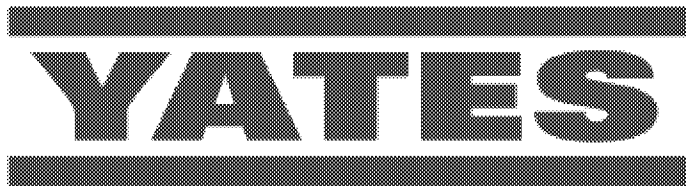


**CITCO Greenhouse Gas Avoidance Calculator
Sub-Application Support
Yates Relevant Experience**

Prepared by
YATES Engineers, LLC
Greenville, SC
Project No. 15450-0002



1. Document Scope - Yates Relevant Experience

Yates, a premier Engineering, Procurement, and Construction (EPC) firm with over 60 years of experience, annually delivers \$5 billion in services for projects across the United States. As a leader in sustainable industrial projects, Yates specializes in optimizing designs to enhance energy efficiency and minimize greenhouse gas (GHG) emissions.

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Yates conducted the Front-End Loading Phase 2 (FEL-2), during which comprehensive options evaluations were performed for equipment, systems, and processes. These evaluations prioritized energy-efficient selections and process optimizations to achieve significant GHG reductions. Upon completion of FEL-2, the selected scope—focused on low-emission technologies and streamlined operations—was finalized and locked in prior to advancing to FEL-3.

The process and electrical calculations underpinning these selections were developed by Yates' in-house team of degreed engineers, ensuring rigorous analysis of energy consumption, system efficiencies, and emission profiles. This approach directly supports GHG mitigation by integrating high-efficiency equipment, advanced process controls, and optimized electrical distribution systems that reduce overall carbon footprints.

Leading the process engineering efforts was

Redacted

Redacted

The electrical engineering lead was Jim Mills, a degreed Electrical Engineer from the University of Missouri at Rolla (now Missouri University of Science and Technology) with over 50 years of consulting experience.

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