



engineering **energy** efficiency

We deliver energy efficiency. Our clients save.
We all care about the future.



SES CONSULTING

- Our Approach to Energy Efficiency

- **Discovery**
- Business Case
- **Implementation**
- Measurement and Verification



SES CLIENT CASE STUDIES



engineering energy efficiency

BC HYDRO SURREY CAMPUS

- Energy studies on **13** buildings (45,000 m² total)

lead by example
conservation

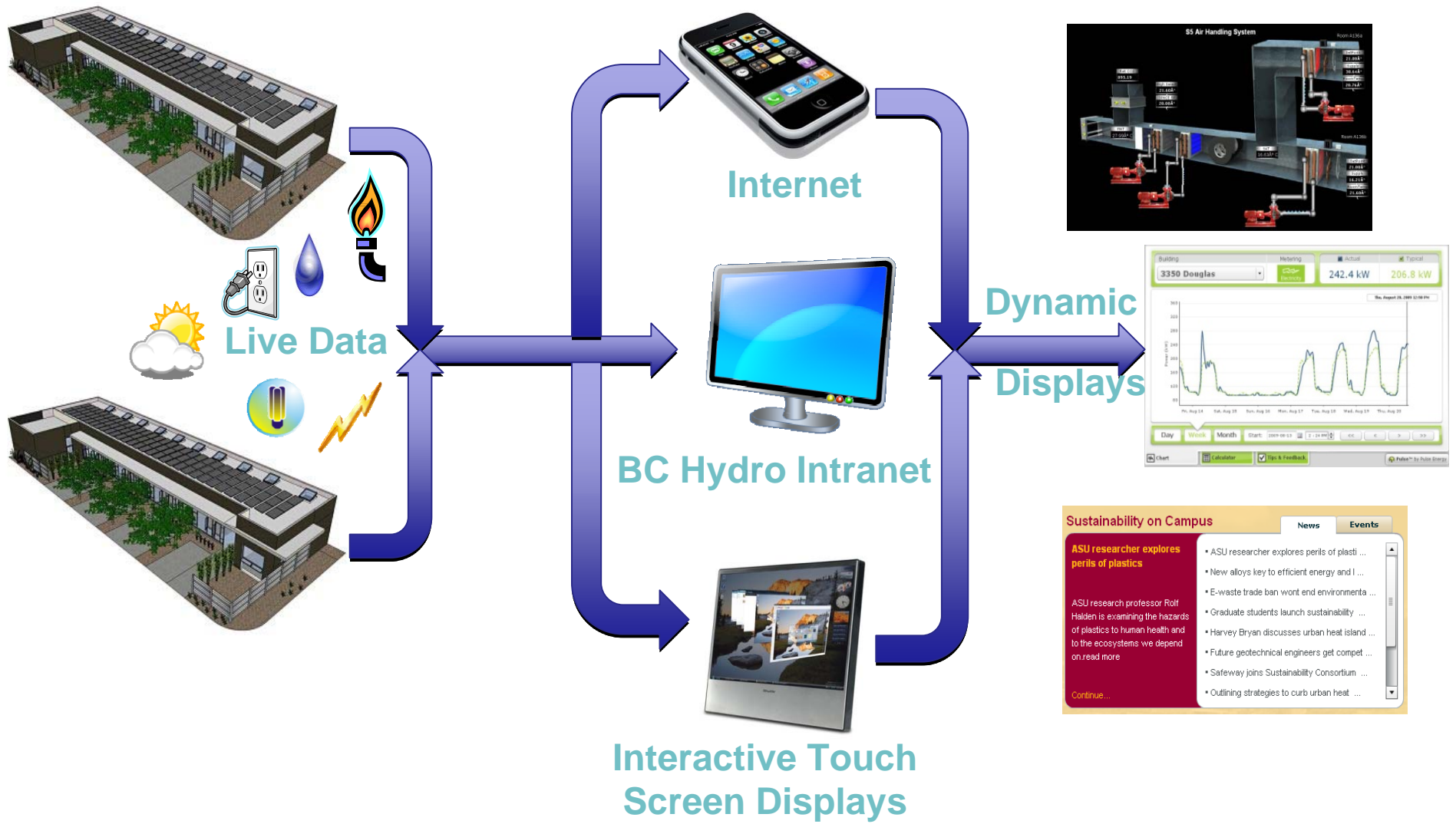


Total Savings



2.1 GWh electricity
18.5 TJ Gas

INTEGRATION & COMMUNICATION



1405 DOUGLAS HEAT RECOVERY

- 50,000 ft² Office Building in Victoria



Jawl Properties Ltd



1405 DOUGLAS HEAT RECOVERY

- Results



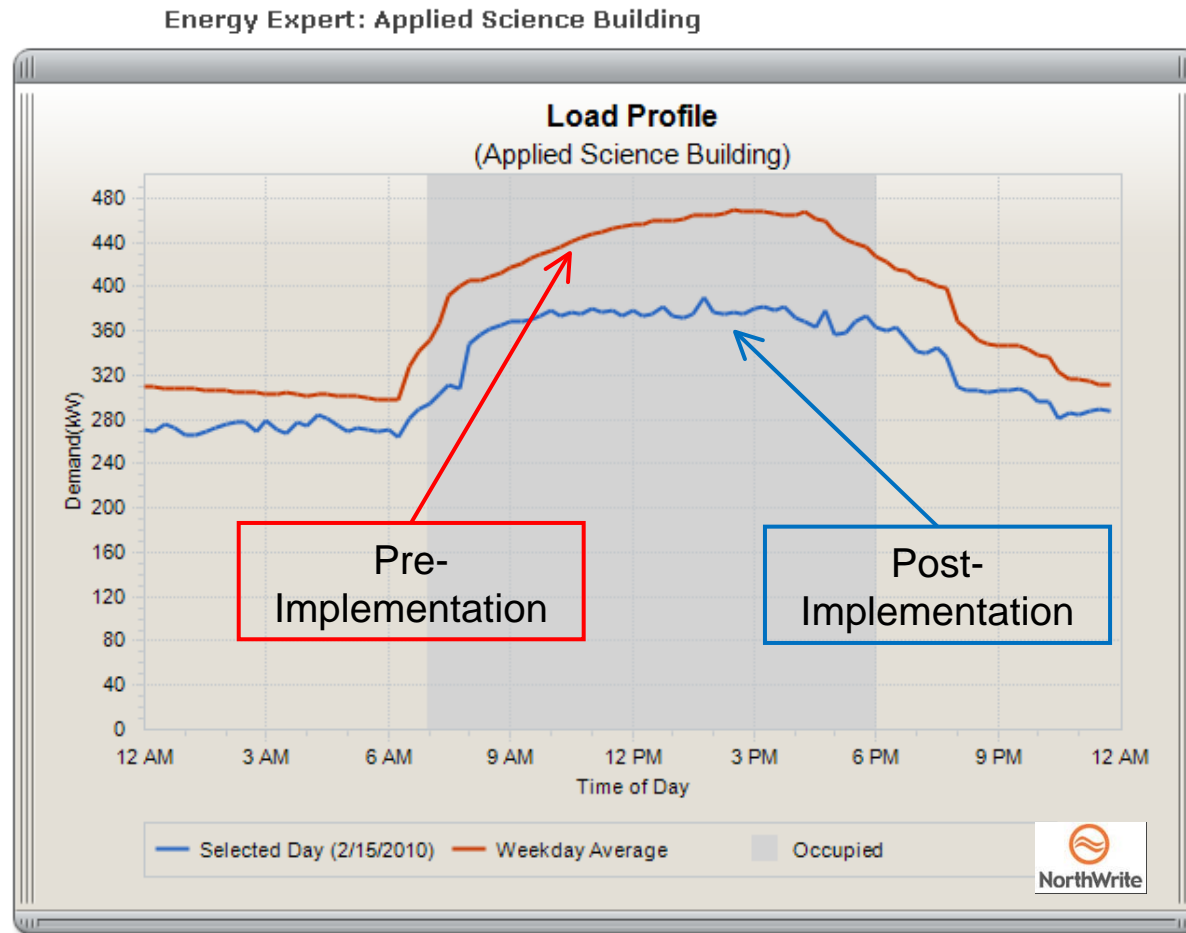
SFU APPLIED SCIENCE BUILDING

- 150,000 ft² building located on SFU Campus
- First BC Hydro Continuous Optimization Project



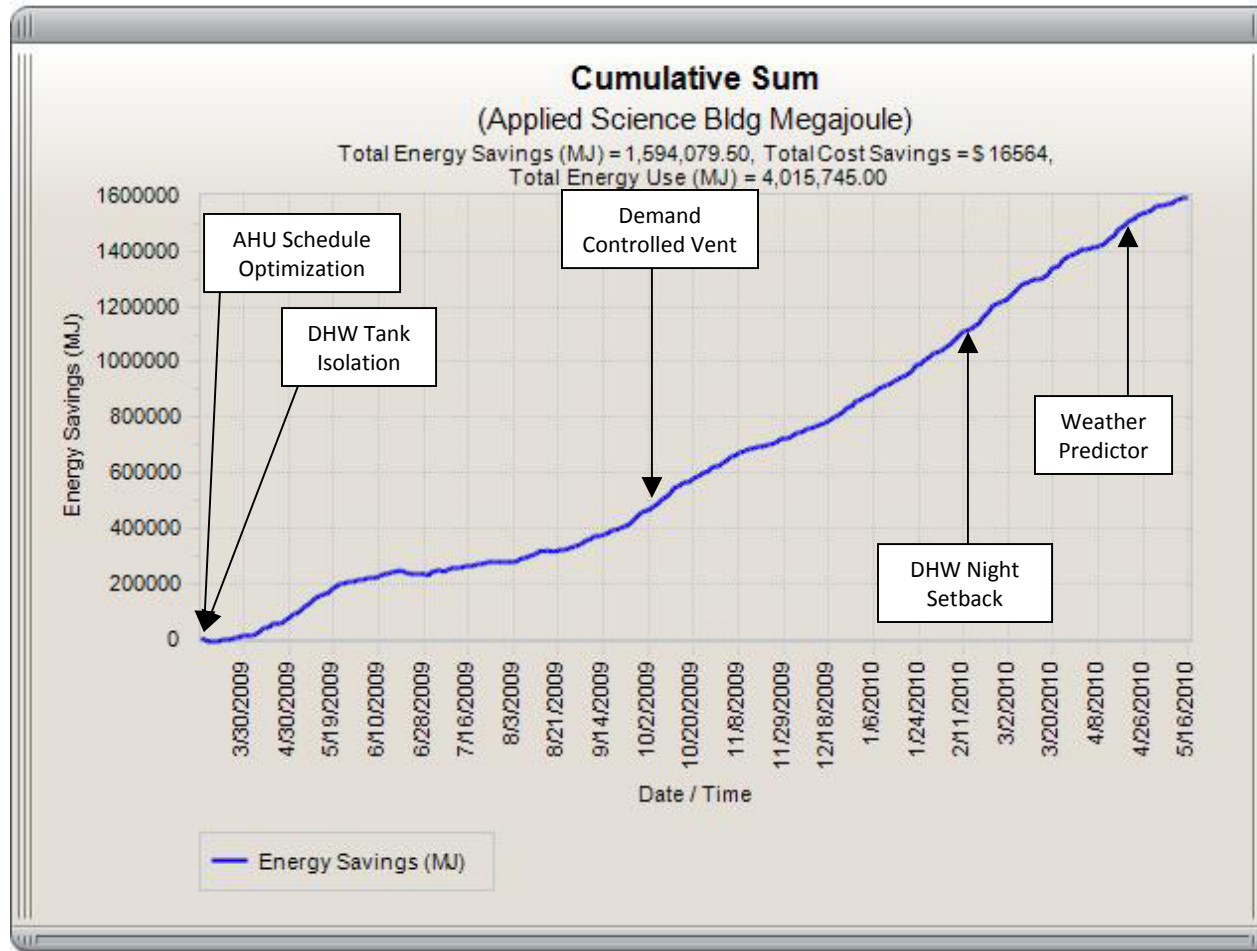
SFU APPLIED SCIENCE BUILDING

- Results



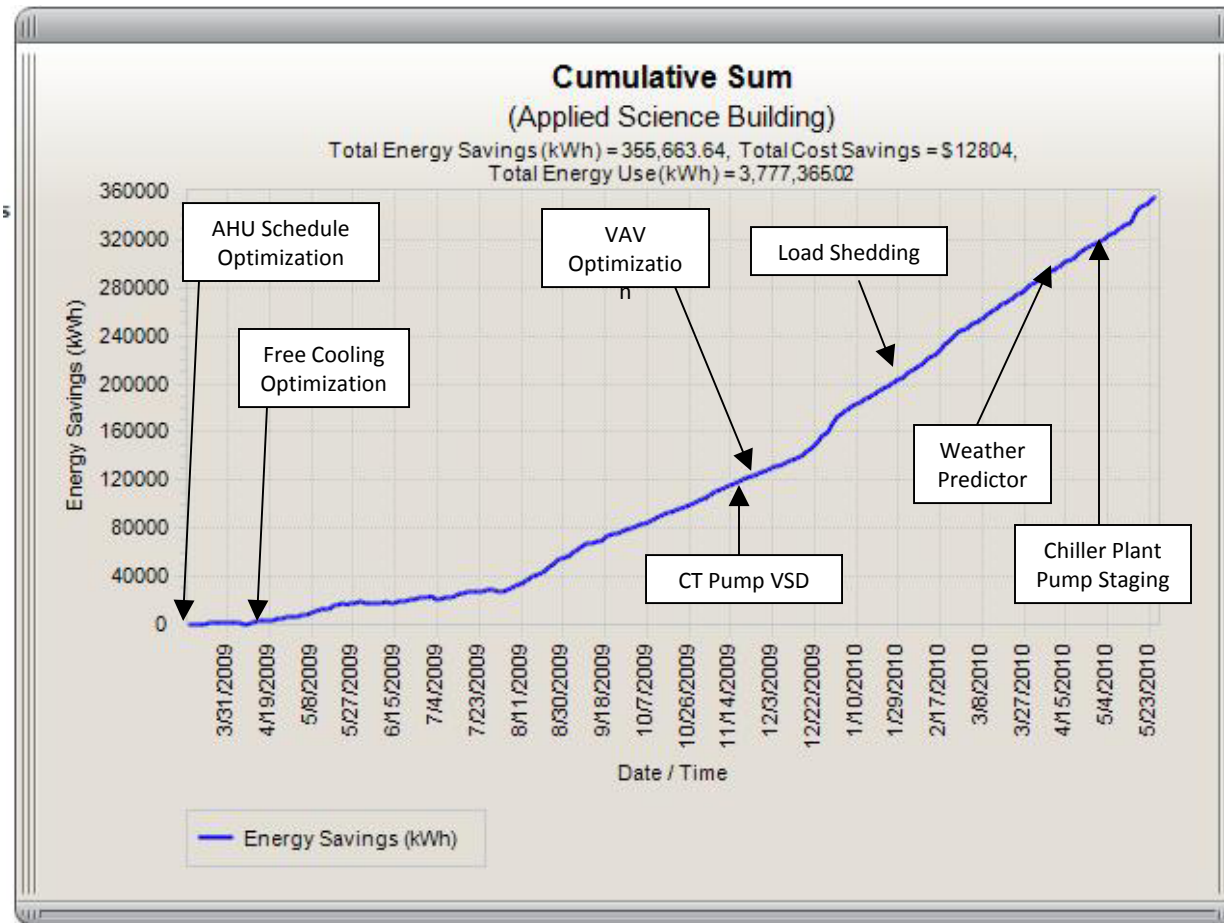
SFU APPLIED SCIENCE BUILDING

- Results



SFU APPLIED SCIENCE BUILDING

- Results



SES RESULTS

- 1405 Douglas Total Savings (Inc. Heat Recovery)

- Gas: 70%
- Electricity: 45%
- Incremental Capital Cost: \$150,000
- Simple Payback: 3.8 years
- GHG Reduction: 68%



- SFU Applied Science Building Total Savings

- Gas: 20%
- Electricity: 11%
- Incremental Capital Cost: \$50,000
- Simple Payback: 1.9 years
- GHG Reduction: 19%



THANK YOU!

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