



NET-ZERO
ENERGY
BUILDING



ONONDAGA NATION FIRE DEPARTMENT

Onondaga Territory

The IPD team designed this net-zero energy building with 100% emergency power back-up. The newly completed fire station and community hall features geothermal heat pumps, radiant floors, solar power and energy recovery ventilation. IPD Engineering also designed all sprinklers, fire alarms, plumbing, telecommunications and security systems.

CLIENT
Onondaga Nation

COST
\$3 M

COMPLETION
2015

KEY PROJECT ELEMENTS

- HVAC
- Plumbing
- Electric
- Telecommunications
- Security
- Sprinklers
- Fire Alarm
- Key Features: Geothermal heat pumps, radiant floors, solar power, emergency generator, energy recovery ventilation