



SYSTEM

- 18x AES 42-48-6650 (120 kWh)
- 6x SMA Sunny Island Inverter Charger

APPLICATION

Diesel abatement – remote public school

REQUIREMENT

Reduce diesel consumption, power for school, wood shop, three mobile homes, and a health unit.



PARALLEL
POWER



FAST
CHARGING



SURGE
POWER

OVERVIEW

Discover AES LiFePO₄ 42-48-6650

School District 27 and Naghtaneqed Elem-Jr Secondary were looking to reduce their ~\$78,000 CAD annual diesel fuel bill to provide power to a remote school and out-buildings. To reduce off-season diesel consumption, Hakai Energy Solutions reconfigured the school's system, adding a containerized 3PH hybrid solar system supported by eighteen AES batteries in parallel. Taking advantage of SURGE POWER, FAST CHARGING, and PARALLEL POWER technology, the School District estimates saving \$50,000 CAD a year in diesel costs.

