

TWGHs SC Gaw Memorial College

Nov 2015 - Monthly Energy Report

WHAT ARE OUR KEY STATISTICS FOR THIS MONTH?

How much energy
did we use?



60,345 kWh
of electricity



37 tons CO₂
emitted



\$74,827
in energy costs

How much energy
did we save?
(year-on-year)



28%
more



8 tons CO₂
more



\$18,611
more

How did our
carbon footprint change?



24 cars
on the road for a
month

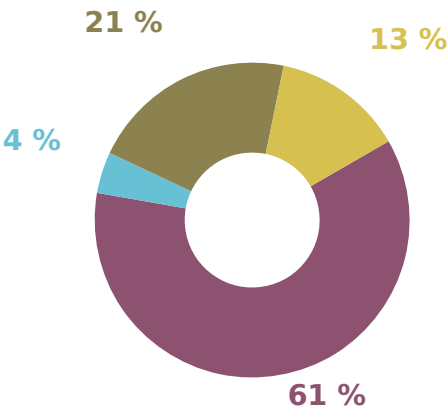
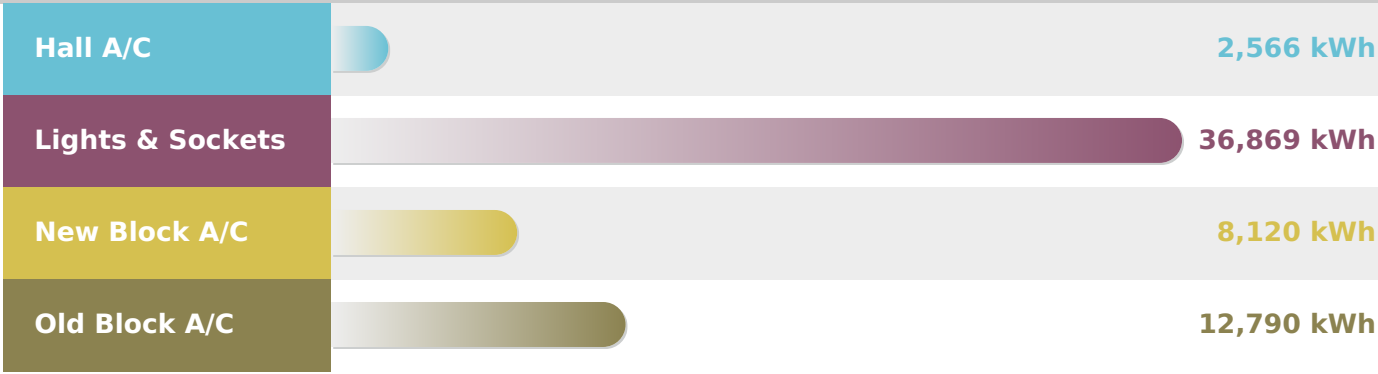


128 m²
of rainforest cut down



546 aircons
turned on for one
day

How did that break down by usage type?

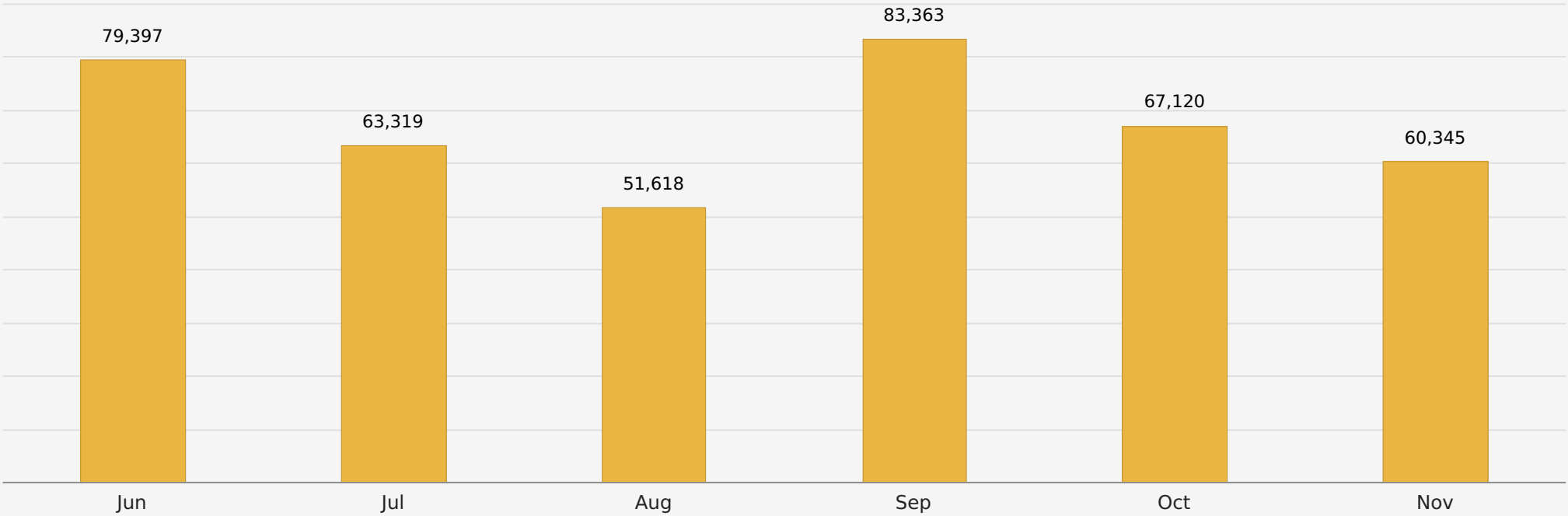


Usage Type	Total Energy (kWh)	Total CO ₂ (kg)	Total Cost (\$)	% Change in kWh Year-on-year	Change in Cost Year-on-year
Hall A/C	2,566	1,565	3,181	35	921
Lights & Sockets	36,869	22,490	45,717	10	5,700
New Block A/C	8,120	4,953	10,069	40	3,143
Old Block A/C	12,790	7,802	15,860	117	8,847

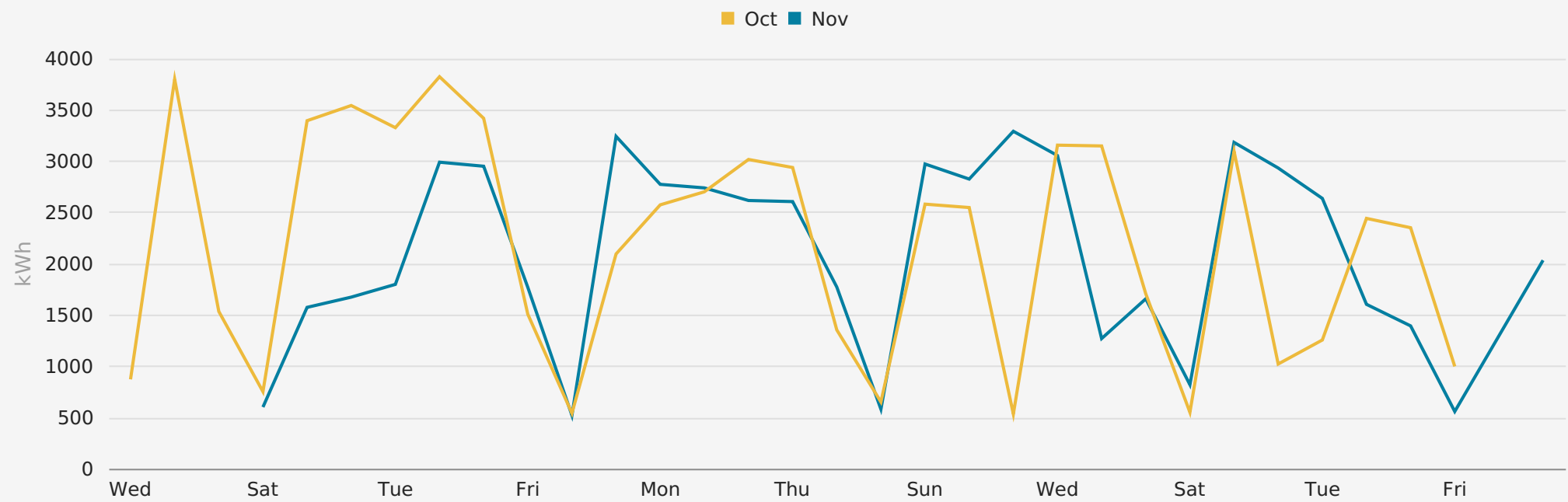
HOW MUCH MORE / LESS DID WE USE COMPARED TO LAST MONTH?

Your energy consumption this month was 10% less than it was last month

Total energy consumption for the last 6 months (kWh)



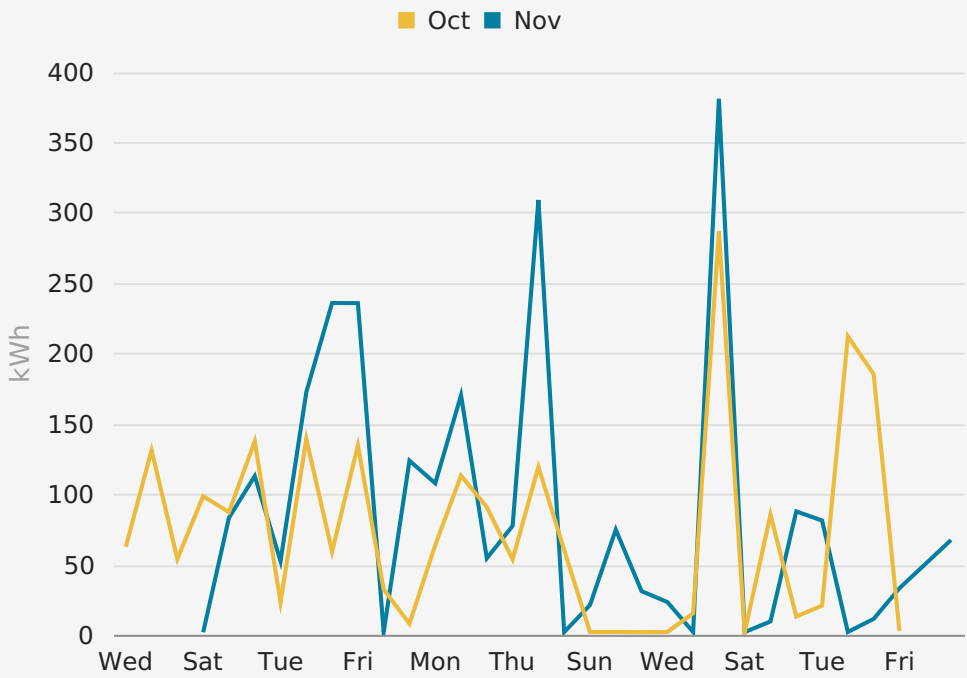
When did we achieve our savings? *



* For comparison purpose, in this section, the graph of the earlier period has been shifted to match the current period by day of the week.

Hall A/C

Overall: 12% more energy than last month

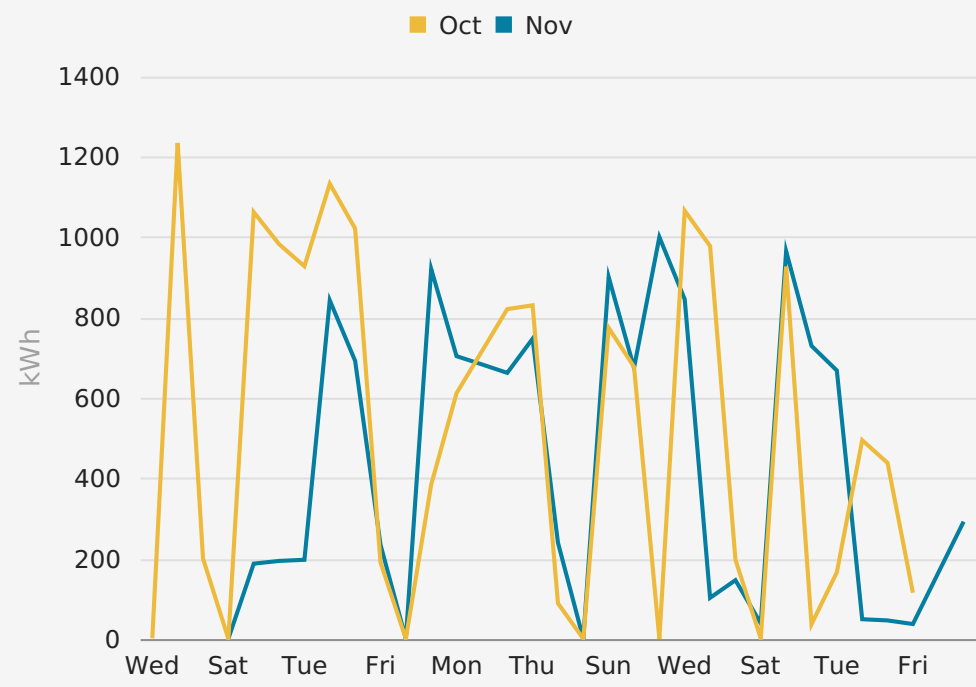
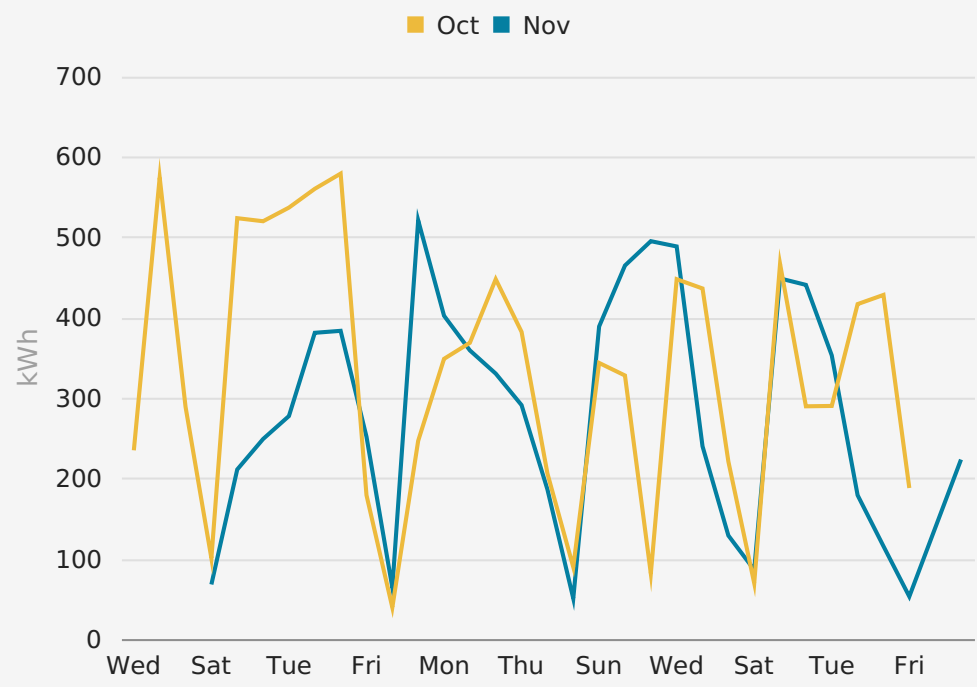


New Block A/C


Old Block A/C

Overall: 21% less energy than last month

Overall: 20% less energy than last month




HOW MUCH ENERGY DID WE USE ON WEEKDAYS?




\$3,075

Average Weekday Energy Use



12% less

Compared to last month



29% more

Compared to same period last year

Nov 2015

Better

than average weekday

Worse

than average weekday

Average

weekday

SUN	MON	TUE	WED	THU	FRI	SAT
1	2 - 37%	3 - 33%	4 - 28%	5 + 20%	6 + 19%	7
8	9 + 31%	10 + 12%	11 + 10%	12 + 5.3%	13 + 4.9%	14
15	16 + 20%	17 + 14%	18 + 33%	19 + 23%	20 - 49%	21
22	23 + 28%	24 + 18%	25 + 6.2%	26 - 35%	27 - 44%	28
29	30 - 18%	1	2	3	4	5

Highest Weekday Energy Use


\$4,075

18 Nov 2015

Most of the increase was from

Old Block A/C

Hall A/C



\$94

Average Weekday Energy Use



6% more


Compared to last month



26% more

Compared to same period last year

Lights & Sockets



\$1,839

Average Weekday Energy Use



4% less


Compared to last month



10% more

Compared to same period last year

New Block A/C




\$427

Average Weekday Energy Use



19% less

Compared to last month



46% more

Compared to same period last year

Old Block A/C



\$714

Average Weekday Energy Use



25% less


Compared to last month



116% more


Compared to same period last year

HOW MUCH ENERGY DID WE USE ON WEEKENDS AND HOLIDAYS?




\$1,282

Average Weekend/Holiday Energy Use



4% more

Compared to last month



16% more

Compared to same period last year

Nov 2015

• Better

than average weekend

• Worse

than average weekend

• Average

weekend

SUN	MON	TUE	WED	THU	FRI	SAT
1 - 42%	2	3	4	5	6	7 + 71%
8 - 50%	9	10	11	12	13	14 + 71%
15 - 44%	16	17	18	19	20	21 + 60%
22 - 21%	23	24	25	26	27	28 - 46%
29 + 0%	30	1	2	3	4	5

Highest Weekend/Holiday Energy Use


\$2,194

14 Nov 2015

Most of the increase was from


Lights & Sockets

Hall A/C




\$150

Average Weekend/Holiday Energy Use



55% more


Compared to last month



76% more


Compared to same period last year

Lights & Sockets




\$886

Average Weekend/Holiday Energy Use



3% more


Compared to last month



9% more


Compared to same period last year

New Block A/C




\$138

Average Weekend/Holiday Energy Use



28% less


Compared to last month



2% more


Compared to same period last year

Old Block A/C




\$108

Average Weekend/Holiday Energy Use



20% more


Compared to last month



58% more


Compared to same period last year

HOW MUCH ENERGY DID WE USE OVERNIGHT (10PM - 6AM)




\$206

Average Overnight Energy Use



3% less

Compared to last month



1% less

Compared to same period last year

Nov 2015

Better

than average night

Worse

than average night

Average

night

SUN	MON	TUE	WED	THU	FRI	SAT
1 - 1.5%	2 - 7.7%	3 - 6.4%	4 - 3.4%	5 + 11%	6 + 4.8%	7 - 0.8%
8 - 3.1%	9 - 2.2%	10 + 0.9%	11 - 3.1%	12 - 5%	13 - 6.3%	14 + 7%
15 + 6.1%	16 - 0.2%	17 - 0.6%	18 - 1.5%	19 + 7.2%	20 + 6.2%	21 + 2.2%
22 + 41%	23 - 1.8%	24 + 6.6%	25 - 7.5%	26 - 9.9%	27 + 2.7%	28 + 0%
29 - 28%	30 - 5.9%	1	2	3	4	5

Highest Overnight Energy Use

\$290

22 Nov 2015

Most of the increase was from

Lights & Sockets

Hall A/C



\$1

Average Overnight Energy Use



94% more


Compared to last month



63% less

Compared to same period last year

Lights & Sockets



\$182

Average Overnight Energy Use



3% less

Compared to last month



2% more


Compared to same period last year

New Block A/C



\$23

Average Overnight Energy Use



12% less


Compared to last month



12% less

Compared to same period last year

Old Block A/C



\$1

Average Overnight Energy Use



33% more

Compared to last month



56% more

Compared to same period last year