

Newark Liberty International Airport Terminal A Redevelopment

NORESCO leads commissioning on the new one-million-square-foot Terminal A

NEWARK, NJ

PROJECT OVERVIEW

The Port Authority of New York and New Jersey (PANYNJ) replaced the Existing Terminal A with a one-million-square-foot, 33-gate common-use domestic terminal building, with a pedestrian bridge providing direct access from the EWR AirTrain and a public parking facility. NORESCO worked with the Burns Group, the PANYNJ's owner's representative, to provide LEED fundamental and enhanced commissioning of the facility mechanical systems, as well as building enclosure commissioning, to verify the design and implementation during construction, start-up, and turnover.

PROJECT SNAPSHOT

TOTAL PROJECT CONSTRUCTION COST	# OF SYSTEMS COMMISSIONED
$2.7B	25

CERTIFICATION	SERVICES
LEED Gold® LEED® BD+C: New Construction v4	LEED Fundamental & Enhanced Commissioning Building Enclosure Commissioning

PROJECT GOALS

COMMISSION 25 SYSTEMS ACROSS FIVE CATEGORIES

NORESCO commissioned the building management system (BMS), heating, ventilation, and air conditioning (HVAC), plumbing, fire protection, and building enclosure systems. Our scope included systems such as high-temp hot water, glycol recovery loops, jet fans, and jet bridge RTUs.

IDENTIFY COMMISSIONING DEFICIENCIES

NORESCO's commissioning team partnered closely with the Port Authority and project team to identify and track key deficiencies. Together, with support from multiple subcontractors, we resolved thousands of challenges, strengthening the project and its successful performance.

ACHIEVE LEED TARGET

The project exceeded its original LEED Silver® goal and achieved LEED Gold under LEED BD+C: New Construction. NORESCO supported this success as the designated Cx Authority, guiding the LEED documentation and credit process.

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