

WATTBLOCK ENERGY REPORT

Date: 16/09/2015 | Common Area Consumption: \$23,920



GLOBAL STARTUP CONFERENCE
2015 FALL



Sample Report
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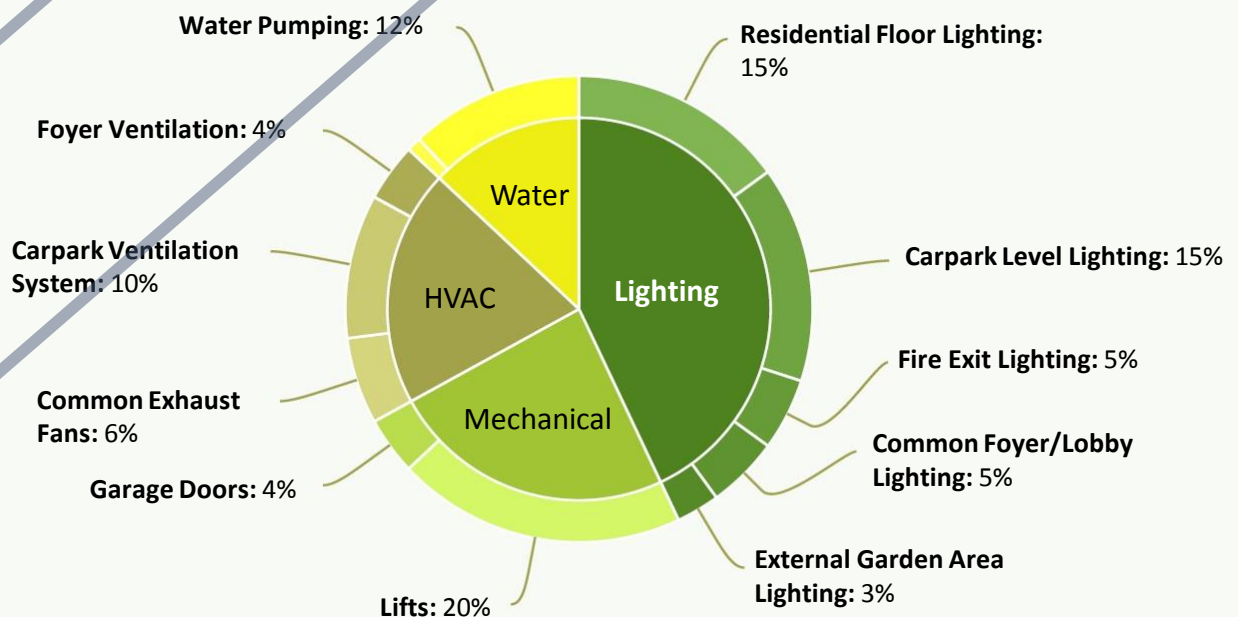
ENERGY SAVINGS OPPORTUNITY

Wattblock recommends proceeding with energy reduction project for your block.

| ESTIMATED ENERGY COST REDUCTION | ESTIMATED COST SAVINGS (PER ANNUM) | RECOMMENDED PROJECT COSTS | ESTIMATED PAYBACK PERIOD (YEARS) |
|---------------------------------|------------------------------------|---------------------------|----------------------------------|
| 38% | \$9,049 | \$18,826 | 2.1 |

COMMON AREA ENERGY CONSUMPTION

Understanding which assets are likely to be contributing to your block's energy consumption is the first step in building an energy reduction roadmap

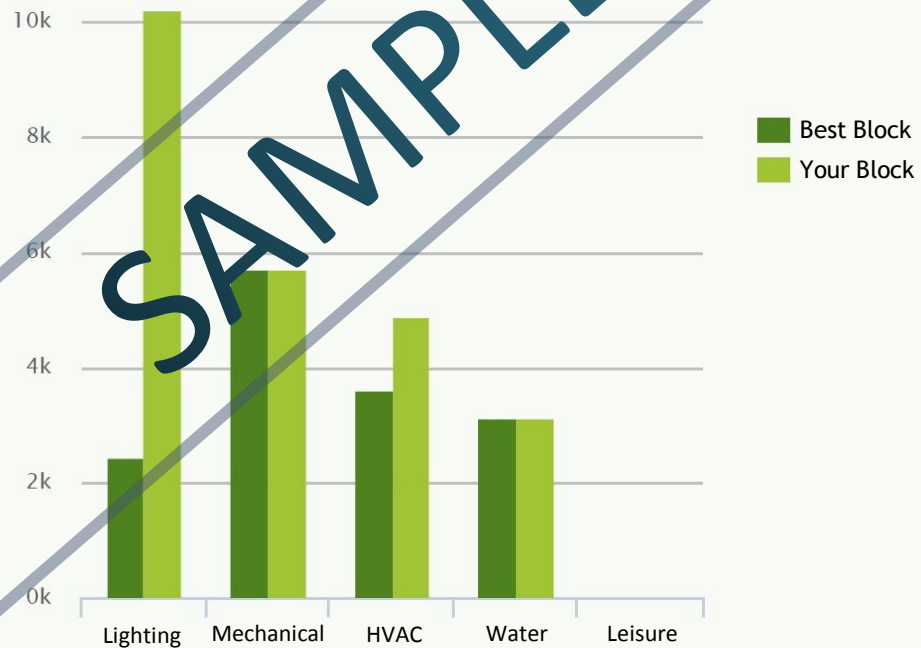


COMMON AREA ENERGY CONSUMPTION

| | Est. Consumption | Est. Cost | Asset Type |
|-------------------------------|------------------|-----------|------------|
| Residential Floor Lighting | 15% | \$3,662 | Lighting |
| Carpark Level Lighting | 15% | \$3,535 | Lighting |
| Fire Exit Lighting | 5% | \$1,107 | Lighting |
| Common Foyer/Lobby Lighting | 5% | \$1,223 | Lighting |
| External Garden Area Lighting | 3% | \$697 | Lighting |
| Lifts | 20% | \$4,774 | Mechanical |
| Garage Doors | 4% | \$918 | Mechanical |
| Common Exhaust Fans | 6% | \$1,452 | HVAC |
| Carpark Ventilation System | 10% | \$2,380 | HVAC |
| Foyer Ventilation | 4% | \$1,060 | HVAC |
| Common Hot Water System | 1% | \$184 | Water |
| Water Pumping | 12% | \$2,929 | Water |

COMMON AREA ENERGY SAVINGS

The following is a typical energy consumption footprint for 3-5 Freeman Rd Chatswood, NSW and a Best-in-class block based upon similar blocks which have been analysed.



| | Best Block | Your Block | Difference | |
|-----------------|------------|------------|------------|---|
| Lighting | \$2,446 | \$10,224 | \$7,778 | ✘ |
| Mechanical | \$5,691 | \$5,691 | \$0 | ✔ |
| HVAC | \$3,622 | \$4,892 | \$1,270 | ✘ |
| Water | \$3,113 | \$3,113 | \$0 | ✔ |
| Leisure | - | - | - | ✔ |

RECOMMENDED PROJECTS

The recommended projects for your block have been sorted based upon their typical payback time to assist you with prioritizing future projects:

EST. PAYBACK: IMMEDIATE

Request strata manager to provide a paper or electron copy of electricity bill to the Owners Corporation on a quarterly basis

Cost Estimate: \$0

Sign up for your energy providers online portal

Cost Estimate: \$0

Delamp unnecessary foyer/lobby lights

Cost Estimate: \$0

Delamp unnecessary external garden lights

Cost Estimate: \$0

Delamp unnecessary lighting in carpark (e.g. twin tubes)

Cost Estimate: \$0

EST. PAYBACK: <1 YEAR

Put outdoor light on timer or light sensor

Cost Estimate: \$200

Upgrade residential floor light with LED

Cost Estimate: \$455

Install timer so that exhaust fans only run for a limited time each day

Cost Estimate: \$200

Install timer so that hot water isn't being circulated 24x7 (e.g. 18 hrs per day)

Cost Estimate: \$200

EST. PAYBACK: <18 MONTHS

LED lighting upgrade in carpark including dimmable LED tubes over car spaces

Cost Estimate: \$10,800

LED lighting upgrade in fire exist with dimmable LED tubes

Cost Estimate: \$3,951

EST. PAYBACK: <2 YEARS

Replace foyer ventilation system with a multi-speed motor and set to lower speed

Cost Estimate: \$820

Install a smart meter to move to a peak/off peak/shoulder rate

Cost Estimate: \$1,000

OPTIONAL PROJECTS

The following projects are worthwhile investigating for your block from a feasibility perspective. They have not been included in recommended projects due to their cost and estimate payback time.

EST. PAYBACK: 14 YEARS

Install solar energy for common areas

Cost Estimate: \$60,000

ENVIRONMENTAL CONSIDERATIONS

The rationale for proceeding with energy cost reduction projects outlined above makes sense from an economic perspective. The following gives some insight into the environmental impact for a typical block similar to your block:

| | | | |
|--|--|--|--|
| PROPORTION OF POPULATION LIVING IN THIS BLOCK TYPE | AVERAGE OCCUPANCY RATE (PEOPLE / UNIT) | ANNUAL ENERGY (ELECTRICITY + GAS) PER UNIT MJ / YR | ANNUAL GHG EMISSIONS PER UNIT TONNES CO2/UNIT YR |
| 3.8% | 1.92 | 30,594 | 7.3 |
| ANNUAL GHG EMISSIONS PER PERSON TONNES CO2/PERSON YR | NUMBER OF BLOCK RESIDENTS | BLOCK CO2 EMISSIONS (TONNES/YR) | |
| 3.8 | 77 | 292 | |

SAMPLE



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