



State House Switchgear and Generator

115 State Street, Montpelier, Vermont



Project Estimate: \$427,488.25

Design: 2018

Permitting: 2018

Final Design: 2018

Bid Advertisement: Fall 2018

Contract Award: Winter 2018

Construction Start: Summer 2019

Estimated Completion: Fall 2019

For More Information:

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This project will replace the existing obsolete 1970 switchgear that provides the electric service into the building for the following reasons:

- Many replacement parts are no longer available.
- The “bending space” for wires within the switchgear no longer meets current electrical code.
- Public Safety has previously informed us that any project that interacts with the switchgear will require replacing the switchgear.

The existing emergency generator in the State House was installed in 1970 to provide emergency power for the egress lighting, exit lights, fire alarm. As well as some back-up power for heating pumps, controls and computer equipment. This generator is well past it’s useful life and parts are becoming very difficult to find, it needs to be replaced.

This project will also replace the 1970’s vintage 35Kw emergency generator with a new 45Kw generator. The new generator will be installed outdoors instead of in place of the existing generator which will allow the new generator installation to take place while the existing generator continues to provide back-up power until the new one is ready to go on line. It will also be an easier installation, because the generator will not have to be rigged down the stairs and into the tunnel, and this should also reduce the noise level in the rooms above the generator when it is operating.

