

TRANSMISSION

IRBY

CONSTRUCTION



A QUANTA SERVICES COMPANY

A POWERFUL REPUTATION.

Irby Construction's transmission experience is as deep as the industry is old. We were the first to construct a 765kV line and we've strung enough conductor line to wrap around the Earth more than five times in the years since. As industry pioneers, we're accustomed to paving the way to what's next. And we're ready to construct a grid powerful enough for the future.



IRBY CONSTRUCTS, INSTALLS, INSPECTS, UPGRADES AND MAINTAINS ELECTRIC POWER INFRASTRUCTURE.

We offer turnkey project delivery and engage in ongoing service contracts with key client partners. The company's transmission scope of services includes every part of a transmission project from moving dirt and building foundations to energizing the lines. Our portfolio of project work includes:

TRANSMISSION PROJECTS

- Any voltage: 69kV through 765kV
- AC or DC

INSTALLATION

- Overhead
- Underground

POLE PLACEMENT, REPLACEMENT AND REMOVAL

- Wood poles
- Steel
- Lattice aluminum
- Concrete

FOUNDATIONS

- Spread
- Pile type
- Concrete pier
- Grillage

CONDUCTOR-STATIC

- Insulators
- Conductor - Install, sag, clip-in
- Dead ends - jumpers
- Temporary anchors
- Spacers - dampers
- Substation spans
- River crossing

ENERGIZED SERVICES

- Barehand
- Hotstick
- LineMaster Robotic Arm
- Energized transmission reconductor



TRUST IRBY TO GET THE JOB DONE IN THE MOST CHALLENGING TERRAINS.

CASE STUDY

PROJECT: Corbett-Sugar Quarry 500kV Transmission Line

CLIENT: NextEra Energy Resources

PROJECT STORY:

NextEra Energy Resources, the parent company of Florida Power and Light, is a wholesale electricity supplier with a portfolio of facilities totaling more than 21,000MW of electric generating capacity in the United States and Canada. NextEra contracted Irby to construct 68.3 miles of 500kV transmission line (single circuit, triple bundled) between Palm Beach and Miami-Dade counties (Corbett and Sugar substations to Quarry substation) in support of a critical tie-in for NextEra's Florida grid. The Irby scope included site survey, clearing, construction of access roads and pads, pier foundations and anchor pile installation, and setting steel structure and deadends with approximately 15 miles of the construction right-of-way transversing protected Everglade canal waterways. In observance of the project's environmental requirements Irby crews adapted novel technical solutions including the use of barges, concrete pump lines, and amphibious equipment.



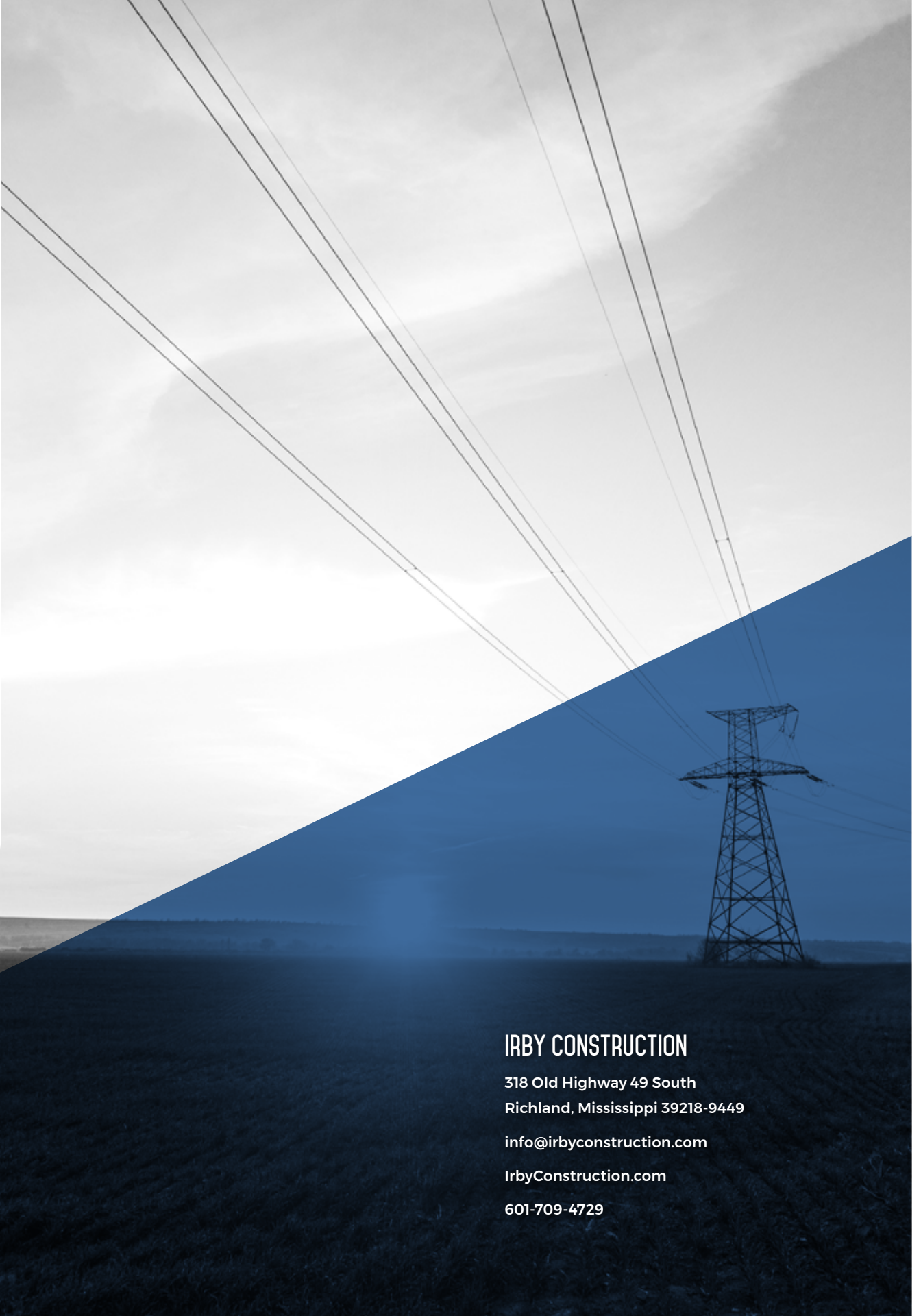
PERFORMANCE IS OUR PROMISE.

At Irby, we're committed to each other and our clients. That means we stand for safety, the environment, meeting project timelines, and delivering within the project budget. The long-term relationships we share with our clients are proof of our ability to deliver on this promise.

TRUST IN OUR TEAM.

Irby's field team is backed by a tenured group of managers, leading the charge from our headquarters in Richland, MS. The expertise found inside the walls of our corporate office is unparalleled. Much of it has been gained from first hand, boots on the ground, experience.





IRBY CONSTRUCTION

318 Old Highway 49 South
Richland, Mississippi 39218-9449

info@irbyconstruction.com

IrbyConstruction.com

601-709-4729