

GROVES MEMORIAL COMMUNITY HOSPITAL & NORTH WELLINGTON HEALTH CARE

2021 ENERGY CONSERVATION AND DEMAND MANAGEMENT PLAN



ABOUT WELLINGTON HEALTH CARE ALLIANCE

The Wellington Health Care Alliance (WHCA) is comprised of three, rural, acute care hospitals: Groves Memorial Community Hospital in Fergus and North Wellington Health Care (NWHC), with hospital sites in Mount Forest (Louise Marshall Hospital) and Palmerston (Palmerston and District Hospital). Each hospital provides a comprehensive range of surgical, inpatient and outpatient services, including 24/7 emergency and obstetrical care. WHCA is an administrative alliance that was formed to provide a strong, consistent voice for rural health care. We value the strength we have with our health care partners across the Waterloo-Wellington region.

OUR VISION

Your Health Matters.

OUR MISSION

Together, advancing exceptional care and wellness

OUR VALUES

We are compassionate, respectful, innovative, professional and collaborative.

Louise Marshall Hospital & Palmerston and District Hospital



Both the Louise Marshall Hospital (LMH) and the Palmerston and District Hospital (PDH) are community hospitals operating 15 inpatient beds. Located in the Town of Mount Forest and the Town of Palmerston, respectively, the fully accredited hospitals offer a range of services including 24-hour emergency services, inpatient and outpatient care, specialist clinics and supportive diagnostic services.

Groves Memorial Community Hospital



The new Groves Memorial Community Hospital (GMCH), located in Fergus, operates 44 inpatient beds serving the health care needs of the communities of Wellington County.

OVERVIEW OF 2021 CDM PLAN

First completed in 2014, WHCA's Conservation and Demand Management (CDM) plan, is a way of making a commitment to our community, patients and staff to work towards improving the hospital from an efficiency standpoint. We will allocate the necessary resources to develop and implement our plan to reduce our energy consumption and its related environmental impact.

Moving forward, WHCA will be renewing our goals originally set in 2014. These goals focus not only on the environmental benefits of CDM measures, but also the additional improvements that the hospital sees with such initiatives.

1. Maximize fiscal resources and avoid cost increases through direct and indirect energy savings.
2. Reduce the environmental impact of the facilities' operation.
3. Increase the comfort and safety of staff, patients and visitors of the facilities.
4. To create a culture of conservation within facilities.
5. To improve the reliability of the facilities' equipment and reduce maintenance.

Over the next five years, WHCA will incorporate energy efficiency into all areas of our activity including procurement practices, investment decisions, and facility operations and maintenance. Active management of energy and related costs will provide a significant economic return to the organization and will support other key organizational objectives.

2021 CDM Highlights

The new Groves Hospital has achieved LEED Silver certified.

- LEED, or Leadership in Energy and Environmental Design, is a green building rating system that provides a framework to create healthy, highly efficient and cost-saving green buildings.
- Buildings earn points based on categories such as Sustainable Sites, Water Efficiency, Energy & Atmosphere, Materials & Resources, Innovation and more, with Silver level requiring 50-59 points.

In addition to our new hospital location, WHCA has completed the expansion of our emergency room and ambulatory care at Louise Marshall Hospital. The new addition to the hospital has introduced energy efficient measures being implemented including:

- All interior and exterior lighting in the new and renovated areas impacted by the expansion will be LED.
- Variable speed drives and pumps will be installed as part of the project, but areas not affected by the construction may not be upgraded until funding becomes available.
- Energy efficient boilers and chillers will be installed as part of an overall boiler plant project tender recently closed. This includes replacing the boilers and the water heaters.

ENERGY CONSUMPTION 2021

As part of Ontario Regulation 507/18 under the Electricity Act, 1998, WHCA publishes and makes available our annual energy consumption and resulting greenhouse gas (GHG) production. Each hospital is reported separately as seen in the table below.

WHCA Energy Consumption 2021

Hospital	Commodity	Annual Volume (m3 or kWh)
Groves Memorial	Natrual Gas	638,894
Louise Marshall	Natrual Gas	186,778
Palmerston District	Natrual Gas	187,520
Groves Memorial	Power	5,212,999
Louise Marshall	Power	1,259,760
Palmerston District	Power	861,325

