

**LAKELAND VILLAGE | PHASES I & II | MEDICAL LAKE, WASHINGTON**



Lakeland Village in Medical Lake, Washington, a state operated facility, provides housing training, education and healthcare for individuals with developmental disabilities. The facility provides a safe and progressive place for these individuals to live and engage in activities that prove to be stimulating and allow them to live as normally as possible with private home like facilities that include working kitchens.

With a goal to improve the health and comfort of the residents by replacing much of Lakeland Village's infrastructure—which was beyond repair—Apollo Solutions Group was able to address many of the equipment and systems in a phased approach that fit Lakeland Village's financial requirements through an Energy Services Performance Contract.

Phase I included replacing ventilation systems with pneumatic controls to an energy-efficient, digitally controlled VAV system. To further improve living conditions keeping efficiency and environmental impact in mind, kitchens were converted to gas, an ozone free laundry was installed. During Phase II, a Central Chilled Water Plant was put in operation.

The facility is now certified for 60 Nursing Facility beds and 190 Intermediate Care Facility beds for Individuals with Intellectual Disabilities (ICF/ID) beds.

**Phase I Highlights**

- \$2.025M project value
- 14.1% reduction in annual utility costs
- \$53,186 in AVISTA Utilities incentives
- Kitchen equipment—electric to gas cooking equipment retrofit
- Ozone laundry system
- Interior and exterior lighting upgrades
- Convert of 5 constant volume ventilation systems to VAV Systems in HAB and PAT Buildings
- Convert pneumatic controls to digital controls.

**Phase II Highlights**

- \$2.2M project value
- 5.5% reduction of annual energy and water costs
- Utilization of \$11,455 in utility incentives from Avista Utilities for the Phase II projects
- Central Chilled Water Plant upgrade and retrofit
- Electric to gas cooking equipment retrofit
- Kitchen hood exhaust controls
- Dealkalyzer chemical for the Central Steam Plant

## More solutions for Lakeland Village



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Apollo Solutions Group enhances your organization's financial, social and environmental performance.

#### About Apollo Solutions Group

We solve complex infrastructure problems with individualized solutions that lower operating costs, free up program constraints and deliver guaranteed financial results for healthcare organizations, governments and schools across the country.

#### Our Solutions and Services

- Energy Savings Performance Contracting
- Investment Grade Audits
- Remote Monitoring and Building Operation
- BMS System Maintenance and Optimization
- Predictive and Proactive Maintenance
- Financially Guaranteed Savings

#### What Makes Us Different

Apollo Solutions Group operates on the principles of *people, partnerships and performance*. Our employees are highly skilled professionals with years of technical experience and a commitment to building mutually beneficial relationships. In turn, our customers get the confidence and peace of mind that comes from working with a trusted partner who delivers guaranteed results.

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