



Port Moody, Canada

CASE STUDY

PACIFIC COAST TERMINALS

CHALLENGE

Pacific Coast Terminal, a major bulk shipping terminal, sought an energy-efficient lighting solution to reduce operational costs, improve lighting quality, and enhance workplace safety. Their existing lighting system was outdated, consuming excessive energy and requiring frequent maintenance, leading to high expenses and operational inefficiencies.

PROJECT SUMMARY

- Annual Energy Savings: 81% reduction
- Average Monthly Savings: \$1,853
- Cumulative Savings Over 7 Years: \$74,000
- Zero Upfront Cost Program Implementation

This transformation highlights Radiance Energy's commitment to providing cost-effective, energy-efficient solutions that drive long-term value for industrial facilities.

SOLUTION

In 2018, Radiance Energy conducted a thorough energy audit and implemented an advanced LED lighting upgrade tailored to Pacific Coast Terminal's operational needs. The solution included:

- LED Technology Upgrade: Replacing traditional fixtures with energy-efficient LED lighting.
- Cost Savings: Achieving 81% reduction in energy costs.
- Sustainability: Saving 74,000 kWh annually.
- Zero Upfront Cost Program: Allowing immediate savings with no initial capital investment.
- Long-Term Reliability: Seven-year program covering service, maintenance, and diagnostics.
- Improved Work Environment: Brighter, safer, and more efficient lighting throughout the facility.

