## GPA DIGITAL TRANSFORMATION SOLUTIONS



**GPWA Information/Operations Technology** (IT/OT) Consolidation - A secure, reliable, and responsive IT/OT infrastructure supported by a skilled and capable staff is critical for supporting GPA's Strategic Transformation.



Smart Grid (SG) - The technology enabler for driving operational improvements and efficiencies. The Smart Grid makes possible the transition of GPA manual processes into information-based, digitally enhanced automated processes. Use of smart controls and sensors improves reliability, resiliency, and affordability.



Creating Organizational Alignment & Fit - Creating a more skilled, resilient, streamlined, and effective organization through process mapping & re-engineering leveraging information and operational technology is the end goal for digital transformation.



Energy Sense Program Outreach - Customer expectations are driven by the customer connection capabilities of the telecom, streaming entertainment, and virtual shopping industries. Building this outreach through relevant content improves GPA's relationships with its customers. The conversion of the manual Energy Sense Rebate Application process to a digital platform supports the objective of digital transformation.



**Business Analytics -** The Smart Grid, Energy Sense Web-sites, Internet of Things (IOT) and Third-party content providers are creating more data and information that any individual(s) can analyze the business value for GPA. The use of artificial intelligence engines with defined logic provides GPA the ability to respond in a proactive manner to grid conditions to determine the best resolution for customers.



**Simulation and the Digital Twin -** In response to extreme natural events, the ability to work remotely along with utilize real-time simulation through a Digital Twin of an energy system allows for continuous learning to GPA engineers and operators.



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