Hallway lights (2nd, 3rd floor)

Average 134 lights/floor (hallways & stairwells)

Type = LEDs?

126 3rd floor hallways

140 2nd floor hallways

Classrooms + hallways 1150

114 single 2nd floor

103 single 3rd floor

34 single 1st floor

251 single offices

~1400 bulbs

Offices

1 bulb/office (excluding double offices/grad offices)

3 bulbs/double office/grad student office

(TODO: get # of offices from floorplan)

from:David Adams <[adamsdd@uvic.ca](mailto:adamsdd@uvic.ca)>

to:Alina Chin <alina.chin@gmail.com>

date:Mon, Nov 28, 2016 at 11:25 AM

subject:RE: ENGR 240 project additional questions

Hi Alina,

See attached for the most recent energy optimization work completed on the Clearihue building.

TLED = approx. 15 watts

T8 Lamp = 32 watts

I haven’t heard of any work in the Clearihue that involves upgrades to LEDs, I suspect they are still T8 linear fluorescent lamps. With regards to lighting occupancy sensors, I don’t think there is any within the building, however you can see in the attached report the new lighting schedule that sweeps off the lights at night.

Looks like you’re doing a great project, I’ll be interested to see what your team finds out!

Cheers,

David Adams

Energy Manager

Facilities Management | University of Victoria

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From Monthly Electricity Consumption sheet:

2015 data

Electricity = $0.08/kWh

Total kWh for Clearihue for 2015 = 2 341 506 kWh

Cost = $187 320