GPA FOUNDATIONAL INFRASTRUCTURE SOLUTIONS

Human Resource Rebalancing - GPA will soon retire several power plants beginning with Cabras 1&2. GPA must plan to rebalance its workforce considering the displacement of these employees. This must be well in advance of the actual plant retirements.

Grid Transformation Solutions - Without completion of Grid Transformation Projects, the grid will not be stable, reliable, resilient, and affordable.

GPWA Information/Operations Technology (IT/OT) Consolidation - A secure, reliable, and responsive IT/OT organization and infrastructure is critical for supporting GPA's Strategic Transformation.

Creating Organizational Alignment & Fit - Creating a more resilient, streamlined, and effective organization through process mapping & re-engineering. Incorporating and leveraging information technology into business processes creates the digital transformation shift.

Cyber and Physical Security (CAPS) - Secure GPA's cyber resources. Secure GPA substations, power plants, and other critical infrastructure facilities.

Succession Planning - With over 50% of its workforce eligible to retire within five years, GPA must hire and train new employees to take over. GPA must update its job descriptions and eligibility requirements moving these jobs into the 21st century. Many jobs will have changed because of digital transformation and technology.

Smart Grid (SG) - Smart Grid is the grid's information superhighway driving operational improvements and efficiencies.

Aging T&D Infrastructure Replacement - Like all other U.S. power utilities, GPA must plan for replacing its aging infrastructure. GPA should invest in an Asset Management ERP capability to guide and manage the replacement process.

Improving Generator Reliability - Achieving 95% GPA generator availability is a cornerstone for grid resiliency, reliability, and affordability.

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