



For over 30 years, Delta has been providing premier technical support to the energy industry.

Recognized by Energy Business Review as a Top 10 Biomass Service Provider, 2022

OUR SERVICES:

Owner's Representative

We have your best interests in mind. Our professionals are adept at running projects as a client representative. We integrate and adapt to your processes, and maintain tight control of the bidding process, design, and construction activities.

Technical Staffing Services

We have professionals with experience in many technical arenas. We work with you to create the description of who you want, and with your description in hand, we connect you with the right technical resource.

Project Development Services

Full-service greenfield or brownfield project development from inception to commissioning, with options for operational support following completion. We work with you from the start to understand your goals and develop a project plan which inherently includes the tenets of good Project Management, including rigorous cost and schedule control and oversight.

Bioenergy Services

We have agreements in place with a number of diverse and commercially proven proprietary bioenergy technology providers. We work closely with you to learn about your unique situation, including feedstock and tiered project goals, e.g. electrical generation, production of liquid biofuel, or simply greenhouse gas elimination. We will develop the right technology solution tailored for your specific needs.

Nuclear Power Services

Leverage our Nuclear experts to provide you with solutions to a host of nuclear issues. Our experience ranges from day-to-day operational issues and governmental mandates to mega-projects, including new plant construction.

Task Insert Teams

A true cornerstone of Delta support, we will work with you to fully understand your project vision and handpick the rightsized team of support professionals to work together to bring your project to fruition.

Examples of Recent Biomass Projects completed by Delta Personnel

Replacement/Upgrade of large drag chain conveyors (200+ feet)	Air Compressor System replacement/upgrade	Regenerative Catalytic Oxidizer (RCO) installations	Replacement of submerged ash conveyors
Regenerative Thermal Oxidizer (RTO) installations	Spark detection, explosion, and flame suppression systems	Pellet Mill Expansions (Kahl 1250 change-out to Kahl 1500)	Multi-faceted Brownfield/Plant Expansion
Bucket Elevator upgrades and replacement	Regenerative Thermal Oxidizer (RTO) media replacement	Roads and infrastructure Upgrades	Preventive Maintenance assessments
Temporary Pellet Mill Steam Injection System Installations	Permanent Pellet Mill Steam Injection System Installations	Dryer Recycle Isolation Assembly installations	Sonic Aire Fan Dust Mitigation
Deflagration Protection - Several projects - 100+ deflagration relief panels	Engineering assessments (pre-screeners, GHM shredder screw, compressed air sys)	Dry Hammer Mill Emissions Control (routing of emissions to furnace)	Baghouse Modifications – including anti-corrosion and thermal insulation coatings
Dryer Duct & Cone replacements	Aspiration System Installation	Gearbox Upgrade/Replacements	Central Vacuum System
Bucket Elevator Belt replacements	Green Hammermill to WESP VOC Tie-in	Dry Hammer Mill Expansion	Process Fire Abort systems
Pellet Mill Cooler RCO	Woodyard Lighting	Pellet Mill Cooler Chilled Water System	Regenerative Catalytic Oxidizer (RCO) upgrade
Radial Log Crane	Storm water drain systems	Truck Tipper Chip Delivery System	Conveyor Internals Refurbishment
Site Lighting Upgrades	Pellet Mill Bridge Crane	Structural Upgrades	Fire Hazard Elimination
Conveyor Extensions w/Chain Replacements	Electrical Engineering Studies	Facility Building Additions	New Facility Buildings
Vertical Dry Hammer Mill Addition (27 mills)	Prefab and site built MCC Room/Building Installations	Multi-faceted Woodyard Workflow Improvements	Installation of Hardwood Stacker/Reclaimer
RTO structural upgrades and burner additions	Design/installation of stairs and work platforms	Multiple Screw Conveyor installations	Electrical Power and Control System upgrades
Root Cause failure investigations / reports	Green Hammer Mill Rotor Replacement	Pellet Mill Central Greasing modification	Conveyor Chute/Paddle/Flight improvements
Furnace Fuel Bin Reroofing	Furnace Grate replacements	Stacker/Reclaimer Standpipe mod	Soybean Oil Tank installation
Walking Floor Ladder replacement	Pellet Silo CO monitor	WESP Flush Water Preheat	Water Retreatment Plans
Capital Spare Procurements – Motors/Gear Boxes/Screw Conveyor	Brownfield Expansion Commissioning	Multiple Shipping Port Dust Mitigation/Fire Protection Projects	Site Grading and Drainage - reconfiguration