

CASE STUDY

Mission Critical/Power Quality

Aviation Lighting and Backup Generator for Abernathy Field

Pulaski, TN

Puckett Engineering provided design and construction administration for new runway lighting, beacon, and emergency generator for the municipal airport in Pulaski, TN. The project included comprehensive replacement and upgrade of airfield lighting for the 5,300-foot runway and its taxiway. Also included threshold elevated quartz lighting, PAPIs, REILs, wind cone, and beacon. Puckett Engineering's electrical design included power distribution, standby generator, current regulators, grounding, lightning protection, lighting control panel, and radio controller. Services also included construction administration services. Civil engineer for the project was PDC Consultants.



PROBLEM OR NEED

Municipal airport needed new reliable lighting for runway and taxiway.

PUCKETT SOLUTIONS

Design for new runway lighting

Also included beacon, PAPIs, REILs, and wind cone

Design for emergency standby generator

Included lightning protection, control panel, and radio controller

Year Completed: 2009
