



E-J POWERS THE RARITAN RIVER BRIDGE

CATENARY, 138KV TRANSMISSION AND TRACTION POWER



E-J Electric plays a key role in the Raritan River Bridge Replacement Project, delivering the full electrical, traction power, and communications scope for this transformative infrastructure upgrade. Our work includes the installation and final delivery of all 138kV transmission and high-voltage hardware, Overhead Catenary System (OCS), rigid conductor rail, aerial feeders, signal power, and return conductors executed across multiple bridge stages with precise outage coordination and system reliability at the forefront.

E-J furnishes and installs complete bridge electrical systems, including the lift span drive motors, MCCs, and SCADA controls, navigation and signal lighting, machinery house power, and walkway illumination, all built to meet the stringent demands of movable bridge operations. The scope encompasses the entire traction and distribution system, from 4160V utility feeds, interlocking lighting, ensuring continuous, dependable service throughout every season. We're also delivering all bridge communications systems, including CCTV, fiber backbone, network terminations, and integration to NJ TRANSIT's Microwave Hut.

E-J continues to lead with comprehensive systems solutions that drive the future of regional rail infrastructure.



46-41 VERNON BLVD., L.I.C., NY 11101

**E-J ELECTRIC
INSTALLATION CO.**

718.786.9400

WWW.EJ1899.COM