



Case Study: Evans Console Strategy Improves NRG Montville's Control Room Appearance, Efficiency and Operator Performance

NRG's Montville Generating Station in Uncasville, CT is a 500 megawatt (MW) peaking plant providing enough power to support over 400,000 homes. The plant's four units include dual-fuel (gas or oil), oil-fueled or diesel-fueled generators and supply power to the Independent System Operator – New England (ISO NE).

However, according to Paul Staehly, Eastern Connecticut Engineer at the Montville Station, their old control room console furniture had become cluttered and looked homemade. "We had a lot of wires dangling and it just didn't look like a nice professional workspace." So Paul asked his colleague at another NRG plant in Connecticut about their recently installed control room console and was referred to *Revco*.



An initial meeting was scheduled at which time a concept based on the operators' needs and requirements was discussed. This allowed Revco to recommend the *Evans Consoles Strategy* system. Detailed drawings of the proposed new control console were quickly prepared and after a couple of minor modifications, the final design was completed. The imaging team at Evans then prepared photo-realistic 3D renderings which allowed Paul and his colleagues to visualize how the final product would look, right down to the selected work surface and panel colors.

"The entire process was very easy. I called *Revco*, they came in, measured, sent the information to *Evans* and after only one or two iterations we were done", explained Paul.



Installation of the Strategy console was scheduled during the April plant shutdown and was completed in half a day.

"Our new Evans Strategy system has definitely improved the way our operators perform their jobs. It's more efficient now because we have all of the screens in front of us. We have a bigger work surface. It is a lot neater with less mess, fewer wires and there is easier access to all of our controls and cameras. Overall, it's a lot better and a lot more efficient", stated Randy Deschenes, Control Operator.

Staehly was impressed with the quality of the Evans furniture and would definitely recommend Evans and Revco to industry colleagues. "Evans is a good product and the whole process from the design to installation was great", concluded Staehly.

