

How energy intensive is your advanced education institution?

Compare with others in British Columbia

7th ANNUAL PUMA **BENCHMARKING SUMMARY**

For BC Advanced Education: 2019 Calendar Year



Scope

The sites included in the benchmarks are from the following BC Advanced Education Institutions subscribed to monthly PUMA utility monitoring software & services during the calendar year 2019.



About PUMA

PUMA comprises a combination of software and services from Prism Engineering that track over 15,000 electrical, natural gas, water, and other fuel accounts for government, commercial, and institutional customers. Since launching online in 2009, more and more organizations have enlisted PUMA to help track and analyze building energy use.

PUMA is currently used by over 20 Energy Managers, and more than 50 organizations across Canada. Our utility tracking software and services save time and money for owners of multiple properties by turning data into actionable information.

About this Report

Each year the PUMA team puts together a benchmarking report for school districts, advanced education and municipalities. Based on compiled data from PUMA, this report enables the comparison of similar sites across each sector.

www.pumautilitymonitoring.ca



How **energy intensive** is your institution?

For 6 BC Institutions - Calendar Year 2019

BC Campuses EUI Calendar Year 2019 Electrical median is 98 ekWh/m² and fuel median is 109 ekWh/m². 400 1.4 350 1.2 PUMA 300 1 _م250 ۳/4×200 Median: 210 ekWh/m² 0.8 Ĕ ß 0.6 150 0.4 100 0.2 18 Campuses 50 0 0 Fuel Intensity Electrical Intensity Median

Although four buildings at Selkirk College are in a colder climactic zone than the other five institutions around Coastal BC, the Selkirk college buildings are not the most energy intensive buildings in our sample. Since the sample size would be that much smaller without these buildings, and because of where they slotted into the distribution, we included them in this analysis.



2019 Median Energy Use Intensity

| | Energy Use per m² (EUI) | Number in sample |
|-------------|---------------------------------|---------------------|
| Institution | Average 232 ekWh/m ² | n=6 |
| Campus | Median 210 ekWh/m ² | n=18 |



PUMA Utility Monitoring Inc.

PUMA is an affordable and effective way to compare the performance of all the buildings in your portfolio, including the ability to normalize for weather.

www.pumautilitymonitoring.ca

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