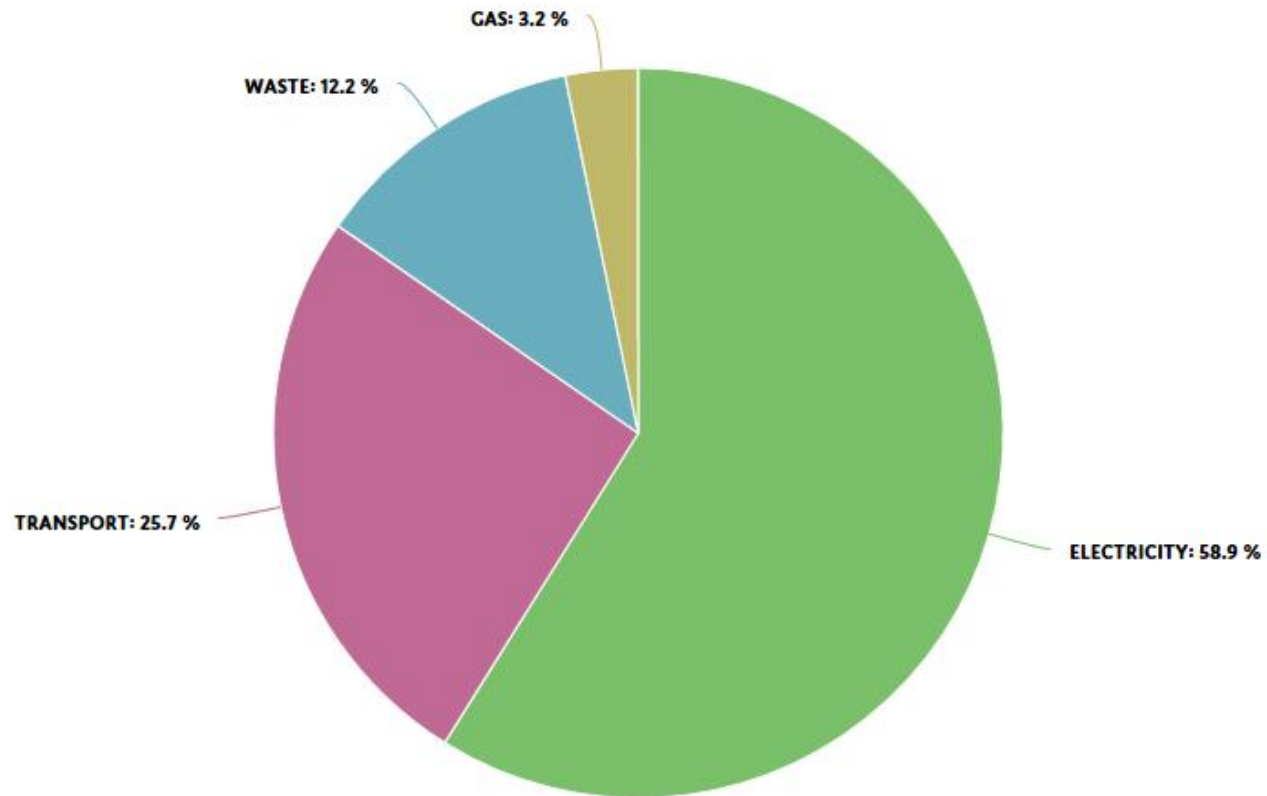


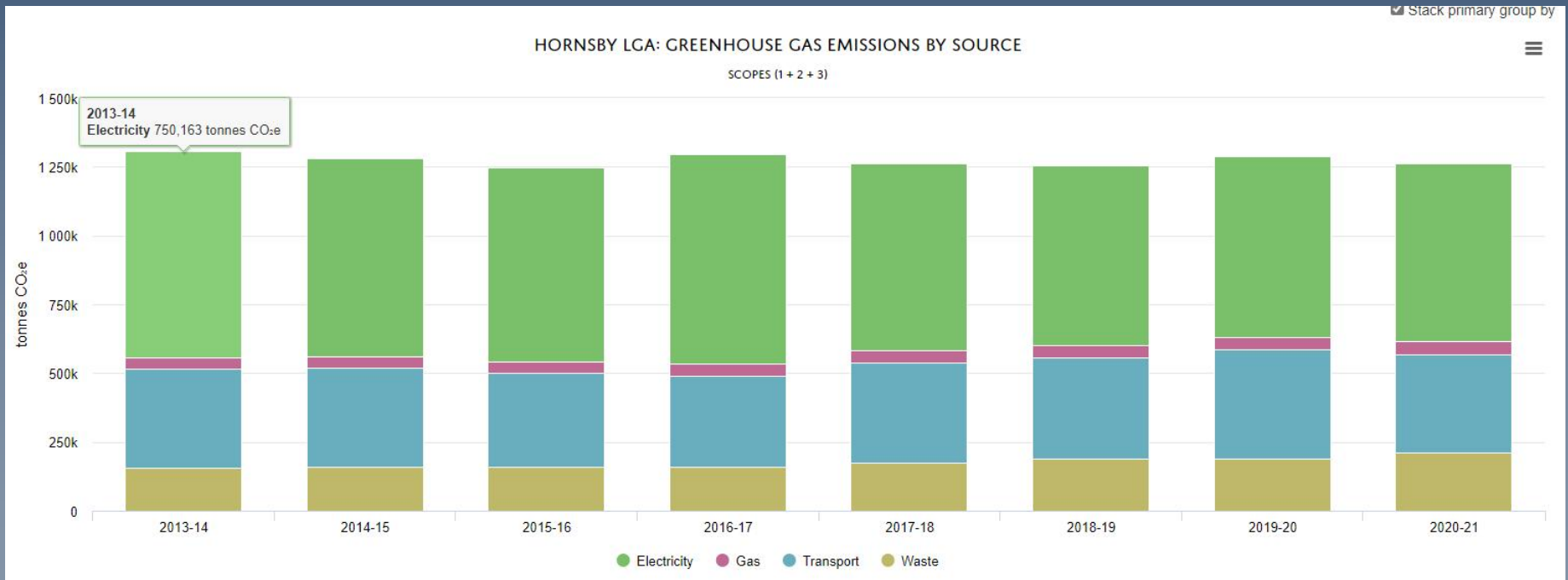
# Community Emissions Profile 16/17

## HORNSBY LGA: ALL EMISSIONS BY SOURCE FOR 2016-17

SCOPES (1 + 2 + 3)

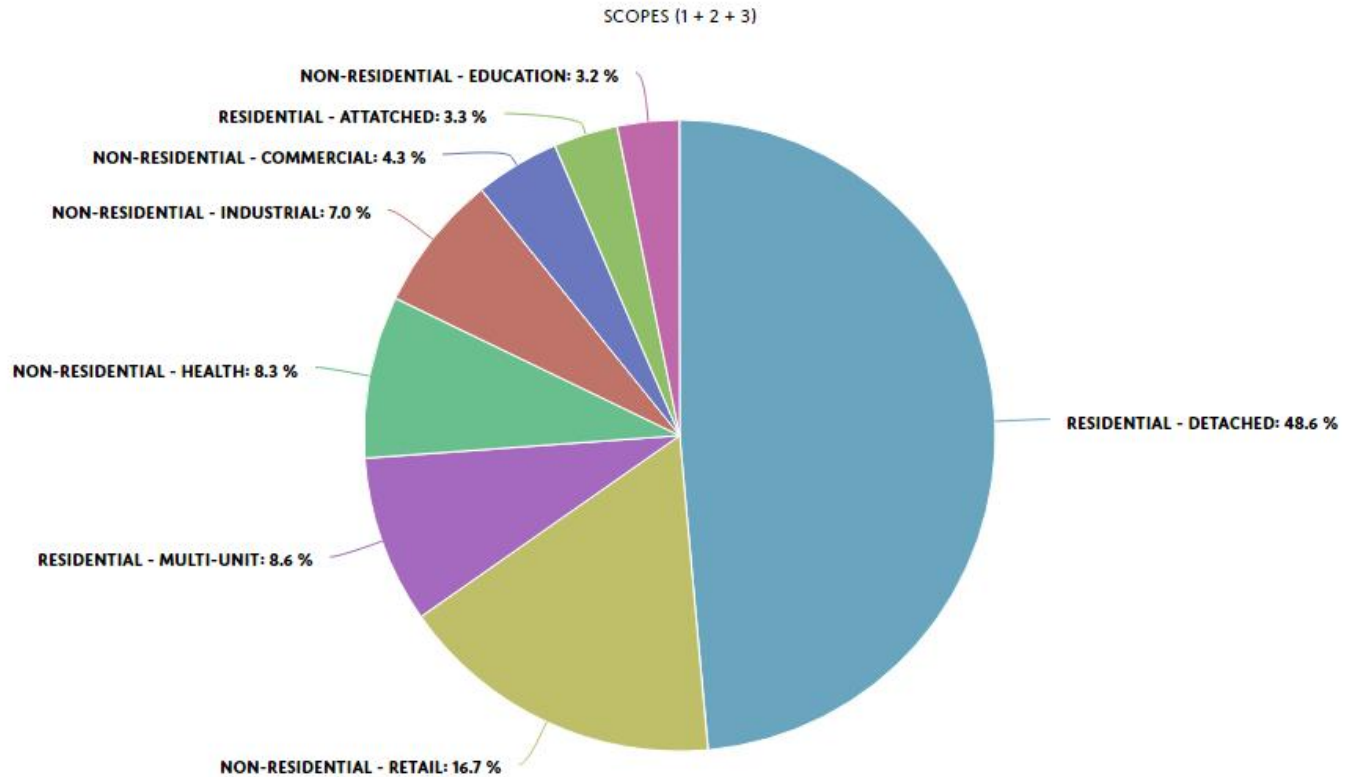


# Emissions from 2013/14 to 2020/21



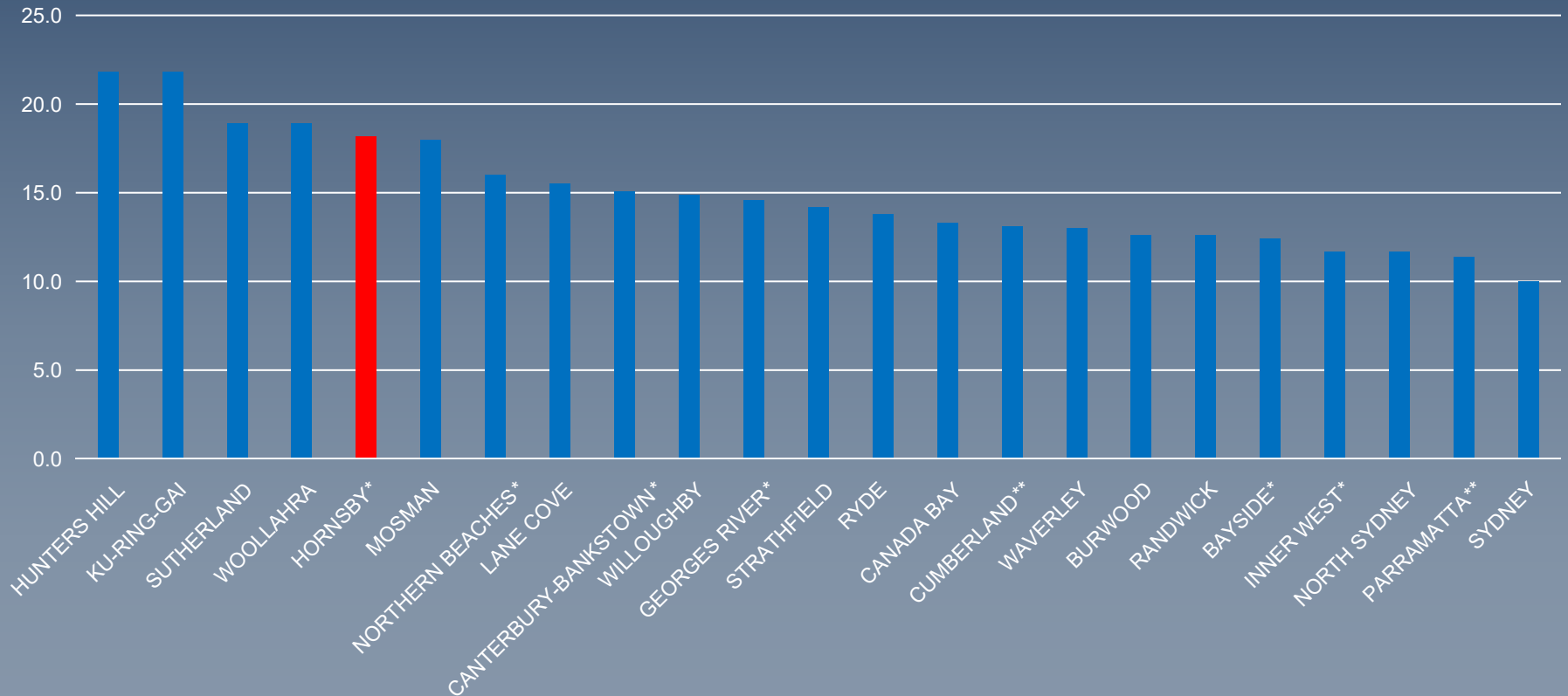
# Emissions by sector

HORNSBY LGA: GREENHOUSE GAS EMISSIONS BY SECTOR 2018-19



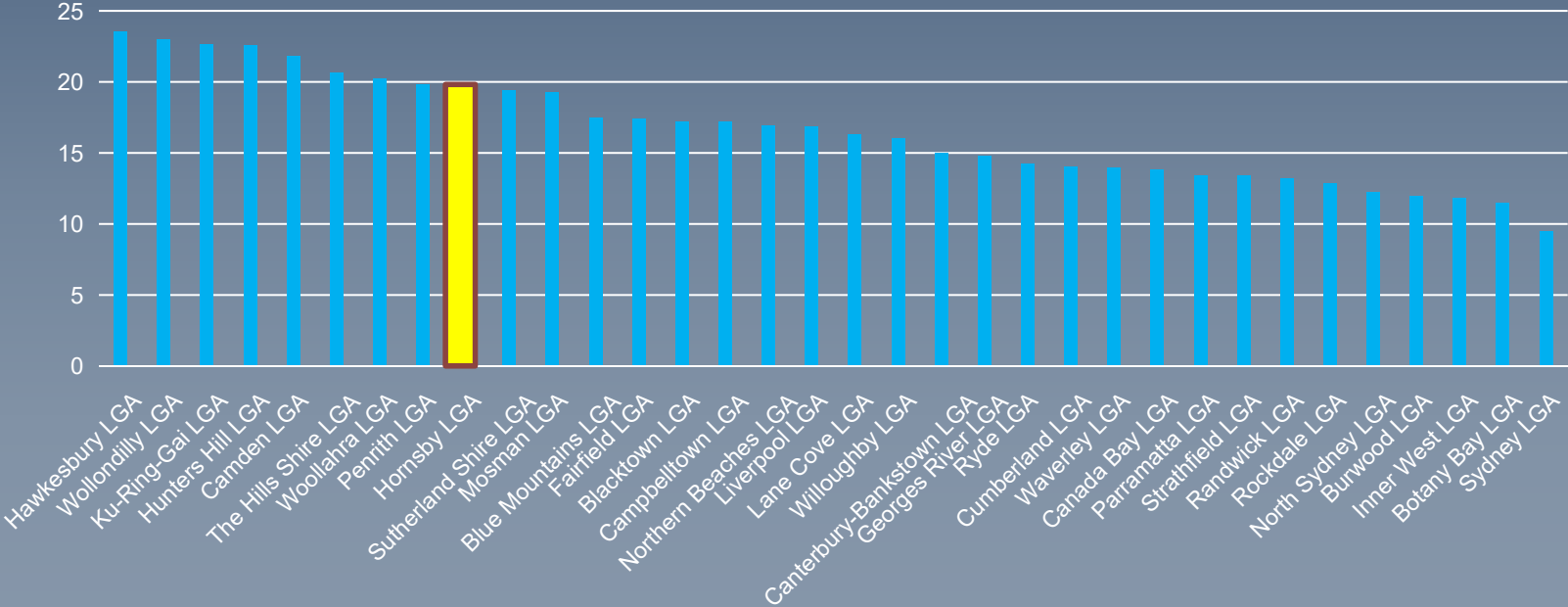
# Average Daily Usage (kWh) 18/19

Daily average (kWh per customer per day)



# Average Daily Usage (kWh) 19/20

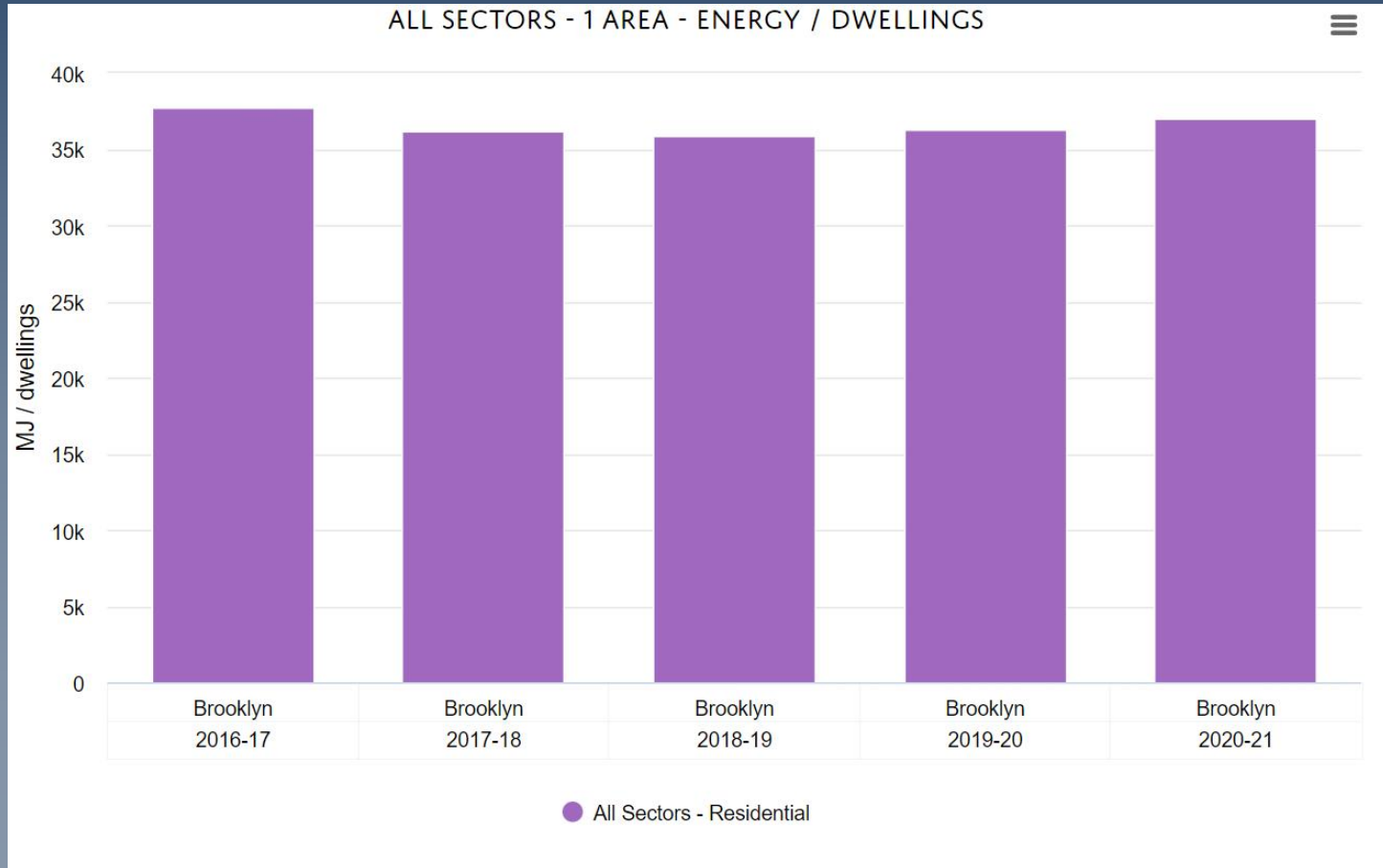
Per customer per day



# Brooklyn Energy per Dwelling

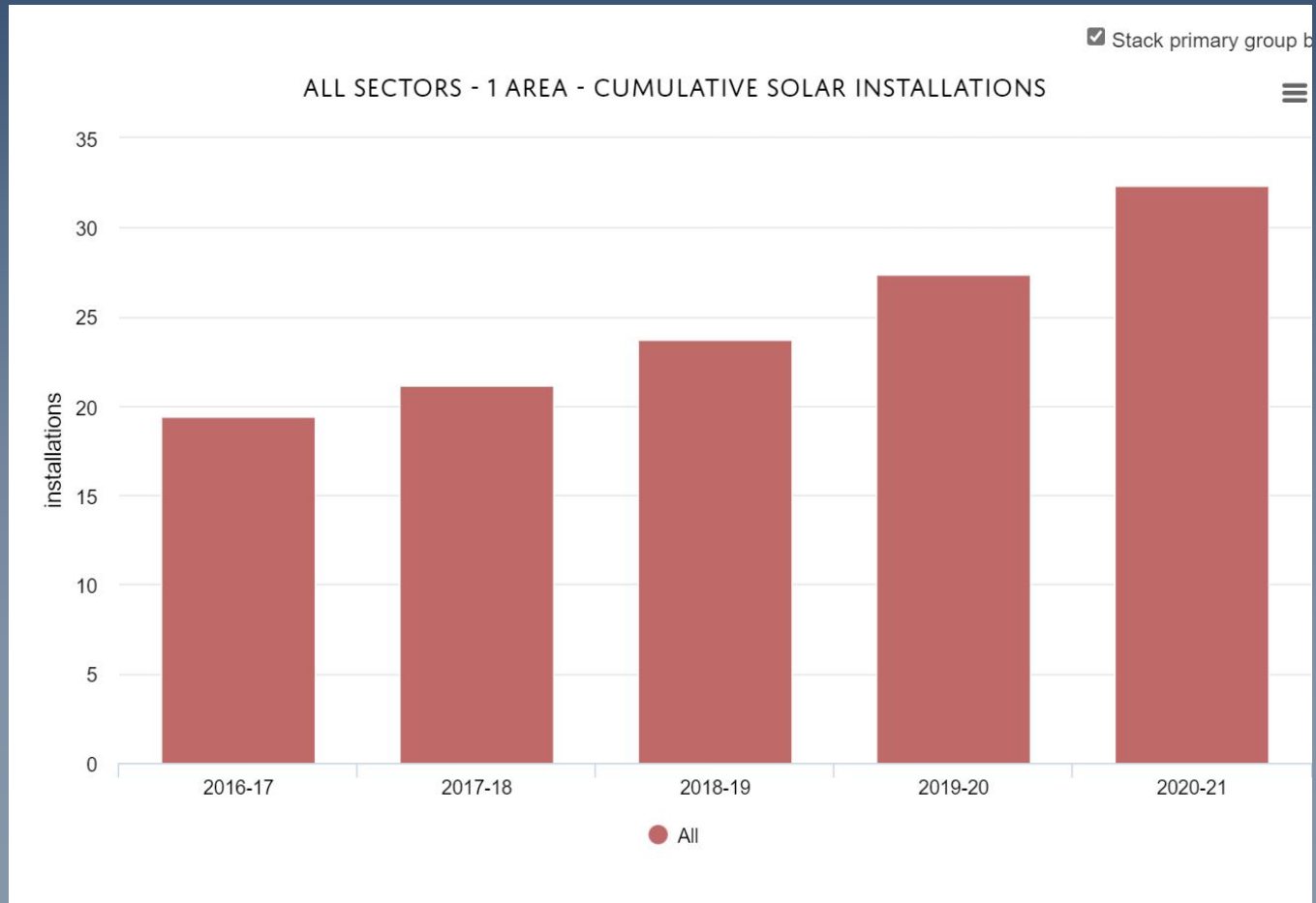


# Brooklyn Performance

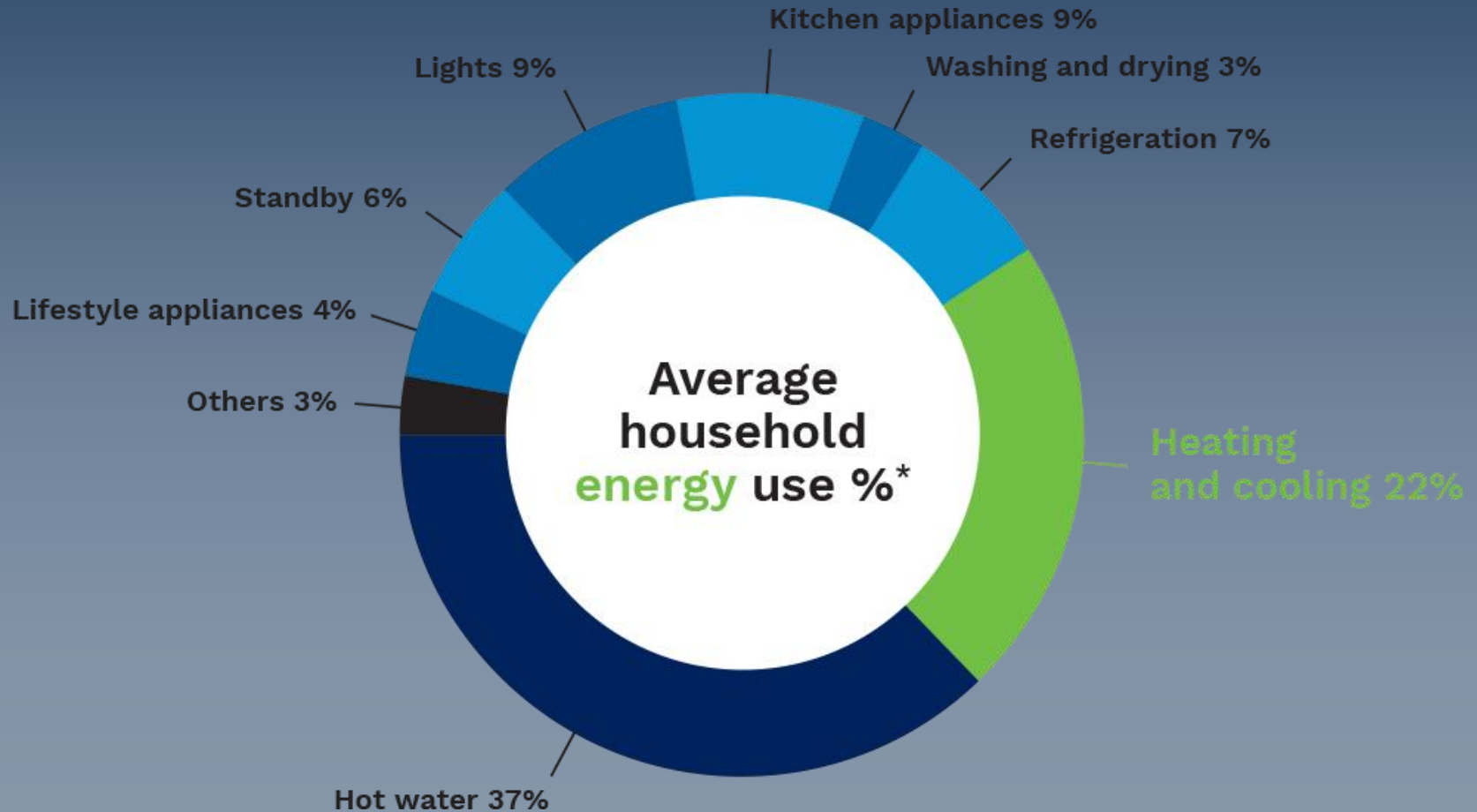




# Brooklyn Solar

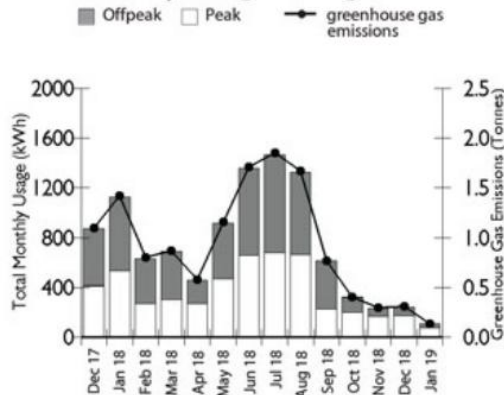


# Home energy costs



# Data is key

## Electricity usage and greenhouse gas emissions



Average daily use (kWh)  
 This account: **7.87** +  
 Same time last year: **27.68** +  
 Average Peak cost per day (incl. GST): **\$2.21** +  
 Average Offpeak cost per day (incl. GST): **\$0.42**  
 Total greenhouse gas emissions (Tonnes) this account: **0.90** +  
 For more information visit [www.climatechange.gov.au](http://www.climatechange.gov.au)  
 To reduce your greenhouse gas emissions, call us on 133 466 to find out how you can support green energy.

**72% decrease in usage since the same time last year**

Your household daily consumption (kWh)	7.87	
Household size without swimming pool	Average daily consumption benchmark (kWh)	Rating
1 person	14.96	✓
2 people	20.21	✓
3 people	25.79	✓
4 people	28.69	✓
5 people	28.69	✓

### Compare your electricity usage with similar households in your area.

How it works:

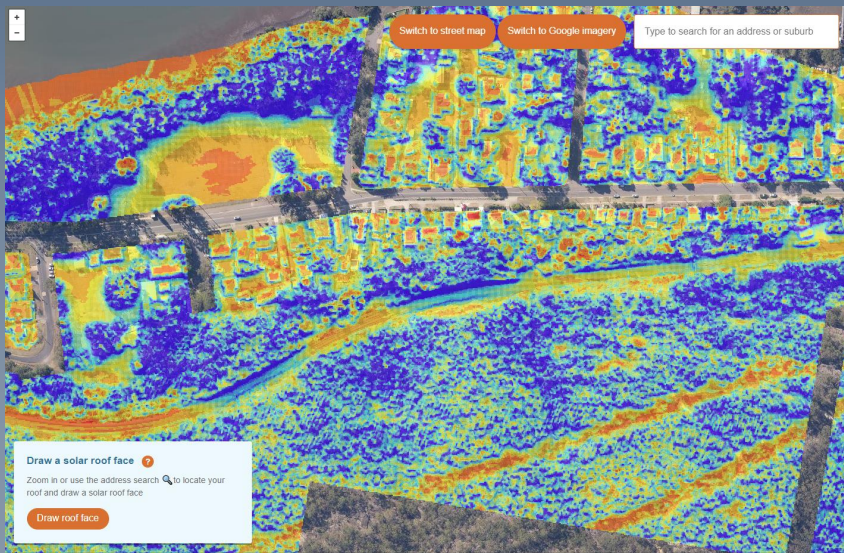
- Select the household size that represents the number of people in your home,
- Compare the 'Average daily consumption benchmark' to 'Your household daily consumption'.

To find out more about how average household energy usage is calculated and get some energy efficiency tips, visit [www.energymadeeasy.gov.au](http://www.energymadeeasy.gov.au)

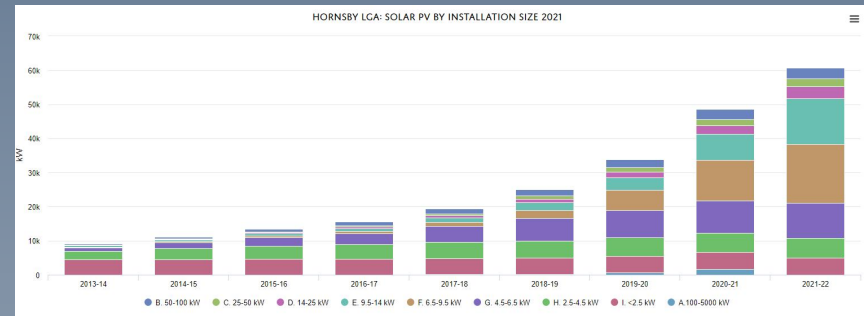
This benchmark applies to residential electricity consumption. It is calculated based on figures provided by the Australian Energy Regulator (AER) and is indicative only. Consumption benchmarks exclude some large appliances, such as pool pumps, and generation systems (e.g. PV). For more information or useful energy efficiency tips, visit: [www.energymadeeasy.gov.au](http://www.energymadeeasy.gov.au)

# SunSPoT and Solar Potential

## Solar Potential



## Solar Install



# Save Power Kits



## Save Power Kits

Would you like help reducing your electricity bill? Hornsby Shire libraries can help you with **Save Power Kits** and energy meters that are available for loan.

### What do Save Power kits contain?

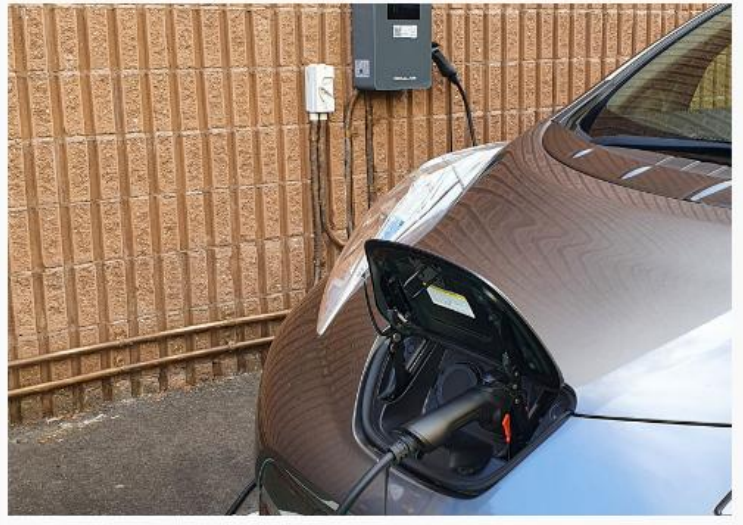
- **Power-Mate Lite energy meter** to help you measure the power used by appliances, find out how much they cost to run and the carbon pollution they create;
- **Two thermometers**, one so you can find out where your home lets in the cold in winter or heat in summer, and the other to check your room and fridge temperatures;
- **Stopwatch** to measure how long you are in the shower and how much hot water you use;
- **Compass** to see which direction your windows face so you can make the most of the sun in winter and use shading to best advantage in summer;
- User guide with worksheets and action plan.

### How do I book a kit?

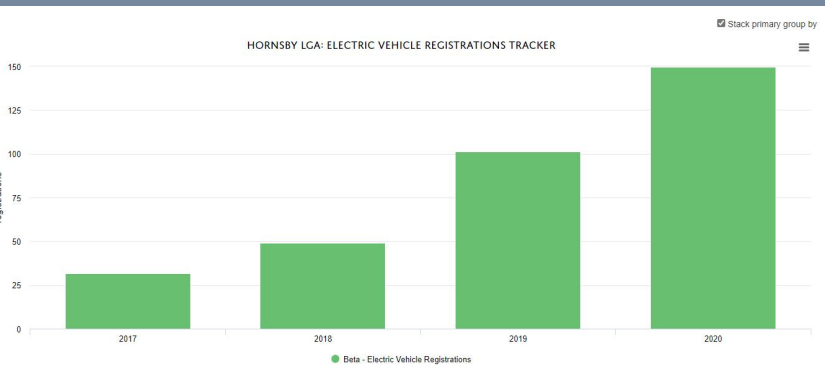
Check our online catalogue by typing "Save Power Kit" into the search field in the library catalogue.

### Can I get an energy meter on its own?

# Electric Vehicle Charging



- Support the community in reducing carbon emissions
- Provide EV charging infrastructure for residents who don't have access to off-street parking for home charging
- Increase visitation to town centres and retail hubs to improve economic development and tourism
- Alleviate range anxiety due to lack of EV charging infrastructure





# On our website


Home > Environment > Sustainability

Share


## Sustainability

**Actions we can all take towards an innovative and environmentally sustainable Shire with resilient, diverse and thriving communities and ecosystems.**


Let's be empowered to action on reducing greenhouse gas emissions, potable water use, waste sent to landfill, and on increasing our urban forest, and protecting and enhancing biodiversity. We can call on our part to demonstrate leadership and environmental innovation in our homes, at work and in our daily lives.




**In the Home** >




**Car Share** >



**Electric Vehicles** >




**At Work** >



**SunSPoT Solar Calculator**

SunSPoT solar calculator is now available to Hornsby Shire residents and businesses, to help you make an informed solar purchasing choice.

[Find Out How](#)



**Sustainable Business Newsletter**

We are moving our Sustainable Business news to LinkedIn.

[Find out more](#)

[DIY Fact Sheets](#)

# Grants and Rebates

- **Rebate swap for solar or energy upgrades** – for households receiving a Low Income Household Rebate

<https://www.energy.nsw.gov.au/households/rebates-grants-and-schemes/rebate-swap-solar-and-energy-efficient-upgrades>

- **Business equipment upgrades**

[https://www.energy.nsw.gov.au/business-and-industry/programs-grants-and-schemes/energy-and-peak-demand-savings/business-equipment#:~:text=You%20can%20access%20incentives%20to,cutting%20electricity%20and%20gas%20use\\_](https://www.energy.nsw.gov.au/business-and-industry/programs-grants-and-schemes/energy-and-peak-demand-savings/business-equipment#:~:text=You%20can%20access%20incentives%20to,cutting%20electricity%20and%20gas%20use_)

- **EV Destination Charging grants for businesses**

<https://www.energy.nsw.gov.au/business-and-industry/programs-grants-and-schemes/electric-vehicles/electric-vehicle-destination>

- **Primary Industries Productivity and Abatement program**

<https://www.energy.nsw.gov.au/business-and-industry/programs-grants-and-schemes/primary-industries-productivity-and-abatement>

- **Seniors Energy Rebate**

<https://www.service.nsw.gov.au/transaction/apply-seniors-energy-rebate>

- **Energy Accounts Payment Assistance**

<https://www.service.nsw.gov.au/transaction/energy-accounts-payment-assistance-eapa-scheme>

- **Upgrade your home energy equipment | NSW Climate and Energy Action**

<https://www.energy.nsw.gov.au/households/rebates-grants-and-schemes/find-energy-rebate>


<https://www.service.nsw.gov.au/transaction/apply-free-essential-plumbing-sydney-water>



# Household energy saving upgrades | NSW Climate and Energy Action

## Household energy saving upgrades

Part of the Energy Security Safeguard



### Households

- Ways to get started
- Rebates, grants and schemes
  - Find an energy rebate
  - Household energy saving upgrades**
  - Upgrade your air conditioning
  - Upgrade your pool pump
  - Upgrade your hot water system
  - Household lighting upgrade
- GreenPower
- Help for households facing energy bill stress
- Rebate swap for solar and energy efficient upgrades

### On this page

- [Available upgrades](#)
- [How the upgrade works](#)
- [What to expect](#)
- [More information](#)

You can access a number of energy savings to help you reduce your household energy use and cut your power bills. This includes upgrading existing appliances and energy equipment throughout your home to more energy efficient models. This is also a great way to lower your environmental footprint.

These incentives are part of the Energy Savings Scheme and the Peak Demand Reduction Scheme, under the Energy Security Safeguard. By using energy efficient appliances and equipment in your home, you can help us to improve the affordability, reliability, accessibility and sustainability of our energy system in NSW.

### Available upgrades

#### Household lighting upgrade

Switch to LED lighting and save money.

#### Upgrade your air conditioner

Change your air conditioner to cut your energy costs.

# Upcoming Education



Tuesday 28 February 2023

## **Solar and Batteries with Adam Corrigan**

Join your energy friend Adam Corrigan in looking at the basics, the batteries and how to get the most from a decision to invest in solar.



Wednesday 22 March 2023

## **Gardening in small spaces**

Join Kerrie and learn from her 10+ years experience in gardening, for some great tips on how to garden in small spaces.

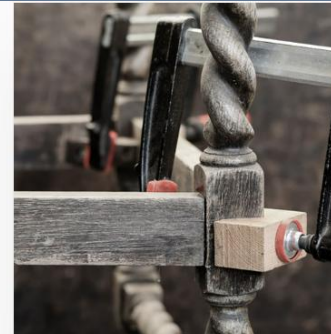
Clean Up



Sunday 5 March 2023

## **Clean Up Australia Day**

Get involved and take positive, practical action.



Saturday 15 April 2023

## **Repair Café - Electronics/Furniture**

Bring along your items requiring repair and The Bower technicians will take you through the repair process, helping you to learn new skills and understand the benefits of reuse.



Tuesday 9 May 2023

## **Pickling and Regrowing Veggies**

Join Lottie from Banish to learn about food waste and how to turn seasonal vegetables into pickles. You'll also learn how to grow your own fruit and vegetables from scraps.

# Home Checklist

## Comfortable Homes in Summer and Winter



Energy efficiency in the home can be affected by many small factors that can add up to costly problems. Use this checklist to inspect some common problem areas, help save on energy bills and do your part at home towards our Net Zero by 2050 target.

Item	Task	Resource	Complete (tick once done)
1	Understand your energy bills – Tariffs, kWh, MJ's, Time of Use	<a href="#">Video on understanding your Energy Bill</a>	<input type="checkbox"/>
2	Get the best rate – Shop around for your energy retailers – Big \$ savings can be made.	<a href="#">Energy Made Easy comparison website</a>	<input type="checkbox"/>
3	Become energy efficient – Start to understand where you are using power and start saving – This is the biggest and most cost-effective thing to do	<a href="#">Save Power Kits available for loan in the Library</a>	<input type="checkbox"/>
4	Seal your home – You are losing your Warmth / Cool and \$'s. Seal up gaps – visit our website for more information	<a href="#">Video on insulation</a>	<input type="checkbox"/>
5	Insulate from the top down. Ceiling, Walls, Windows, then floors a) Windows can be covered, glazed, or install a pelmet b) North-western side of the house first c) Plant a shade tree, especially deciduous	<a href="#">Insulation Fact Sheet</a>	<input type="checkbox"/>
6	Heat Efficiently: a reverse cycle air conditioner could save you thousands of dollars	<a href="#">Heating and Cooling Video</a>	<input type="checkbox"/>
7	Cool Efficiently: a) Encourage cross ventilation b) Keep the heat out c) External shading d) Pergolas e) Awnings f) Focus on north and west g) Reflective tints on windows h) Dark house is a cool house i) Lighter coloured roofs j) Use fans or evaporative coolers k) ceiling fans need to be switched over for summer and winter settings to be most effective.	<a href="#">Heating and Cooling Video</a>	<input type="checkbox"/>
8	Buy appliances with lots of Energy stars. The more stars the more efficient the appliance is.	<a href="#">Energy Rating Label</a>	<input type="checkbox"/>
9	Get Solar! Its free energy	<a href="#">SunSpot - APV</a> <a href="#">Video on solar</a>	<input type="checkbox"/>
10	Keep an eye on solar batteries. Prices are coming down		<input type="checkbox"/>
*	Checklist complete – tag us in a social media post with a picture of you and your handywork, with the Hashtag #hornsynetzero		<input type="checkbox"/>

Further information:  
[hornsby.nsw.gov.au/environment/sustainability/in-the-home](https://hornsby.nsw.gov.au/environment/sustainability/in-the-home)

# Questions

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- <https://www.hornsby.nsw.gov.au/environment/sustainability/workshops-and-education>