



TDX global solutions, llc
a tanadgusix company

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Tanadgusix (TDX) Corporation- Alaska Native Corporation with annual revenue \$100M+ from diversified global operations & investments.

Power Systems
Engineering

Power Generation
Control Systems

Worldwide Retrofit
Services

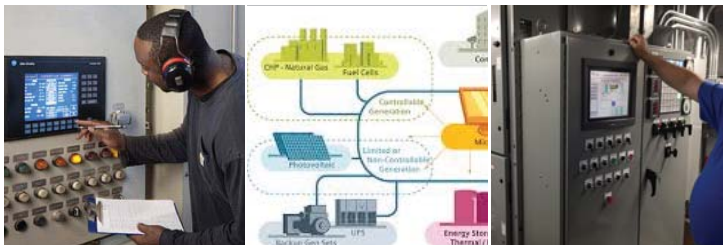
Engineering/Design,
Procurement, and
Construction Solutions

Microgrid/Resilience

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DUNS/CAGE
080380671 / 7QB18

BONDING
\$50M Single /
\$125M Aggregate

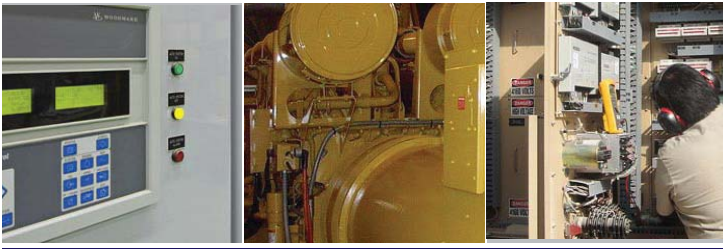


power systems engineering

Worldwide Design, System Integration and Retrofit and Upgrade Services for the Power Generation Industry which includes Turbines, Reciprocating Diesel and Natural Gas Generators, Solar Power, Battery Storage Systems. Provider of Paralleling Switchgear (All OEM manufacturers Siemens, Eaton, Square D, IEM). Over 150 years of combined Power Generation Experience.



- Power engineering solutions for critical facilities, weapons systems and infrastructure
- Switchgear and controls engineering/design/installation/integration/troubleshooting for the Military, government, hospitals, water treatment facilities, pharmaceutical manufacturing and utilities infrastructure
- Worldwide experience with power generation and distribution systems, including protection relaying and system grounding (up to 220MW)
- Experts in electrical and mechanical disciplines: gas, diesel, gas turbine, and wind turbine equipment, including switchgear and controls, as well as associated auxiliary equipment
- Microgrid/Resilience engineering, design, procurement and construction experience and integration capabilities.
- Custom controls manufacturing/OEM switchgear controls population/ Custom PLC and HMI code specific to a given application – all performed in house by our staff of experts
- Recognized experts in Systems Integration, Programmable Logic Controllers (PLC) controls, Human Machine Interface (HMI) packages, and associated communications systems, inclusive of remote monitoring and Balance of Plant Control Systems



experts in power generation control systems

Stand Alone or integrated into Switchgear, Balance of Plant Control Systems for Backup, Export, Landfill or Cogeneration, and SCADA Systems

Paralleling Switchgear Capability of Paralleling (Closed Transition or Open Transition) any combination below:

- Any type Turbine to any manufacturer Diesel or Natural Gas Generator, and to any other type of generator manufacturer
- Microgrid specialty (Wind, Solar, Battery Storage, Gas Turbines, Natural Gas and Diesel Generator systems)
- TDX Global Solutions is DFARS 252.204-7012 compliant

Experience in:

- Quad PAC and HBU PLC-based systems
- HMI systems
- Networking and communication processes
- Remote monitoring – NB, tablet, or phone accessible
- Design and development of Open Protocol Ladder
- Integration of Power Control Monitoring System (PCMS) and System Control Monitoring Systems (SCMS) for remote operation of power plants, includes design, develop, test, and commission simulators for of PCMS/SCMS systems training
- Recognized by the Missile Defense Agency and USACE as an expert in power-related issues





worldwide retrofit services

Specialize in upgrading any system in the field worldwide. Upgrade existing system from "Old Analog" to "New Digital" system. All Power Generation Equipment which include: Turbines, Generators, Control Systems, Balance of Plant and Switchgear systems.

- All Power Generation Equipment which includes Turbines, Generators, Control Systems, Balance of Plant and Switchgear systems.
- Cost, timing and changes in application drive the need to retrofit your Power Generation System, and therefore we have been very successful in our custom retrofit solutions for customers all over the world.



TDX Global Solutions is a certified participant under the U.S. Small Business Administration's 8(a) business development program which makes us eligible for direct match contracts up to \$20M as a Super 8(a).

engineering/design, procurement, construction solutions

TDX Global Solutions has the team to perform a complete EPC solution.

Ask for more details

TDX Global Solution's goal is to design and install a system that won't fail when utility power goes down

Installation: Full scope of services, from supervision of running conduit and pulling wire to commissioning and testing. Installation services include generators, transfer switches, UPS systems, and remote monitoring systems.

Design: TDX designs and/or provides specified OEM gear customized for new facilities or replacement of existing switchgear and controls, inclusive of standard and HBU PLC controls, HMI systems, and remote monitoring capabilities in custom built Master Control Panels (MCP).

