# Engineered Systems Solutions



TECO Westinghouse

SENGINEERED SYSTEMS SOLUTIONS

## **A Commitment to Reliability**

TECO-Westinghouse is in a unique position of being able to provide quality motors, generators, drives, and power solutions, all from our factory headquarters in Round Rock, Texas. This capability, combined with our global manufacturing resources, uniquely positions us to serve our customers' needs with any application and in any industry. From standalone products such as our Versabridge® MVD and Modular Heat Recovery System to full-scale system solutions involving Microgrid infrastructure, TWMC offers custom design engineered systems of all scopes and scales.

TWMC also offers power solutions up to 15 kV and 40+ MVA. These solutions can be integrated into existing infrastructure or built from the ground up at a new site. Using TWMC as a turnkey system supplier allows the customer to mitigate risk, simplify the contracts and logistics, and allows for improved deliveries and prices.

## **Turnkey Scope and Range**

TWMC's Engineered System Solutions offers equipment and services to integrate turnkey systems from the power pole and recloser down to fractional HP motors and controls, from 460V to 34.5kV and 1MVA to 50+MVA.

#### ETAP, Short circuit, device **Full load tests** SKM. up to 5 MVA, coordination & **Simulink** settings, arc flash, Integration harmonics, staring **Optimized size** analysis, energy and cost when savings integrated w/ **System System** VersaBridge<sup>®</sup> Testing **Studies MV** Drive **Electrical Buildings Custom PLC** (E-House) logic and HMI for PLC & HMI projects. Allen Interfaces Bradley, Modicon, Patented, UL-listed Panel PC's. VersaBridge<sup>®</sup> MV **Complete Project Provider** MV **Drives with 2-phase Drives** cooling 2.3-15,V, 1-40kHP Up to 15kV, MV **Motors** 100k HP 5-15kV, 63kAIC, metal enclosed Switchgear and metal-clad with protection relays. Mains, Feeders, and & MCC **Synchronous Transfer applications**

**Design Philosophy** 

**Full Control** 

**Bringing it all Together** 

**Environmental Ruggedness** 

control, TWMC has the capability to do it all.

new brick and mortar, E-house, or mobile/modular structures.

Regardless of application, TWMC approaches each system with the mindset of providing

the most utility and reliability possible. We pride ourselves in taking a flexible, solution-

oriented approach, with a focus on ensuring our customer's needs and expectations are met.

Whether in a chemical plant, lease field or coastal environment, TWMC can provide the

appropriate ingress protection and enclosure type for any application and location. Pairing

our patented 2-phase cooling system on the Versabridge MVD, class R global system for transformers and inductors, and proprietary Thermalastic® insulation system on all induction

When implementing a synchronous transfer scheme, complex synchronous excitation control, relay coordination, developing custom PLC programs, or other complex system

Existing installation or new build, TWMC can provide integration services within existing or

and synchronous motors results in the most reliable and rugged offering to date.

# **GLOBAL** PRESENCE



# **TECO** Westinghouse

## **NORTH AMERICAN LOCATIONS**

#### USA

TECO-Westinghouse Motor Co. 5100 N. IH-35 Round Rock, TX 78681 1-800-247-6859

www.tecowestinghouse.com

### **CANADA - EDMONTON**

TECO-Westinghouse Motors (Canada), Inc. 18060-109th Ave. Edmonton, AB T5S 2K2 1-800-661-4023 www.tecowestinghouse.ca

#### **MEXICO**

TECO-Westinghouse Motor Co. SA. de C.V. Circuito Mexiamora Poniente 321 Parque Industrial Santa Fe Gto. Puerto Interior C.P. 36275 Silao, Guanajuato, Mexico +52-472-7489016 www.tecowestinghouse.com.mx

### **CANADA - CAMBRIDGE**

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