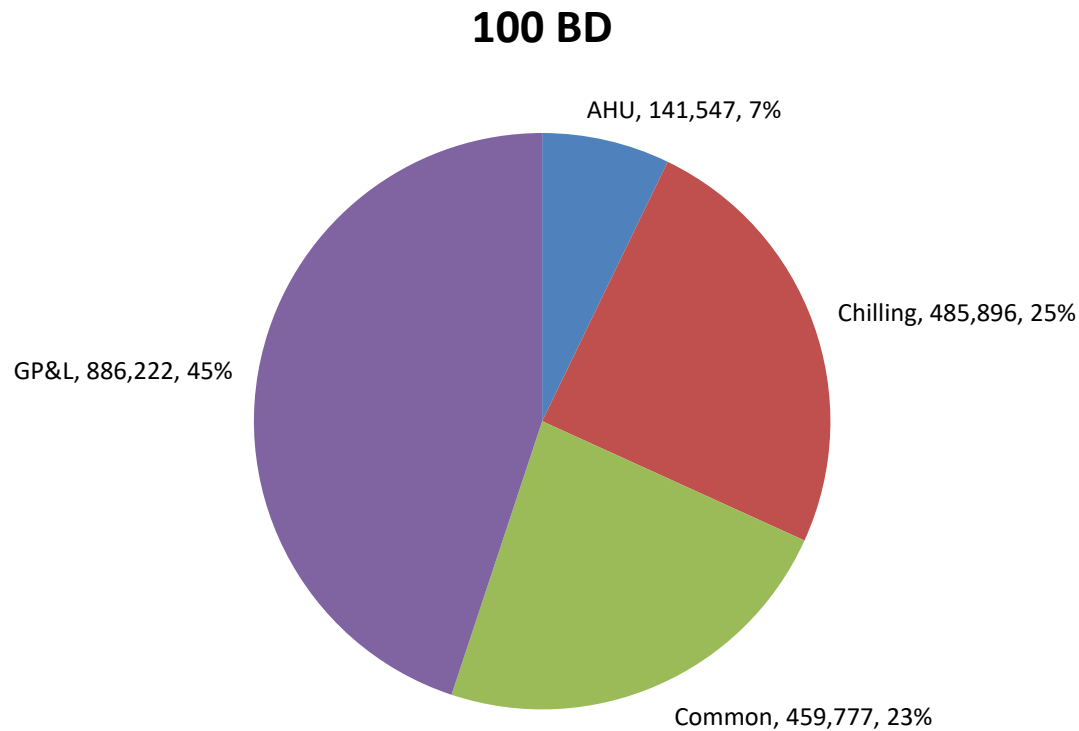
- 100 Brook Drive
 - Insulation of LTHW and CHW pipework has been instructed.
 - Replacement of AHU motors with energy efficient motors has been reviewed. The payback would be in excess of 10 years and therefore this initiative has been archived. Looking at cost effectiveness of installing inverter drives instead.
 - Looking at feasibility and cost effectiveness of installing LED lighting / light sensors in the stairwells.
 - Looking at feasibility and cost effectiveness of installing bespoke chiller controls to reduce energy consumption.
 - High bay lighting in atrium LED alternative feasibility and cost effectiveness being looked into.
- 250 South Oak Way
 - Installation of timer control for toilet electric panel heaters feasibility and cost effectiveness being reviewed.

The background image shows a modern glass-walled building with a flat roof, situated next to a pond. The pond is surrounded by lush green trees and reeds. A person is seen in a small boat on the water, and a large group of ducks is gathered near the shore. The sky is blue with scattered white clouds. The text 'GreenPark' is in a bold, black font, with a green square icon containing a white 'G' to its right. Below it, the tagline 'Discover better' is written in a smaller, black font.

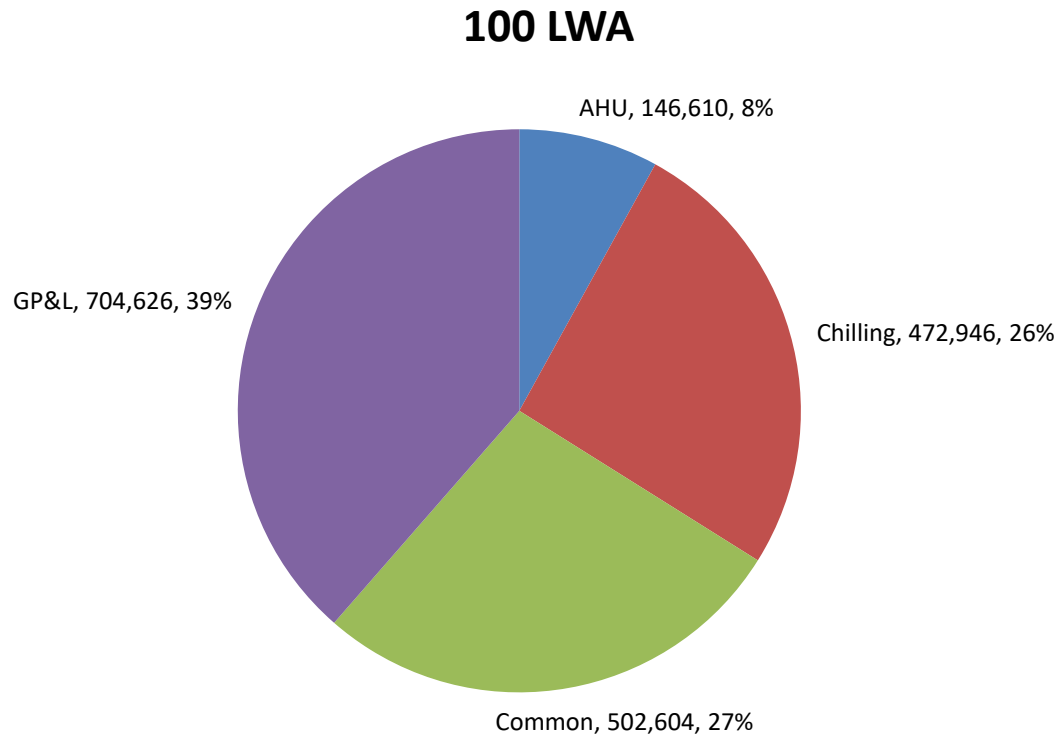
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Update – Energy Management

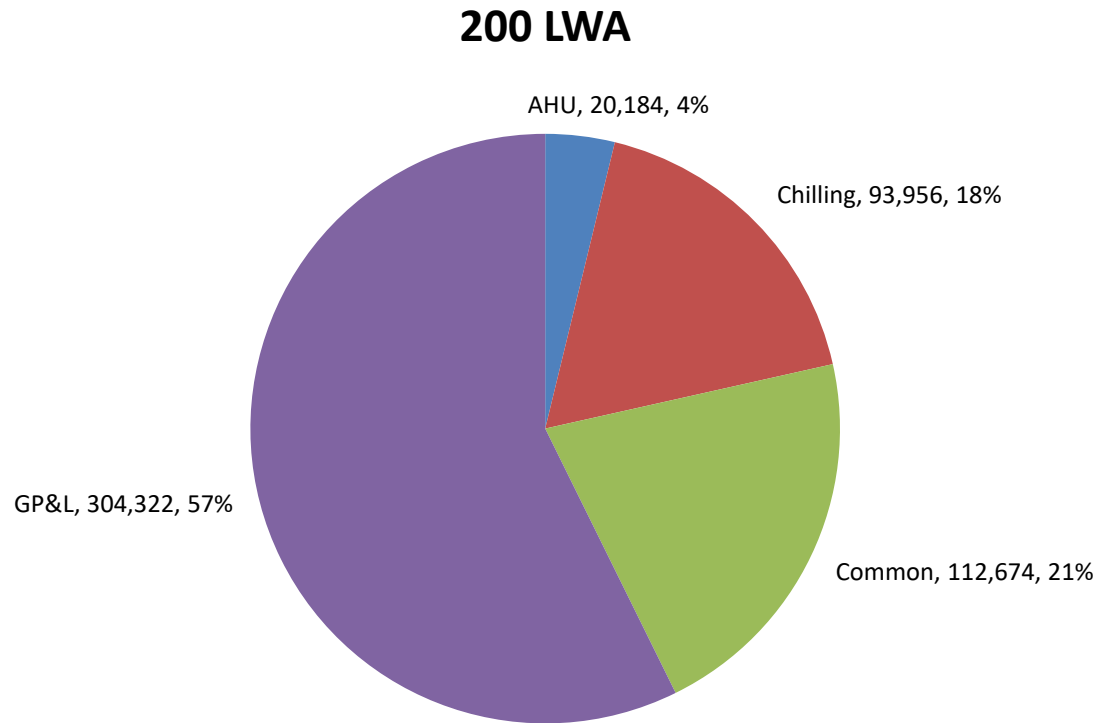
Green Park Major Energy Users



Green Park Major Energy Users

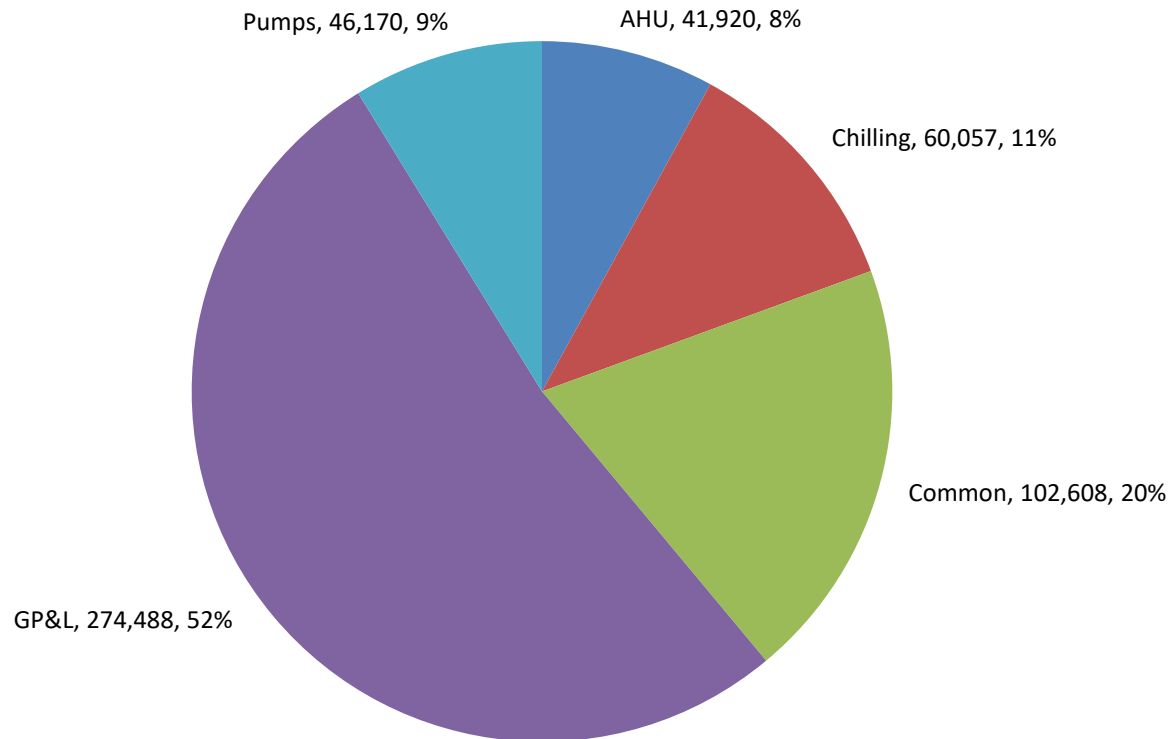


Green Park Major Energy Users



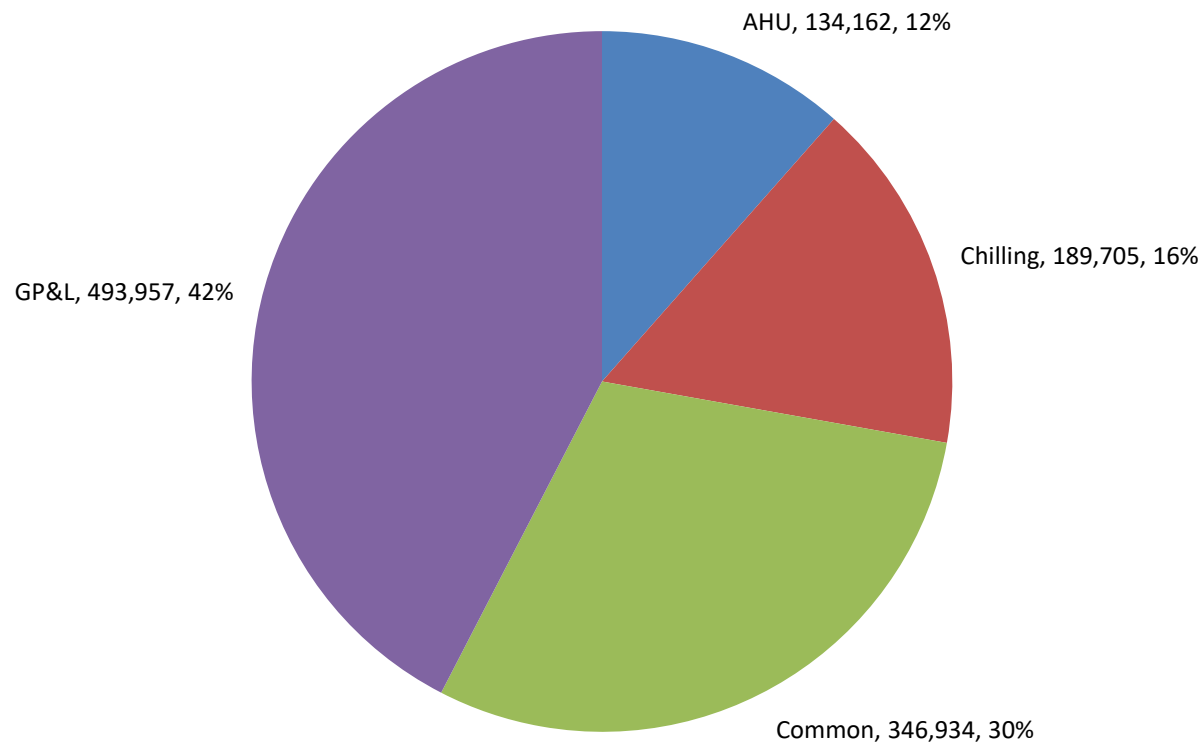
Green Park Major Energy Users

250 LWA



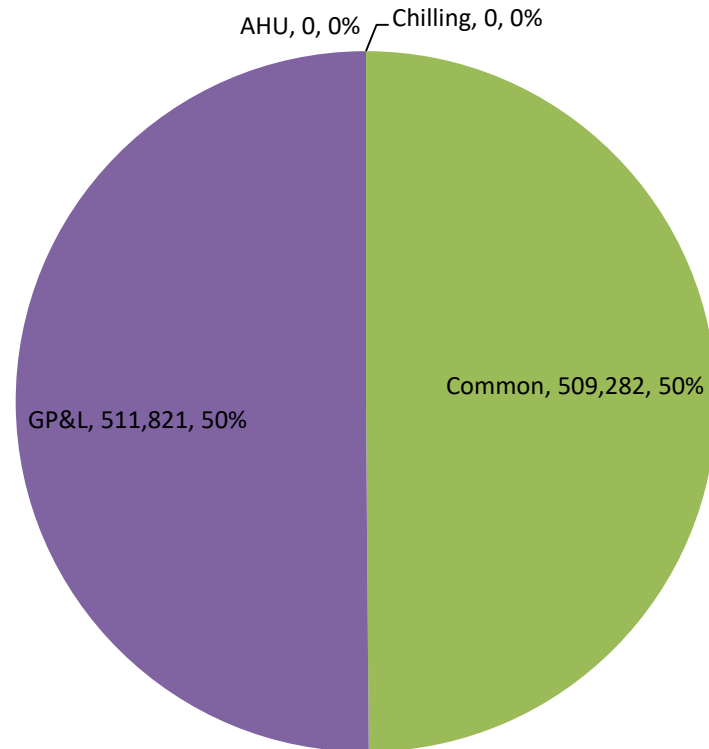
Green Park Major Energy Users

400 SOW



Green Park Major Energy Users

250 SOW



Annual Energy Consumption

The annual energy consumption is recorded and reported on from 1st April to 31st March.

2017 / 2018 information will be collated in April and will be presented at the next environmental Forum.

The image shows a modern glass-walled building with a flat roof and tall support columns on the right. In the foreground, there is a pond with a person in a small boat on the left and a large group of ducks on the right. The background is filled with lush green trees under a blue sky with scattered white clouds. The text 'GreenPark' is in a bold black font with a green square logo containing a white 'P' to its right. Below it, the tagline 'Discover better' is written in a smaller, regular black font.

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Update – Waste Management

Monthly activity report: January 2018

Client: Not Just Cleaning Ltd

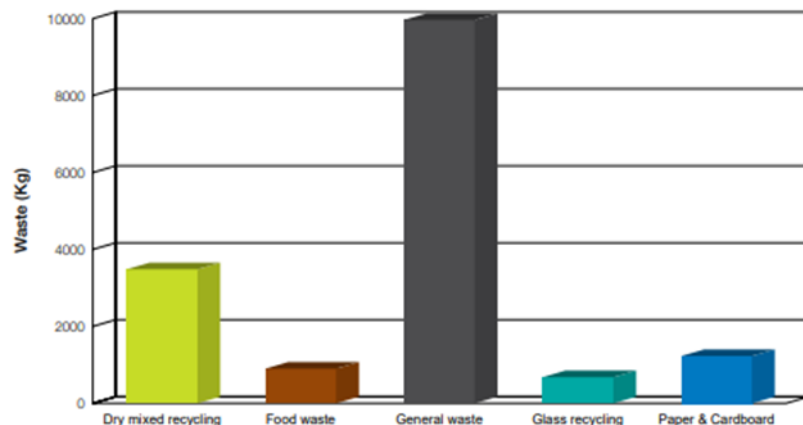
waste hierarchy

waste management



WASTE DESCRIPTION	EWK CODE	LIFTS THIS PERIOD	TOTAL WEIGHT	PROCESS	HIERARCHY
Food waste	20 01 08	17	705 Kg	Anaerobic digestion	Recycling
Food waste	20 01 08	3	195 Kg *	Anaerobic digestion	Recycling
Dry mixed recycling	15 01 06	149	3,000 Kg	Materials recycling facility	Recycling
Dry mixed recycling	15 01 06	5	485 Kg *	Materials recycling facility	Recycling
Glass recycling	15 01 07	7	679 Kg *	Materials recycling facility	Recycling
Paper & Cardboard	20 01 01	45	1,230 Kg	Materials recycling facility	Recycling
General waste	20 03 01	224	9,965 Kg	Energy-from-waste	Recovery

CHART: QUANTITIES OF EACH WASTE STREAM PRODUCED



WASTE TOTALS

0 Kg	DISPOSAL
9,965 Kg	RECOVERY
6,294 Kg	RECYCLING
16,259 Kg	

39%



61%

Highlights!

- Recycling has increased by 8% in this quarter alone
- Actual recycling in Kg's has increased by 1300kg between the months of December and January
- Card and Paper are now capturing 1230Kg a month making it our third biggest stream in just one quarter. This capture directly equates to extra recycling

Next Quarter's Goals

- A big focus on decreasing the general waste
- Waste monitors to now provide live scores for individual occupiers
- Better use of the recycling streams now in service

Forum Discussion

- Focus - what is the objective of the forum?
- What do occupants want to get out of it?
 - Informed
 - Educated
 - Best practice
 - Networking with like-minded people
 - Be 'in the 'loop'
 - Technical information / Masterclasses?
- Name of forum
- Timing of meetings

Green Park Objectives

- Collaboration
 - Occupier engagement
 - Inspiration and ideas
 - Good practice – case studies
-
- Contributes to our management systems - continual improvement, compliance

One to Ones

- Rachel Widdows – Green Park Environmental and Sustainability Consultant
- Looking to arrange one to one meetings with occupiers across Green Park, both single and multi lets.
- To discuss on an individual basis what is and what is not important to the occupiers relating to environment and sustainability. Discuss what we want to achieve on Green Park and how your company can be part of it!
- Contact Details:
- Tel: 020 8279 0225 / 07960584998
- Email: Rachel@rachelwiddows.co.uk

Key Dates and Events

6th March, 2018 – Beekeeping Theory Course

- Join local bee keeper, Rob Nickless for a six week theory course on Beekeeping.

22nd March, 2018 – Nature Walk around Green Park, 12.00 – 14.00

- Brian Clews, a renowned expert on birds, will be giving a talk on the wildlife which can be found on Green Park.

24th March, 2018 – Earth Day

13th June, 2018 - next Environmental Forum

Earth Hour

- 24/03/2018, 8.30pm to 9.30pm
- Started in Sydney on 2007
- Every year millions of people, businesses and landmarks set aside an hour to host events, switch off their lights and make noise for the Earth Hour
- www.earthhour.org / #Connect2Earth

Earth Hour

- You can celebrate Earth Hour in any way you want; ideas:
 - Host a candle-lit dinner
 - Go stargazing
 - Switch off your lights for an hour
 - Gig or concert
 - Screen a movie
 - Host an Earth Hour party
- Raise awareness, use ideas and templates from website
- Green Park have taken part for the last 5 years and encourage all buildings to take part and show support

Any other business?

Summary of Discussions

1. Forum - share ideas, expand topics and themes – especially practical tips on increasing office recycling.
2. Provide key contact list – waste, biodiversity, energy etc.
3. Upload resources to Extranet
4. TED talks – useful resource
5. Update building recycling guides and upload to Extranet
6. THALES can share Sustainable Procurement Guide
7. Faye Kelland - key contact for Biodiversity enquiries
8. Investigate 'bring a coffee cup' schemes