

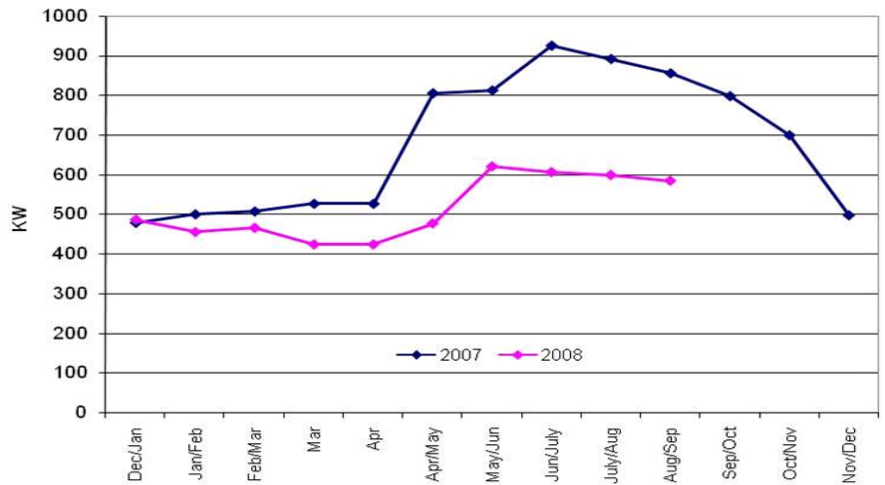
299 Old Niskayuna Road Lighting and HVAC Retrofit



Novus Engineering was selected to complete a lighting and HVAC retrofit project at 299 Old Niskayuna Road, which is occupied by the New York State Department of Taxation and Finance. The building contains about 100,000 square feet of offices, 80,000 square feet of warehouse space used to house tax records, and 20,000 square feet of training rooms.

Novus prepared building energy models and energy efficient designs for replacement of both mechanical and warehouse lighting systems to minimize future energy consumption and maximize incentives available under NYSERDA programs. The project received \$87,000 in NYSERDA incentives under the Peak Load Reduction program. Lighting modifications included replacing 400-Watt metal halide lighting fixtures with new T5HO fixtures equipped with integral occupancy sensors. For the mechanical system, 34 rooftop units were replaced and downsized, based on modeling results. 650 ton units were able to be replaced with 396 ton units, providing an operating savings as well as an installation savings. The overall total load reduction was approximately 245 kW in peak demand.

**2007 - 2008 Electric Demand Comparison
NYS Department of Taxation and Finance Warehouse
299 Old Niskayuna Road**



(data beyond September 2008 was not available)

Lighting and HVAC Retrofit

**Campito Properties
299 Old Niskayuna Road
Latham, NY**

Completion Date: 2007