



November 30, 2023

## AIL Sound Walls generator enclosure absorbs unwanted noise from ATCO facility in Alberta

This generator enclosure for ATCO in Stettler, AB, was another project where a Value Engineering Proposal from AIL Sound Walls swayed the project partners away from an originally specified spec wall in favour of our lightweight PVC sound barrier wall system. This time, the original spec had been for a steel wall.



### Project at a glance:

**Project:** Energy Station

**Location:** Stettler, AB

**Owner:** ATCO

**Engineer:** AIL Sound Walls

**Contractor:** Firefly Power and Energy

**Product:** Silent Protector (Absorptive)

**Sector:** Energy & Mining

**Application:** Generator Enclosure

**Dimensions:** 5 m tall x 73.5 m long

**Installation Time:** Ongoing

Value engineering is a systematic, organized approach to providing necessary functions in a project on a faster schedule and at the lowest cost. It promotes the substitution of materials and methods with less expensive alternatives without sacrificing functionality, performance or safety. Learn more by reviewing some of our Value Engineering Case Studies.

### **Energy projects are a growing sector specialty for AIL Sound Walls**

Open communication between the AIL Sound Walls Engineering team, ATCO and the contractor, Firefly, helped ensure a positive outcome. The Firefly team commented favorably on our system's ease of installation and post-project feedback from an ATCO site representative mentioned neighbors' favorable comments on how effective the wall is in mitigating the noise.

Energy projects are a growing sector specialty for AIL Sound Walls. We recently designed and supplied a series of nine inverter enclosures for Jenner Solar near Brooks, Alberta. Another interesting project in renewables was a large equipment enclosure at the Southwest Water Reclamation Facility Biosolids Waste to Energy Project in St. Petersburg, Florida. And, when the Metropolitan Atlanta Rapid Transit Authority was replacing its old diesel fleet with new compressed natural gas (CNG) buses, we provided a noise barrier wall solution for a reconfigured CNG refueling station in Atlanta.

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