



Annual Sustainability Report

2020-21: Appendix

nscC

Appendix A: 2021 NSCC Sustainable Development Goals (SDGs) Action Plan



The **17 Global Sustainable Development Goals (SDGs)** support the United Nation's 2030 Agenda for Sustainable Development and align closely with NSCC's strategic vision. Being an industry leader in sustainability and promoting sustainability literacy in Nova Scotia, NSCC has an important role to play in supporting global sustainable development. NSCC is committed to working toward these goals and reporting on our annual sustainability performance.

In January 2021, NSCC became one of the first institutions in Canada to sign the **SDG Accord** (sdgaccord.org), international university and college sector's collective response to the United Nations 17 SDGs.



SDG 1: No Poverty

End poverty in all its forms everywhere.

Action	Lead	SDG Committee Member	Action			
			Ongoing	2020/21	2021/22	2022/23
Working with industry to support student sponsorships, bursaries, awards, and financial aid.	Lori Foran, Foundation	Taralee Hammond	✓	-	-	-
NSCC Libraries & Learning Commons lends laptops, Internet sticks to students, reducing financial and technology barriers.	Debbie Costelo	Taralee Hammond	✓	-	-	-
Make equity a cornerstone in current Fundraising Appeal	Michelle Bussey	Jill Provoe	✓	-	-	-
Offer bursaries for underrepresented students to attain education at little to no cost.	Tom Gunn / Margaret Champion	Andrew Lafford	✓	-	-	-
Student Works - Continue to provide part-time student employment opportunities and steward the Peer Assisted Learning Supports program in 2021-22.	Debbie Costelo, Jessica Isenor	Taralee Hammond	-	✓	-	-
Continue to promote NSCC's Financial Literacy course; a free online course that is available to all students.	Matt Currie	Taralee Hammond	✓	-	-	-
Continue to offer emergency financial aid for students who are facing unanticipated financial challenges	Matt Currie	Taralee Hammond	✓	-	-	-
Helen Martin Leadership Award for Indigenous Women - work with Foundations to support efforts to include equity initiatives in their appeal campaigns.	Michelle Bussey	Jill Provoe	✓	-	-	-
Provide an annual \$3,000 grant to launch or grow a business.	Alison Marshall	Sheri Williams	✓	-	-	-
Launch CIBC Financial Literacy course.	Alison Marshall	Sheri Williams	-	-	✓	-
Offer A'paqt project that provides no cost education and supports for women and First Nations	Tom Gunn	Andrew Lafford, SOTE STT	✓	-	-	-



SDG 2: Zero Hunger

End hunger, achieve food security and improved nutrition and promote sustainable agriculture.

Action	Lead	SDG Committee Member	Action			
			Ongoing	2020/21	2021/22	2022/23
Work with Student Association and campus partners to enhance food security programs (i.e. breakfast programs, student pantry).	Chauncey Kennedy	Taralee Hammond	-	-	✓	-
Collaborate with Nourish NS to develop a Food Literacy program for Nova Scotians.	Scott MacPherson	Andrew Lafford SBCI	-	-	✓	-
Explore programs that address new sustainable ways to grow food including Controlled Environmental Agriculture.	Andrew Lafford	Andrew Lafford, SOTE	✓	-	-	-



SDG 3: Good Health and Well-Being

Ensure healthy lives and promote well-being for all at all ages.

Action	Lead	SDG Committee Member	Action			
			Ongoing	2020/21	2021/22	2022/23
Offered to each intake: Social Services Program (Diploma) includes a course on personal awareness and growth focused on health and wellness of self.	Margaret Champion	Andrew Lafford, SHHS	✓	-	-	-
Mental Health Recovery and Promotion (Diploma) students started their own chapter of Jack.org to promote mental health within communities across Canada. New class will continue this initiative	Margaret Champion	Andrew Lafford, SHHS	✓	-	-	-
Continue free subscription for students to access Campus Well, an online health and wellness publication for students covering research-based info on mental health related topics.	Wanda McDonald	Laurie Edwards	✓	-	-	-
Include learning outcomes around health and wellbeing in new program development and in curriculum reviews for existing programs.	Scott MacPherson / Margaret Champion / Tom Gunn	Andrew Lafford, All Schools	✓	-	-	-



SDG 4: Quality Education

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.

Action	Lead	SDG Committee Member	Action			
			Ongoing	2020/21	2021/22	2022/23
The Copyright Office and NSCC Libraries support faculty in the adoption and use of open textbooks and open educational resources to aid in reducing inequities in education.	Andrea Stewart	Taralee Hammond	✓	-	-	-
Co-chair Accessibility Awareness and Capacity Building Campaign working group with all provincial PSEs.	Cindy Cook	Taralee Hammond	-	✓	-	-
Offer a second intake of the Continuing Care Assistant program with Eskasoni.	Margaret Champion	Andrew Lafford, SHHS	-	-	✓	-
Offer a customized Professional Development opportunity for employees working in the disability support field.	Margaret Champion	Andrew Lafford, SHHS	-	-	✓	-
Accessibility Employment Program for Students with Disabilities (wage subsidy incentive for employers).	Cindy Cook	Taralee Hammond	✓	-	-	-
Develop an EDI Curriculum Plan in collaboration with partners in Academic.	Jennifer Archer	Jill Provoe, Jennifer Archer, Kate Snyder	-	-	✓	-
Conduct Sustainability Literacy survey again in 2022.	Mike Chapman	Mike Chapman	-	-	✓	-
Plans: incoming WUSC SRP student and applications for 21 incoming student exchange scholarships from developing country partners applications submitted GAC for the 2021-22 academic year. Project activities will continue towards this goal in Kenya, Peru, Chile, Grenada and Caribbean.	Katie Orr	Katie Orr	✓	✓	✓	✓
Virtual exchanges to expand to increased numbers of NSCC students participating in in-person global citizenship and cultural learning programs with partners around the world.	Katie Orr	Katie Orr	✓	✓	✓	✓
Develop an Organizational Equity Scorecard.	Jill Provoe	Jill Provoe, Chris Daly	-	-	-	✓
Develop an Equity Theory of Change to be used as a framework for planning, decision making assessing impact.	Jill Provoe	Jill Provoe	-	-	✓	-
Host an Equity Summit to launch a suite of open access training modules for faculty and student services practitioners.	Jill Provoe	Jill Provoe, Kate Snyder	-	✓	-	-
Deliver a Treaty Education Module to be included in the NSCC and Me Student Orientation.	Andrea Stewart	Jill Provoe, Taralee Hammond	-	-	-	✓

Action	Lead	SDG Committee Member	Action			
			Ongoing	2020/21	2021/22	2022/23
Develop an Anti-Racism Module to be included in the NSCC and Me Student Orientation.	Andrea Stewart	Jill Provoe, Taralee Hammond	-	✓	-	-
Human Rights, Equity and Inclusion will launch an Accessibility Advisory Committee that is 100% made up of persons with disabilities to provide first voice input and guidance.	Jill Provoe	Jill Provoe	-	-	✓	-
Human Rights, Equity and Inclusion will develop NSCC's first Multi-Year Accessibility Plan to be submitted to the province.	Jill Provoe	Jill Provoe	-	-	✓	-



SDG 5: Gender Equality

Achieve gender equality and empower all women and girls.

Action	Lead	SDG Committee Member	Action			
			Ongoing	2020/21	2021/22	2022/23
Continue to offer scholarships, bursaries, and awards to females in traditionally male dominated programs.	Matt Currie	Taralee Hammond	✓	-	-	-
Develop infants in the workplace/learning environment guidance for employees and students.	Tobin Legere	Taralee Hammond	-	-	✓	✓
Continue partnership with YWCA to pilot additional offerings of <i>Shift Change</i> and to participate in a Skilled Trades Equity and Inclusion Network.	Jill Provoe	Jill Provoe	✓	-	-	-
Continue to support the CWB and connect our female students to their resources.	Alison Marshall	Sheri Williams	✓	-	-	-
Working with organizations such as Techsploration + Women Unlimited to promote and provide educational opportunities for women and girls.	Andrew Lafford	Andrew Lafford, SBCI SOTE STT	✓	-	-	-
Work with individual students around developing program pathways that support parental leaves.	Margaret Champion	Andrew Lafford SHHS	✓	-	-	-
Employment equity and culturally responsive hiring practices with HR - launch a Designated Hiring Community of Practice.	-	Jill Provoe	-	✓	-	-



SDG 6: Clean Water and Sanitation

Ensure availability and sustainable management of water and sanitation for all.

Action	Lead	SDG Committee Member	Action			
			Ongoing	2020/21	2021/22	2022/23
Lead a pilot scale study of potable water using ultrafiltration technology to address water quality issues in Shelburne.	Etienne Mfoumou	Al Joseph	✓	-	-	-
Continue annual water quality monitoring program at all Campuses.	Mike	Mike Chapman	✓	-	-	-
Offer First Nations Water Operators training.	Andrew	Andrew Lafford, SOTE	-	-	✓	-



SDG 7: Affordable and Clean Energy

Ensure access to affordable, reliable, sustainable and modern energy for all.

Action	Lead	SDG Committee Member	Action			
			Ongoing	2020/21	2021/22	2022/23
30% of Fleet Vehicles to be electric by 2030: 2020/21: Lease EV for staff use 2021/22: Create Fleet Transition Plan 2022/23: Begin incorporating EVs into fleet	Kirk Herman	Mike Chapman	✓	✓	✓	✓
Install level 2 electric vehicle charging stations at all 14 physical NSCC campus locations by 2030. 2020/21: Four sites 2021/22: Six Sites 2022/23: Eight Sites	Kirk Herman	Mike Chapman	✓	✓	✓	✓
Installation of 75kw array to occur fall 2021 at Lunenburg Campus.	Jim Farrell	Mike Chapman	-	-	✓	-
Complete feasibility assessment of solar PV at all campuses. Develop business cases for campuses where PV is most feasible.	Kirk Herman	Mike Chapman	-	-	✓	-
Complete level 2 energy audits at all campuses in 2022.	Mike Chapman	Mike Chapman	-	-	-	✓



SDG 8: Decent Work and Economic Growth

Promote sustained, inclusive, and sustainable economic growth, full and productive employment and decent work for all.

Action	Lead	SDG Committee Member	Action			
			Ongoing	2020/21	2021/22	2022/23
Continue <i>Limitless</i> Program - supports incarcerated individuals who want to pursue a post-secondary education.	Lana Penney	Terrah Keener, Chris Daly	✓	-	-	-
Working with Mi'kmaq communities and women to acquire skills needed for the commercial marine sector through A'paqt project.	Tom Gunn	Andrew Lafford, STT	✓	-	-	-
Provide strong commitment to educational equity and belonging in skilled trades and transportation.	Tom Gunn	Andrew Lafford, STT	✓	-	-	-
Focusing on a two-year project to help women enter the skilled trades and experience a safe and welcoming environment.	Tom Gunn	Andrew Lafford, STT	-	✓	-	-



SDG 9: Industry, Innovation and Infrastructure

Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation.

Action	Lead	SDG Committee Member	Action			
			Ongoing	2020/21	2021/22	2022/23
Continue to partner on Social Shift Project, involving a movie, speakers, and activities around social enterprise. Continue to partner with Digby Cube to offer classes on Social Shift Project.	Alison Marshall, Nina Barnaby	Sheri Williams	✓	-	-	-
Achieve LEED Gold certification for NSCC's New Campus on the Sydney Waterfront by 2024.	Kirk Herman	Mike Chapman	-	✓	✓	✓
Provide educational programs that address sustainable efficiencies in the manufacturing/production sector.	Tom Gunn	Andrew Lafford, SOTE STT	✓	-	-	-
Implement sustainable construction standards as a matter of policy.	Mike Chapman / Kirk Herman	Mike Chapman	-	-	✓	-



SDG 10: Reduced Inequalities

Reduce inequality within and among countries.

Action	Lead	SDG Committee Member	Action			
			Ongoing	2020/21	2021/22	2022/23
Streamline culturally specific tutoring programs.	Debbie Costelo	Laurie Edwards, Taralee Hammond	-	-	✓	✓
Radio Television Journalism “Reporting in Mi’kma’ki” course begins in May of this year as a pilot with plans for continued delivery moving forward.	Scott MacPherson	Andrew Lafford, SBCI	-	-	✓	-
Pathways: a cohort of Indigenous students will begin June 2021.	Terrah Keener / Denise DiGiosia	Andrew Lafford, SAEL	-	-	✓	-
Initiated two Student Affinity Groups for Black and Indigenous students - will launch additional Student Affinity Groups to enhance a sense of belonging for other equity-seeking and diverse students.	Keisha Turner	Jill Provoe, Laurie Edwards	✓	-	-	-
Revitalize Campus Equity and Inclusion Committees and bring leads together to form a Community of Practice.	Jill Provoe	Jill Provoe	-	✓	✓	✓
Nurture NSCC-Indigenous Joint Steering Committee and Joint Working Group to gather first voice input.	Jill Provoe	Jill Provoe	✓	-	-	-
Support self-directed learning through the development of equity and inclusion resource guides.	Debbie Costelo	Jill Provoe, Taralee Hammond	✓	-	-	-
Ensure programs within the SHHS include outcomes addressing culture, diversity, and inclusion. Review Outcomes annually.	Margaret Champion	Jennifer Archer	-	✓	✓	✓
New Sydney Downtown Campus project is employing, tracking, and reporting a minimum of 10% of all workforce hours performed by individuals from under-represented groups.	Brian Fancy	Michael Chapman	-	✓	✓	✓
Continue The Rick Hansen Foundation Accessibility Certification™ (RHAC) Training	Terrah Keener	Andrew Lafford, SAEL	✓	-	-	-
Continue Achieve Program	Terrah Keener	Andrew Lafford, SAEL	✓	-	-	-
Preparing to launch a Black Community Council to provide First Voice input.	Jill Provoe	Jill Provoe	-	-	✓	-



SDG 11: Sustainable Cities and Communities

Make cities and human settlements inclusive, safe, resilient, and sustainable.

Action	Lead	SDG Committee Member	Action			
			Ongoing	2020/21	2021/22	2022/23
Participate in HRM Transit ePass program.	Jacob Ritchie	Jacob Ritchie	✓	-	-	-
Drafting and launching NSCC's First Indigenous Education Framework.	Jill Provoe	Jill Provoe	-	✓	-	-
Create a new position of Senior Advisor, Black Nova Scotian Initiatives, to create an Anti-Black Racism strategy.	Tom Gunn	Jill Provoe, Andrew Lafford, STT	-	-	✓	-
Offer a program in Community Recreation with outcomes focused on building healthy, sustainable communities.	Margaret Champion	Andrew Lafford, SHHS	-	-	✓	-
Encourage and promote student project work that address sustainable community management and development.	Scott MacPherson	Andrew Lafford, SBCI SOTE	✓	-	-	-
Maintain BOMA BEST certification at all campuses. Next certification 2022.	Mike Chapman	Mike Chapman	-	-	✓	-



SDG 12: Responsible Consumption and Production

Ensure sustainable consumption and production patterns.

Action	Lead	SDG Committee Member	Action			
			Ongoing	2020/21	2021/22	2022/23
Reduce energy consumption at campuses. Energy Targets: 35% reduction by 2030 50% reduction by 2050 (From 2008 baseline year)	Jim Farrell	Mike Chapman	✓	-	-	-
Reduce water consumption at campuses. Water Targets: 50 % reduction by 2030 55% reduction by 2050 (From 2008 baseline year)	Mike Chapman	Mike Chapman	✓	-	-	-

Action	Lead	SDG Committee Member	Action			
			Ongoing	2020/21	2021/22	2022/23
Waste Management Goals: Minimum 65% Waste Diversion Rate at each Campus	Martha MacGowan	Mike Chapman	✓	-	-	-
Reduce amount of waste College generates. Waste reduction Targets: 15 kg/person/year by 2022. 10 kg/person/ year by 2030.	Martha MacGowan	Mike Chapman	✓	-	-	✓
Eliminate single-use plastics at all campuses by 2030.	Martha MacGowan	Mike Chapman	✓	-	-	-
Work with campus cafeterias to provide sustainable dining, food, and beverage options.	Martha MacGowan	Mike Chapman	✓	-	-	-
Ensure construction management and design programs provide education on reducing building waste and using sustainable practices in the construction process.	Andrew Lafford	Andrew Lafford, SOTE	✓	-	-	-
Using less paper by moving to digital resources and requirements of student submissions.	Scott MacPherson	Andrew Lafford, All Schools	✓	-	-	-
Ensure sustainable practices of dealing with waste is implemented in all Trades programs.	Andrew Lafford	Andrew Lafford	✓	-	-	-
Donate end of life library books to a Better World Books, a global social venture company.	Debbie Costelo	Taralee Hammond	✓	-	-	-
Develop program to donate used items at end of year (waste diversion) from residents; and develop list of places to donate for off campus housing	Chauncey Kennedy	Taralee Hammond	-	-	✓	✓
Provide specific training in environmental management systems.	Scott MacPherson	Andrew Lafford, SOTE	✓	-	-	-
Provide training in the sustainable resource management of land and ocean-based food production.	Scott MacPherson	Andrew Lafford, SOTE	✓	-	-	-
Work towards replacing all print text books with Online Educational Resources (OER) by 2023.	Terrah Keener	Andrew Lafford, SAEL	-	-	-	✓



SDG 13: Climate Action

Take urgent action to combat climate change and its impacts.

Action	Lead	SDG Committee Member	Action			
			Ongoing	2020/21	2021/22	2022/23
Renew program for monitoring building systems with a focus on efficiency.	Tom Gunn	Andrew Lafford, STT	-	-	✓	-
Continue to develop the NSCC Annual Sustainability Report and make it available to the public.	Mike Chapman	Mike Chapman	✓	-	-	-
Develop and implement the NSCC Climate Action Plan by 2022. Reduce Greenhouse Gas (GHG) emissions at all Campuses. GHG Targets: 60% reduction by 2030 80% reduction by 2040 Net Zero by 2050 (From 2008 baseline)	Kirk Herman	Mike Chapman	✓	-	✓	-
Embed education that highlights the urgency of Climate Change action into the curriculum. Collect/Share climate change data.	Scott MacPherson	Andrew Lafford, SBCI SOTE	✓	-	-	-
Project activities will begin (virtually and eventually in person) to design TVET programming and instructor training to enhance water and coastal management capacity in Grenada	Katie Orr	Katie Orr	✓	✓	-	-



SDG14: Life Below Water

Conserve and sustainably use the oceans, seas, and marine resources for sustainable development.

Action	Lead	SDG Committee Member	Action			
			Ongoing	2020/21	2021/22	2022/23
Explore the development of oceans based micro-credentials.	Andrew Lafford	Andrew Lafford, SOTE	-	✓	-	-
Sea Farming Program - infusing sustainable tech into industry.	Andrew Lafford	Andrew Lafford, SOTE	-	✓	-	-
Pilot coastal protection program.	Andrew Lafford	Andrew Lafford, SOTE	-	✓	-	-
Develop a blue economy strategy.	Andrew Lafford	Andrew Lafford, SOTE	-	-	✓	-



SDG 15: Life on Land

Protect, restore, and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.

Action	Lead	SDG Committee Member	Action			
			Ongoing	2020/21	2021/22	2022/23
Offer new con-ed courses in Geographical Information Systems.	Andrew Lafford	Andrew Lafford, SOTE	-	✓	-	-
Develop a new workforce development strategy for the forestry sector that includes first nations forests, campus demonstration woodlots, building a dedicated forestry center with expanded training offerings.	Andrew Lafford	Andrew Lafford, SOTE	-	✓	-	-
Work with Apprenticeship agency to develop a new agriculture technician program.	Andrew Lafford	Andrew Lafford, SOTE	-	-	-	✓



SDG 16: Peace, Justice, and Strong Institutions

Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable, and inclusive institutions at all levels.

Action	Lead	SDG Committee Member	Action			
			Ongoing	2020/21	2021/22	2022/23
Continue to work with and listen to community partners and equity seeking groups to create a college that is welcoming and supportive to everyone.	Tom Gunn	Jill Provoe	✓	-	-	-
Continue to work with industry and government to create safe and welcoming workspaces and hiring for women and for all equity seeking groups.	Jill Provoe	Jill Provoe	✓	-	-	-
Implement an Equity, Diversity, and Inclusion Leadership Learning Plan for all college managers.	Jill Provoe	Jill Provoe	✓	-	-	-
Develop Women Unlimited program model as it transitions into NSCC.	Jill Provoe	Jill Provoe	-	-	✓	-
Creation of a new cultural space outside SAC new residence to honour residential school survivors.	Denise DiGiosia / Mike Chapman	Jill Provoe	-	-	✓	-



SDG 17: Partnerships for the Goals

Strengthen the means of implementation and revitalize the global partnership for sustainable development.

Action	Lead	SDG Committee Member	Action			
			Ongoing	2020/21	2021/22	2022/23
Work with Panamanian Marine authorities to strengthen our cooperation and collegiality and explore possible alliances.	Tom Gunn	Andrew Lafford, STT	✓	-	-	-
Share SDG related stories and website throughout NSCC and local communities in NS and across the country.	Sheri Williams	Sheri Williams	✓	-	-	-
Continue to engage with Cican and partner institutions to develop best practices for the advancement of the SDGs in the College sector.	Mike Chapman	Mike Chapman	✓	-	-	-
SAEL will work with government, industry, and community partners to be a conscientious global citizen, working towards integrating the applicable SDGs as a part of every new and existing initiative.	Terrah Keener	Andrew Lafford, SAEL	✓	-	-	-
NSCC International will design a workshop for NSCC's partners International technical assistance projects to build capacity for institutions to implement SDGs in their settings.	Katie Orr	Katie Orr	-	-	✓	-

Appendix B: 2021 NSCC Campus Specific Data

Since 2008, NSCC Facilities and Engineering has been tracking key performance metrics tied to sustainability at all our campuses. We track how much energy we use, our GHG emissions, how much water we consume, and how much of our waste is diverted from landfill. In recent years we have also started tracking paper consumption, space utilization, and our Facilities Condition Index (FCI) – a measure of the physical condition of our buildings – which helps us better understand where we need to focus our efforts on renovations and retrofits.

Publishing this data to the public lets our community know how NSCC is doing in terms of meeting our sustainability goals and targets. We are very proud of our progress since our 2008/2009 baseline year and we plan on continuing to improve our performance as we look forward to 2030.

2008/09, 2009/10, 2010/11 data is available upon request.

All NSCC Campuses

	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Change from last year			Change since 2008/09		
Electricity (kWh)	23,715,921	23,132,367	22,303,314	22,592,014	22,033,223	21,230,538	21,565,506	21,519,829	18,348,355	18,427,122	78,767	0%	⬜	6,379,922	-26%	⬆️
Fuel Oil (ekWh)	18,119,496	19,281,562	21,483,808	21,218,632	20,066,031	18,944,549	14,045,686	14,173,765	10,181,192	9,674,426	506,766	-5%	⬆️	21,888,599	-69%	⬆️
Propane (ekWh)	1,606,409	1,160,221	813,109	748,660	907,474	1,279,867	4,633,356	7,093,118	7,542,875	6,680,006	862,869	-11%	⬆️	4,880,336	+73%	⬆️
Natural Gas (ekWh)	6,369,023	8,102,355	7,456,315	6,817,322	6,086,310	9,205,666	7,711,095	9,121,913	6,713,289	7,970,014	1,256,724	+19%	⬆️	7,466,726	+94%	⬆️
Steam (ekWh)	2,151,068	2,579,229	2,650,814	1,982,374	1,456,780	1,638,028	1,368,845	1,298,080	1,391,651	1,446,032	54,381	+4%	⬆️	441,164	-23%	⬆️
Wood (ekWh)	-	-	-	-	-	-	-	-	513,100	499,250	13,850	-3%	⬆️	499,250	+100%	⬆️
Total Energy (ekWh)	51,961,916	54,255,734	54,707,360	53,359,001	50,549,818	52,298,648	49,324,488	53,206,705	44,690,463	44,696,850	6,387	0%	⬜	15,863,374	-26%	⬆️
Energy Intensity (ekWh/SF)	307	319	335	334	315	319	319	329	274	279	5	2%	⬆️	104	-27%	⬆️
CO2 (Metric Tonnes)	25,341	24,927	23,714	23,045	22,399	21,233	20,708	20,953	17,778	17,513	266	-1%	⬆️	12,586	-42%	⬆️
Water Use (m3)	87,399	99,370	82,088	83,466	80,259	71,958	72,652	65,963	58,468	54,225	4,244	-7%	⬆️	83,308	-61%	⬆️
Waste Diversion Rate (%)	68%	-	65%	74%	75%	76%	73%	74%	84%	66%	-18%	⬆️		-	-	
Paper Consumption (# of Pages)	-	-	-	-	-	-	24,560,911	23,247,827	17,746,493	9,580,727	8,165,766	-46%	⬆️		-	-
Double-Sided Printing (%)	-	-	-	-	-	-	16%	18%	22%	20%	-2%	⬆️		-	-	
FCI (%)	-	-	-	12%	10%	10%	-	12%	15%	9%	-7%	⬆️		-	-	
Space Utilization (%)	-	-	-	-	-	48%	49%	48%	45%	*	-	-		-	-	

*Due to campus shut-downs from COVID-19, Space Utilization could not be calculated this year.

⬆️ Positive Change ⬆️ Negative Change ⬜ Neutral Change

Akerley Campus

	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Change from last year			Change since 2008/09		
Peak Demand (kW)	970.2 Feb-12	905.4 Jan-13	885.6 Feb-14	867.6 Oct-14	862.2 Jan-16	835.2 Jan-17	813.6 Nov-17	766.8 Apr-19	756 Jan-20	680.4 Jan-21	-			-		
Electricity (kWh)	2,615,966	2,557,446	2,432,096	2,383,144	2,318,627	2,154,120	1,998,705	1,988,838	1,605,923	1,829,814	223,891	+12%	⬆️	907,826	-33%	⬆️
Natural Gas (ekWh)	4,430,179	5,577,207	5,124,754	4,611,273	4,028,112	4,909,893	3,478,195	3,726,030	2,517,692	3,567,469	1,049,777	+29%	⬆️	3,064,181	+86%	⬆️
Fuel Oil (ekWh)	-	-	-	-	-	-	-	-	-	-	-	=	⬆️	4,374,226	-100%	⬆️
Propane (ekWh)	837,562	465,369	82,272	-	-	-	-	1,756	5,004	3,950	1,054	-21%	⬆️	960,730	-100%	⬆️
Total Energy (ekWh)	7,883,707	8,600,021	7,639,122	6,994,417	6,346,739	7,064,013	5,476,900	5,716,624	4,128,619	5,401,233	1,272,614	+24%	⬆️	3,178,600	-37%	⬆️
Energy Intensity (ekWh/SF)	29	31	28	21	19	21	17	17	13	16	4	+24%	⬆️	15	-48%	⬆️
CO2 (Metric Tonnes)	3,016	3,013	2,649	2,463	2,347	2,109	1,934	1,925	1,483	1,796	313	+17%	⬆️	2,197	-55%	⬆️
Water Use (m3)	17,588	10,959	9,577	8,201	7,386	6,273	6,466	6,749	5,917	5,252	665	-11%	⬆️	29,770	-85%	⬆️
Waste Diversion Rate (%)	41%	-	65%	78%	83%	80%	77%	84%	80%	73%	-7%	⬆️	⬆️	-	-	-
Paper Consumption (# of Pages)	-	-	-	-	-	-	1,308,498	1,499,310	1,088,855	366,690	-722,165	⬆️	⬆️	-	-	-
Double-Sided Printing (%)	-	-	-	-	-	-	17%	21%	21%	20%	-1%	⬆️	⬆️	-	-	-
FCI (%)	-	-	-	8%	2%	4%	3%	4%	10%	6%	-5%	⬆️	⬆️	-	-	-
Space Utilization (%)	-	-	-	-	-	47%	49%	56%	47%	*	-	-	-	-	-	-

*Due to campus shut-downs from COVID-19, Space Utilization could not be calculated this year.

⬆️ Positive Change ⬆️ Negative Change ⬆️ Neutral Change

Annapolis Valley Campus – Centre of Geographic Sciences

	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Change from last year			Change since 2008/09		
Peak Demand (kW)	141.1 Sep-11	131.8 Dec-12	130.7 Oct-13	130.7 Oct-14	126.7 Sep-15	127.4 Sep-16	126.4 Sep-17	119.5 Sep-18	123.8 Jul-20	158.8 Jan-21	-			-		
Electricity (kWh)	388,279	392,452	384,289	435,744	424,869	454,196	446,036	458,208	439,501	559,049	119,548	+21%	⬆️	18,160	+3%	⬆️
Fuel Oil (ekWh)	563,954	568,648	581,822	580,159	622,691	720,048	545,719	689,082	577,585	461,125	116,460	-20%	⬆️	324,876	-41%	⬆️
Propane (ekWh)	-	-	-	-	-	-	-	-	-	114,608	114,608	+100%	⬆️	114,608	+100%	⬆️
Total Energy (ekWh)	952,233	961,100	966,111	1,015,903	1,047,560	1,174,244	991,755	1,147,290	1,017,086	1,134,782	117,697	+10%	⬆️	192,107	-14%	⬆️
Energy Intensity (ekWh/SF)	16	16	16	17	17	19	16	19	17	19	2	+10%	⬆️	3	-14%	⬆️
CO2 (Metric Tonnes)	448	447	429	456	467	493	439	474	436	495	59	+12%	⬆️	155	-24%	⬆️
Water Use (m3)	1,425	1,110	952	906	1,140	1,023	907	947	900	1,045	145	+14%	⬆️	1,903	-65%	⬆️
Waste Diversion Rate (%)	76%	-	65%	91%	90%	96%	88%	88%	94%	93%	-1%	⬆️		-	-	
Paper Consumption (# of Pages)	-	-	-	-	-	-	201,555	152,150	101,131	33,408	-67,723	⬆️		-	-	
Double-Sided Printing (%)	-	-	-	-	-	-	23%	24%	22%	18%	-4%	⬆️		-	-	
FCI (%)	-	-	-	21%	16%	21%	20%	21%	33%	10%	-23%	⬆️		-	-	
Space Utilization (%)	-	-	-	-	-	35%	36%	34%	37%	*	-	-		-	-	

*Due to campus shut-downs from COVID-19, Space Utilization could not be calculated this year.

⬆️ Positive Change ⬆️ Negative Change ⬆️ Neutral Change

Annapolis Valley Campus – Middleton

	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Change from last year			Change since 2008/09		
Peak Demand (kW)	198 Sep-11	167.8 Feb-13	188.3 Feb-14	187.6 Jan-15	168.1 Feb-16	148.3 Sep-16	166.7 Jan-18	178.9 Jan-19	167.4 Jan-20	154.8 Jun-21	-			-		
Electricity (kWh)	611,320	586,780	586,887	614,492	555,821	520,376	521,434	569,907	565,025	539,543	25,482	-5%	⬆️	367,624	-41%	⬆️
Fuel Oil (ekWh)	727,895	842,583	1,155,993	934,751	824,268	972,669	764,039	968,193	912,562	743,650	168,911	-19%	⬆️	602,267	-45%	⬆️
Propane (ekWh)	81,939	117,544	76,953	48,279	45,504	74,192	28,783	89,405	72,170	-	72,170	-100%	⬆️	82,521	-100%	⬆️
Total Energy (ekWh)	1,421,154	1,546,907	1,819,833	1,597,522	1,425,594	1,567,237	1,314,255	1,627,505	1,549,756	1,283,193	266,563	-17%	⬆️	1,052,412	-45%	⬆️
Energy Intensity (ekWh/SF)	12	13	16	14	12	13	11	14	13	11	2	-17%	⬆️	9	-45%	⬆️
CO2 (Metric Tonnes)	682	680	728	672	611	609	544	627	584	532	52	-9%	⬆️	584	-52%	⬆️
Water Use (m3)	1,317	1,540	1,519	1,340	1,424	1,086	1,003	1,085	743	707	36	-9%	⬆️	103	-13%	⬆️
Waste Diversion Rate (%)	68%	-	64%	90%	91%	96%	96%	97%	97%	93%	-4%	⬇️		-	-	
Paper Consumption (# of Pages)	-	-	-	-	-	-	192,405	170,897	135,631	78,293	-57,338	⬆️		-	-	
Double-Sided Printing (%)	-	-	-	-	-	-	12%	15%	17%	10%	-7%	⬇️		-	-	
FCI (%)	-	-	-	21%	16%	21%	20%	21%	33%	18%	-15%	⬆️		-	-	
Space Utilization (%)	-	-	-	-	-	35%	36%	34%	37%	*	-	-		-	-	

*Due to campus shut-downs from COVID-19, Space Utilization could not be calculated this year.

⬆️ Positive Change ⬇️ Negative Change ⬆️ Neutral Change

Burridge Campus

	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Change from last year			Change since 2008/09		
Peak Demand (kW)	285.6 Jan-12	99.7 Feb-13	194.5 May-14	320.4 Jan-15	332.9 Jan-16	336.7 Feb-17	414.2 Oct-17	304 Feb-19	288.2 Feb-20	228 Jan-21	-			-		
Electricity (kWh)	886,145	907,666	921,682	932,576	928,456	852,480	732,922	722,465	693,509	706,122	12,613	+2%	⬆️	254,601	-28%	⬆️
Fuel Oil (ekWh)	1,030,567	1,384,238	1,646,750	1,767,983	1,648,840	1,556,831	-	-	-	-	-	-	=	1,419,501	-100%	⬆️
Propane (ekWh)	8,644	36,373	18,767	59,858	44,301	103,716	1,650,282	1,727,744	1,457,685	1,526,567	68,882	+5%	⬆️	1,506,601	+99%	⬆️
Total Energy (ekWh)	1,925,356	2,328,277	2,587,199	2,760,417	2,621,596	2,513,027	2,383,204	2,450,209	2,151,194	2,232,689	81,495	+4%	⬆️	131,695	-6%	⬆️
Energy Intensity (ekWh/SF)	14	16	18	19	18	18	17	17	15	16	1	+4%	⬆️	1	-6%	⬆️
CO2 (Metric Tonnes)	959	1,043	1,077	1,107	1,084	985	857	849	769	765	3	0%	=	370	-33%	⬆️
Water Use (m3)	2,225	3,214	2,883	2,588	1,786	1,612	2,534	2,497	1,621	1,327	295	-18%	⬆️	3,077	-70%	⬆️
Waste Diversion Rate (%)	85%	-	79%	93%	78%	83%	86%	71%	74%	82%	+8%	⬆️		-	-	
Paper Consumption (# of Pages)	-	-	-	-	-	-	516,009	591,960	438,606	140,997	-297,609	⬆️		-	-	
Double-Sided Printing (%)	-	-	-	-	-	-	18%	22%	22%	21%	-1%	⬆️		-	-	
FCI (%)	-	-	-	17%	17%	20%	20%	21%	20%	10%	-10%	⬆️		-	-	
Space Utilization (%)	-	-	-	-	-	46%	43%	41%	33%	*	-	-		-	-	

*Due to campus shut-downs from COVID-19, Space Utilization could not be calculated this year.

⬆️ Positive Change ⬆️ Negative Change ⬆️ Neutral Change

Cumberland Campus

	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Change from last year			Change since 2008/09		
Peak Demand (kW)	153.1 Jan-21	161.5 Jan-13	139.9 Jan-14	148.3 Mar-15	205.4 Jan-16	176.4 Feb-17	167.8 Jan-18	228.2 Feb-19	185.8 Feb-20	171.8 Jan-21	-			-		
Electricity (kWh)	394,207	416,376	410,486	406,499	435,844	388,340	364,319	456,333	362,743	355,536	7,207	-2%	⬇️	150,687	-30%	⬇️
Fuel Oil (ekWh)	533,172	671,298	671,298	664,977	576,778	531,506	501,506	697,433	689,616	568,718	120,898	-18%	⬇️	235,755	-29%	⬇️
Total Energy (ekWh)	927,379	1,087,674	1,081,784	1,071,476	1,012,622	919,846	865,825	1,153,766	1,052,359	924,254	128,105	-12%	⬇️	235,755	-18%	⬇️
Energy Intensity (ekWh/SF)	17	20	20	20	19	17	16	21	19	17	2	-12%	⬇️	7	-29%	⬇️
CO2 (Metric Tonnes)	445	484	444	450	453	393	368	467	407	371	36	-9%	⬇️	144	-28%	⬇️
Water Use (m3)	2,036	3,290	2,444	2,834	1,287	1,286	637	1,352	810	565	245	-30%	⬇️	1,564	-73%	⬇️
Waste Diversion Rate (%)	59%	-	58%	65%	61%	61%	59%	48%	80%	45%	-35%	⬇️		-	-	
Paper Consumption (# of Pages)	-	-	-	-	-	-	230,785	195,832	141,612	30,937	-110,675	⬇️		-	-	
Double-Sided Printing (%)	-	-	-	-	-	-	11%	19%	23%	17%	-6%	⬇️		-	-	
FCI (%)	-	-	-	10%	9%	10%	11%	11%	19%	12%	-7%	⬇️		-	-	
Space Utilization (%)	-	-	-	-	-	43%	43%	38%	36%	*	-	-		-	-	

*Due to campus shut-downs from COVID-19, Space Utilization could not be calculated this year.

⬆️ Positive Change ⬇️ Negative Change ⬆️ Neutral Change

Institute of Technology Campus

	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Change from last year			Change since 2008/09		
Peak Demand (kW)	850.4 Jan-12	893.7 Jan-13	852.6 Mar-14	970.1 Feb-15	844.7 Jan-16	839.1 Dec-16	777.6 Jan-18	812.2 Feb-19	670 Sep-19	548.6 Jun-21	-			-		
Electricity (kWh)	3,112,246	2,997,639	3,124,059	3,114,307	2,869,567	2,806,422	2,624,093	2,588,804	2,293,083	2,263,973	29,110	-1%	⬇️	52,196	-2%	⬇️
Natural Gas (ekWh)	1,938,844	2,525,149	2,331,561	2,206,048	2,058,198	1,993,314	1,972,041	2,423,036	1,985,869	1,850,677	135,192	-7%	⬇️	1,850,677	+1	⬆️
Fuel Oil (ekWh)	-	-	-	-	-	-	-	-	-	-	-	0%	=	3,430,031	-1	⬇️
Propane (ekWh)	26,469	11,515	24,409	22,707	26,000	25,878	6,679	29,590	31,804	9,771	22,033	-69%	⬇️	51,061	-84%	⬇️
Total Energy (ekWh)	5,077,559	5,534,303	5,480,029	5,343,062	4,953,765	4,825,614	4,602,813	5,041,431	4,310,756	4,124,421	186,335	-4%	⬇️	1,682,610	-29%	⬇️
Energy Intensity (ekWh/SF)	18	20	20	19	18	17	16	18	15	15	-	0%	=	6	-29%	⬇️
CO2 (Metric Tonnes)	2,566	2,591	2,491	2,425	2,303	2,146	2,075	2,074	1,784	1,674	110	-6%	⬇️	1,139	-40%	⬇️
Water Use (m3)	8,158	9,088	9,821	7,718	7,790	7,553	7,231	9,255	8,834	4,149	4,685	-53%	⬇️	6,905	-62%	⬇️
Waste Diversion Rate (%)	58%	-	67%	68%	85%	58%	81%	71%	84%	73%	-11%	⬇️		-	-	
Paper Consumption (# of Pages)	-	-	-	-	-	-	2,486,798	2,206,755	1,387,136	383,761	-1,003,375	⬇️		-	-	
Double-Sided Printing (%)	-	-	-	-	-	-	15%	16%	17%	15%	-2%	⬇️		-	-	
BOMABEST (%)	86%	-	-	-	90%	-	-	90%	-	-	-	-		-	-	
FCI (%)	-	-	-	12%	7%	4%	7%	7%	5%	4%	-1%	⬇️		-	-	
Space Utilization (%)	-	-	-	-	-	56%	63%	61%	61%	*	-	-		-	-	

*Due to campus shut-downs from COVID-19, Space Utilization could not be calculated this year.

⬆️ Positive Change ⬇️ Negative Change = Neutral Change

Ivany Campus

	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Change from last year			Change since 2008/09		
Peak Demand (kW)	1382.4 Sep-11	1221.6 Aug-13	1351.2 Sep-13	2282.4 May-15	1184.4 Sep-15	1184.4 Sep-16	1078.8 Sep-17	1152 Sep-18	1102.8 Sep-19	811.2 Feb-21	-			-		
Electricity (kWh)	4,866,912	4,716,000	4,684,167	4,929,399	4,728,969	4,500,243	4,323,393	4,626,375	3,788,127	3,482,766	305,361	-8%	↓	879,175	-20%	↓
Steam (ekWh)	2,151,068	2,579,229	2,650,814	1,982,374	1,456,780	1,638,028	1,368,845	1,298,080	1,391,651	1,419,240	(27,589)	-2%	↓	467,955	-25%	↓
Propane (ekWh)	-	-	-	-	-	-	-	658	1,317	1,570	253	+16%	↑	1,570	+100%	↑
Total Energy (ekWh)	7,017,980	7,295,229	7,334,981	6,911,773	6,185,749	6,138,271	5,692,238	5,925,113	5,181,095	4,903,576	277,519	-5%	↓	1,345,560	-22%	↓
Energy Intensity (ekWh/SF)	28	29	29	28	26	25	24	25	21	20	1	-7%	↓	8	-28%	↓
CO2 (Metric Tonnes)	4,693	4,595	4,403	4,201	3,914	3,650	3,398	3,457	2,985	2,735	250	-8%	↓	1,664	-38%	↓
Water Use (m3)	24,249	25,140	25,496	25,977	25,915	19,574	19,698	9,614	7,917	5,254	2,663	-34%	↓	18,746	-78%	↓
Waste Diversion Rate (%)	76%	-	52%	52%	53%	43%	38%	54%	76%	19%	-57%	↓		-	-	
Paper Consumption (# of Pages)	-	-	-	-	-	-	3,292,469	2,984,300	2,279,382	604,334	-1,675,048	↓		-	-	
Double-Sided Printing (%)	-	-	-	-	-	-	19%	20%	21%	18%	-3%	↓		-	-	
BOMABEST (%)	93%	-	-	-	92%	-	-	92%	-	-	-	-		-	-	
FCI (%)	-	-	-	1%	2%	1%	2%	2%	8%	5%	-3%	↓		-	-	
Space Utilization (%)	-	-	-	-	-	69%	72%	70%	68%	*	-	-		-	-	

*Due to campus shut-downs from COVID-19, Space Utilization could not be calculated this year.

■ Positive Change
 ■ Negative Change
 ■ Neutral Change

Kingstec Campus

	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Change from last year			Change since 2008/09		
Peak Demand (kW)	470.4 Sep-11	440.4 Jan-13	477.6 Oct-13	461.4 Oct-14	447.6 Sep-15	450 Oct-16	461.4 Oct-17	448.8 Sep-18	416.4 Nov-19	376.8 Sep-20	-			-		
Electricity (kWh)	1,253,016	1,276,260	1,271,262	1,375,848	1,347,126	1,306,176	1,348,014	1,296,318	1,180,487	1,077,419	103,068	-9%	⬆️	483,732	-31%	⬆️
Fuel Oil (ekWh)	2,137,895	2,281,279	2,552,054	2,364,012	2,992,188	3,120,282	3,089,016	3,309,943	2,984,855	2,594,212	390,643	-13%	⬆️	212,485	-8%	⬆️
Propane (ekWh)	397,538	368,975	443,168	452,507	641,191	624,853	592,206	603,993	524,918	410,426	114,492	-22%	⬆️	78,706	-16%	⬆️
Total Energy (ekWh)	3,788,449	3,926,514	4,266,484	4,192,366	4,980,505	5,051,312	5,029,236	5,210,254	4,690,260	4,082,057	608,203	-13%	⬆️	774,923	-16%	⬆️
Energy Intensity (ekWh/SF)	21	21	23	23	27	27	27	28	25	22	3	-13%	⬆️	5	-18%	⬆️
CO2 (Metric Tonnes)	1,612	1,619	1,646	1,646	1,847	1,796	1,801	1,811	1,619	1,433	186	-11%	⬆️	688	-32%	⬆️
Water Use (m3)	6,637	5,523	5,107	4,878	4,577	4,070	3,608	4,067	4,314	3,653	661	-15%	⬆️	7,053	-66%	⬆️
Waste Diversion Rate (%)	85%	-	61%	91%	76%	79%	62%	68%	70%	83%	+13%	⬆️		-	-	
Paper Consumption (# of Pages)	-	-	-	-	-	-	1,136,031	887,157	645,578	222,042	-423,536	⬆️		-	-	
Double-Sided Printing (%)	-	-	-	-	-	-	16%	19%	19%	18%	-1%	⬇️		-	-	
BOMABEST (%)	80%	-	-	-	82%	-	-	84%	-	-	-	-		-	-	
FCI (%)	-	-	-	5%	5%	4%	4%	17%	19%	10%	-9%	⬆️		-	-	
Space Utilization (%)	-	-	-	-	-	56%	52%	53%	51%	*	-	-		-	-	

*Due to campus shut-downs from COVID-19, Space Utilization could not be calculated this year.

⬆️ Positive Change ⬇️ Negative Change ⬆️ Neutral Change

Lunenburg Campus

	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Change from last year			Change since 2008/09		
Peak Demand (kW)	417 Jan-12	430.2 Feb-13	433.8 Feb-14	411.6 Jan-15	454.2 Jan-16	377.4 Feb-17	396.6 Jan-18	463.2 Feb-19	385.2 Jan-20	397.2 Oct-20	-			-		
Electricity (kWh)	1,109,616	1,057,374	1,013,502	975,732	953,436	869,994	896,034	1,143,090	944,124	1,017,311	73,187	+7%	⬆️	241,489	-19%	⬆️
Fuel Oil (ekWh)	1,535,835	1,336,918	1,738,696	1,886,640	1,913,418	1,512,807	-	-	-	-	-	0%	=	2,069,529	-100%	⬆️
Propane (ekWh)	143,611	63,694	-	-	3,361	171,667	1,154,584	1,333,779	1,286,973	1,282,667	4,306	0%	⬆️	1,282,667	+100%	⬆️
Total Energy (ekWh)	2,789,062	2,457,986	2,752,198	2,862,372	2,870,215	2,554,467	2,050,618	2,476,869	2,231,098	2,299,978	(68,880)	-3%	⬆️	1,028,352	-31%	⬆️
Energy Intensity (ekWh/SF)	17	14	16	17	17	15	11	14	13	13	(0)	-2%	⬆️	5	-28%	⬆️
CO2 (Metric Tonnes)	1,292	1,148	1,161	1,153	1,159	1,000	841	1,015	879	911	32	+3%	⬆️	664	-42%	⬆️
Water Use (m3)	5,317	5,387	4,541	3,861	4,176	4,855	4,776	6,658	4,403	5,002	599	+12%	⬆️	2,872	-36%	⬆️
Waste Diversion Rate (%)	74%	-	86%	82%	90%	90%	78%	78%	89%	92%	+3%	⬆️		-	-	
Paper Consumption (# of Pages)	-	-	-	-	-	-	563,250	510,990	350,346	122,067	-228,280	⬆️		-	-	
Double-Sided Printing (%)	-	-	-	-	-	-	13%	16%	18%	11%	-7%	⬆️		-	-	
BOMABEST (%)	82%	-	-	-	81%	-	-	80%	-	-	-	-		-	-	
FCI (%)	-	-	-	26%	21%	22%	12%	12%	13%	13%	-	=		-	-	
Space Utilization (%)	-	-	-	-	-	35%	37%	38%	34%	*	-	-		-	-	

*Due to campus shut-downs from COVID-19, Space Utilization could not be calculated this year.

⬆️ Positive Change ⬆️ Negative Change ⬆️ Neutral Change

Marconi Campus

	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Change from last year			Change since 2008/09		
Peak Demand (kW)	835.9 Jan-12	987 Jan-13	893.4 Nov-13	873.2 Feb-15	723.4 Apr-16	821.9 Feb-17	843.6 Jan-18	832.3 Feb-19	838.8 Mar-20	649.8 Jan-21	-			-		
Electricity (kWh)	2,412,990	2,547,324	2,598,490	2,532,516	2,478,276	2,728,922	2,725,434	2,775,802	2,496,668	2,292,438	204,230	-8%	↓	338,203	-13%	↓
Fuel Oil (ekWh)	1,504,600	1,291,630	1,484,416	1,543,453	1,681,391	1,879,068	1,544,508	1,999,324	1,868,501	1,827,933	40,568	-2%	↓	510,376	+28%	↑
Propane (ekWh)	-	-	-	-	13,081	72,595	70,503	59,042	56,068	28,940	27,128	-48%	↓	28,940	+100%	↑
Total Energy (ekWh)	3,917,590	3,838,954	4,082,906	4,075,969	4,172,748	4,680,585	4,340,445	4,834,167	4,421,236	4,149,311	271,926	-6%	↓	201,113	+5%	↑
Energy Intensity (ekWh/SF)	21	20	21	21	21	23	22	22	18	17	1	-6%	↓	4	-19%	↓
CO2 (Metric Tonnes)	2,272	2,237	2,215	2,133	2,170	2,301	2,197	2,278	2,167	1,920	247	-11%	↓	600	-24%	↓
Water Use (m3)	8,129	3,921	2,086	4,243	5,704	5,176	4,452	4,877	4,849	3,139	1,710	-35%	↓	9,245	-75%	↓
Waste Diversion Rate (%)	52%	-	42%	57%	63%	71%	67%	68%	83%	55%	-28%	↓		-	-	
Paper Consumption (# of Pages)	-	-	-	-	-	-	1,244,446	1,212,498	831,283	269,673	- 561,610	↓		-	-	
Double-Sided Printing (%)	-	-	-	-	-	-	13%	16%	18%	15%	-3%	↓		-	-	
BOMABEST (%)	85%	-	-	-	83%	-	-	81%	-	-	-	-		-	-	
FCI (%)	-	-	-	14%	14%	12%	19%	19%	26%	26%	-	=		-	-	
Space Utilization (%)	-	-	-	-	-	56%	55%	51%	50%	*	-	-		-	-	

*Due to campus shut-downs from COVID-19, Space Utilization could not be calculated this year.

■ Positive Change
 ■ Negative Change
 ■ Neutral Change

Pictou Campus

	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Change from last year			Change since 2008/09		
Peak Demand (kW)	536.4 Mar-12	510 Jan-13	540 Feb-14	526.8 Jan-15	564 Sep-15	531.6 Feb-17	633 Dec-17	554.9 Oct-18	416 Feb-20	402 Sep-20	-			-		
Electricity (kWh)	1,478,032	1,444,346	1,325,805	1,347,198	1,399,293	1,251,154	2,212,788	1,638,522	1,334,178	1,631,442	297,264	+18%	⬆️	27,198	-2%	⬆️
Natural Gas (ekWh)	-	-	-	-	-	2,302,459	2,260,859	2,972,847	2,209,728	2,551,868	342,140	+13%	⬆️	2,551,868	+100%	⬆️
Propane (ekWh)	-	-	-	-	-	-	-	-	14,422	3,621	10,801	-75%	⬆️	3,621	+100%	⬆️
Fuel Oil (ekWh)	2,327,089	2,617,875	2,608,779	2,575,201	1,813,835	-	-	-	-	-	-	0%	⬆️	3,565,086	-100%	⬆️
Total Energy (ekWh)	3,805,121	4,062,221	3,934,584	3,922,399	3,213,128	3,553,613	4,473,647	4,611,369	3,558,328	4,186,931	628,603	+15%	⬆️	1,036,795	-21%	⬆️
Energy Intensity (ekWh/SF)	30	29	27	27	29	26	45	33	27	33	6	+18%	⬆️	1	-2%	⬆️
CO2 (Metric Tonnes)	1,753	1,754	1,606	1,586	1,446	1,240	1,856	1,568	1,242	1,483	241	+16%	⬆️	806	-35%	⬆️
Water Use (m3)	2,908	5,608	7,056	3,345	3,839	3,915	3,621	3,823	4,117	15,068	10,951	+73%	⬆️	8,688	+58%	⬆️
Waste Diversion Rate (%)	63%	-	46%	77%	71%	85%	92%	93%	96%	44%	-52%	⬆️		-	-	
Paper Consumption (# of Pages)	-	-	-	-	-	-	868,777	738,048	487,948	150,507	- 337,441	⬆️		-	-	
Double-Sided Printing (%)	-	-	-	-	-	-	11%	14%	16%	15%	-1%	⬆️		-	-	
BOMABEST (%)	80%	-	-	-	79%	-	-	80%	-	-	-	-		-	-	
FCI (%)	-	-	-	6%	5%	6%	6%	6%	7%	6%	-1%	⬆️		-	-	
Space Utilization (%)	-	-	-	-	-	59%	53%	53%	48%	*	-	-		-	-	

*Due to campus shut-downs from COVID-19, Space Utilization could not be calculated this year.

⬆️ Positive Change ⬆️ Negative Change ⬆️ Neutral Change

School of Fisheries, Pictou County

	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Change from last year			Change since 2008/09		
Peak Demand (kW)	34.4 Jan-12	37.4 Aug-13	38 Sep-13	33.8 Jan-15	33.4 Mar-16	32.2 Mar-17	33.5 Jan-18	32.2 Jan-19	31.9 Nov-19	25.6 Dec-20	-			-		
Electricity (kWh)	300,979	299,865	297,927	299,037	274,540	291,401	291,047	270,380	206,171	183,667	22,504	-11%	↓	136,087	-43%	↓
Fuel Oil (ekWh)	533,917	547,028	958,695	1,425,057	1,070,029	1,518,057	1,470,446	1,297,001	867,667	962,437	94,770	+10%	↑	(86,881)	-10%	↓
Total Energy (ekWh)	834,896	846,893	1,256,622	1,724,094	1,344,569	1,809,458	1,761,493	1,567,381	1,073,838	1,146,104	72,266	+7%	↑	49,207	-4%	↓
Energy Intensity (ekWh/SF)	19	19	29	40	31	41	40	36	25	26	2	+7%	↑	1	-4%	↓
CO2 (Metric Tonnes)	372	364	456	570	467	582	568	503	352	361	9	+2%	↑	128	-26%	↓
Water Use (m3)	60	106	115	139	121	614	342	189	82	139	57	+41%	↑	363	-72%	↓
FCI (%)	-	-	-	14%	13%	16%	-	-	21%	24%	+3%	↑		-	-	

■ Positive Change
 ■ Negative Change
 ■ Neutral Change

Shelburne Campus

	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Change from last year			Change since 2008/09		
Peak Demand (kW)	104.8 Nov-11	84 Sep-12	106.1 Sep-13	106.1 Sep-14	103.7 Feb-16	101.1 Jan-17	107.7 Jan-18	119.55 Jan-19	104.6 Nov-19	74.2 Apr-21	-			-		
Electricity (kWh)	219,539	213,392	256,413	288,903	257,869	217,399	226,150	234,630	219,242	204,997	14,245	-6%	↓	289,726	-59%	↓
Propane (ekWh)	-	-	-	-	-	-	-	-	-	457,331	457,331	+100%	↑	457,331	+100%	↑
Wood (ekWh)	-	-	-	-	-	-	-	-	-	125,450	125,450	+100%	↑	125,450	+100%	↑
Fuel Oil (ekWh)	302,351	390,232	619,616	442,027	468,906	371,189	426,567	543,803	422,009	-	422,009	-100%	↓	532,112	-100%	↓
Total Energy (ekWh)	521,890	603,624	876,029	730,930	726,775	588,588	652,717	778,433	641,251	787,778	146,527	+19%	↑	239,057	-23%	↓
Energy Intensity (ekWh/SF)	7	9	14	11	11	9	10	12	10	13	3	+25%	↑	1	-4%	↓
CO2 (Metric Tonnes)	249	260	340	312	301	239	258	288	248	225	23	-10%	↓	322	-59%	↓
Water Use (m3)	700	725	576	726	830	590	1,660	1,405	1,155	1,099	56	-5%	↓	576	+52%	↑
Waste Diversion Rate (%)	76%	-	80%	89%	89%	93%	65%	92%	89%	79%	-1%	↓		-	-	
Paper Consumption (# of Pages)	-	-	-	-	-	-	154,348	122,140	104,974	52,376	-52,599	↓		-	-	
Double-Sided Printing (%)	-	-	-	-	-	-	14%	19%	17%	17%	0%	=		-	-	
BOMABEST (%)	83%	-	-	-	85%	-	-	77%	-	-	-	-		-	-	
FCI (%)	-	-	-	39%	23%	23%	20%	21%	28%	24%	-4%	↓		-	-	
Space Utilization (%)	-	-	-	-	-	30%	31%	32%	26%	*	-	-		-	-	

*Due to campus shut-downs from COVID-19, Space Utilization could not be calculated this year.

■ Positive Change
 ■ Negative Change
 ■ Neutral Change

Strait Area Campus

	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Change from last year			Change since 2008/09		
Peak Demand (kW)	680.8 Mar-12	563.7 Jan-13	532 Nov-13	537.3 Apr-15	518.4 Feb-16	501.9 Oct-16	487.8 Mar-18	472.7 Feb-19	431.5 Oct-19	386.6 Jun-21	-			-		
Electricity (kWh)	1,896,756	1,843,594	1,443,064	1,442,020	1,519,611	1,479,537	1,432,136	1,392,342	1,142,150	1,343,652	201,502	+15%	⬆️	904,905	-40%	⬆️
Propane (ekWh)	47,259	73,092	69,355	94,493	39,817	83,709	1,002,555	3,102,191	2,449,331	2,520,045	70,714	+3%	⬆️	2,437,331	+97%	⬆️
Fuel Oil (ekWh)	2,307,901	2,628,026	3,015,142	2,774,139	2,776,701	2,745,901	1,893,380	239,564	144,177	65,376	78,801	-55%	⬆️	2,906,987	-98%	⬆️
Total Energy (ekWh)	4,251,916	4,544,712	4,527,561	4,310,652	4,336,129	4,309,147	4,328,070	4,734,097	3,735,658	3,929,073	193,415	+5%	⬆️	1,374,562	-26%	⬆️
Energy Intensity (ekWh/SF)	21	22	23	22	22	22	22	24	19	20	1	+4%	⬆️	6	-24%	⬆️
CO2 (Metric Tonnes)	2,085	2,070	1,808	1,722	1,786	1,701	1,635	1,590	1,177	1,393	216	+15%	⬆️	1,234	-47%	⬆️
Water Use (m3)	2,301	4,359	2,614	3,142	2,783	3,332	4,018	2,746	3,505	1,992	1,513	-43%	⬆️	1,483	-43%	⬆️
Waste Diversion Rate (%)	74%	-	54%	26%	73%	71%	94%	78%	82%	55%	-27%	⬆️		-	-	
Paper Consumption (# of Pages)	-	-	-	-	-	-	835,026	723,517	558,608	220,309	-338,299	⬆️		-	-	
Double-Sided Printing (%)	-	-	-	-	-	-	15%	16%	19%	19%	0%	=		-	-	
BOMABEST (%)	82%	-	-	-	83%	-	-	80%	-	-	-	-		-	-	
FCI (%)	-	-	-	15%	13%	14%	12%	13%	15%	6%	-9%	⬆️		-	-	
Space Utilization (%)	-	-	-	-	-	48%	49%	47%	44%	*	-	-		-	-	

*Due to campus shut-downs from COVID-19, Space Utilization could not be calculated this year.

⬆️ Positive Change ⬆️ Negative Change ⬆️ Neutral Change

Truro Campus

	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Change from last year			Change since 2008/09		
Peak Demand (kW)	512.8 Sep-11	533.6 Sep-12	Sep-13 Sep-13	424.8 Sep-14	424 Sep-15	450.4 Sep-16	352 Aug-18	331.6 Aug-19	310.4 Jan-20	217.2 Mar-21	-			-		
Electricity (kWh)	2,169,918	1,875,853	1,551,493	1,514,599	1,540,919	1,409,778	1,423,001	1,357,815	1,076,424	939,393	137,031	-13%	⬆️	1,400,442	-60%	⬆️
Fuel Oil (ekWh)	4,614,320	4,721,807	4,450,547	4,260,232	3,676,986	4,016,191	3,810,505	4,429,423	1,714,221	2,450,975	736,754	+30%	⬆️	2,813,002	-53%	⬆️
Propane (ekWh)	63,387	23,659	98,186	70,816	94,220	123,257	127,764	144,960	1,643,184	320,510	1,322,674	-80%	⬆️	220,684	+69%	⬆️
Wood (ekWh)	-	-	-	-	-	-	-	-	513,100	373,800	139,300	-27%	⬆️	373,800	+100%	⬆️
Total Energy (ekWh)	6,847,625	6,621,318	6,100,226	5,845,647	5,312,125	5,549,227	5,361,270	5,932,198	4,946,929	4,084,678	862,251	-17%	⬆️	3,618,960	-47%	⬆️
Energy Intensity (ekWh/SF)	24	24	22	21	19	20	19	22	18	15	3	-18%	⬆️	15	-51%	⬆️
CO2 (Metric Tonnes)	2,895	2,622	2,260	2,149	2,044	1,990	1,939	2,026	1,646	1,419	227	1-4%	⬆️	1,891	-57%	⬆️
Water Use (m3)	4,350	19,400	7,300	13,570	11,500	11,000	11,700	10,700	9,300	6,025	3,275	-35%	⬆️	9,297	-61%	⬆️
Waste Diversion Rate (%)	69%	-	75%	60%	43%	51%	45%	41%	83%	39%	-44%	⬆️		-	-	
Paper Consumption (# of Pages)	-	-	-	-	-	-	548,019	495,443	333,436	61,147	-272,289	⬆️		-	-	
Double-Sided Printing (%)	-	-	-	-	-	-	12%	13%	17%	11%	-6%	⬆️		-	-	
BOMABEST (%)	75%	-	-	-	78%	-	-	84%	-	-	-	-		-	-	
FCI (%)	-	-	-	11%	11%	11%	12%	19%	26%	13%	-13%	⬆️		-	-	
Space Utilization (%)	-	-	-	-	-	47%	52%	53%	49%	*	-	-		-	-	

*Due to campus shut-downs from COVID-19, Space Utilization could not be calculated this year.

⬆️ Positive Change ⬆️ Negative Change ⬆️ Neutral Change

