



United Energy Service (UES) is a leading full-service provider of pigging and decoking services to clients throughout Canada and the United States. Our experienced flow enhancement technicians are fully trained to routinely deliver the safest and most environmentally compliant pigging services in the world.



CEDA International Corporation is one of the largest providers of specialized industrial maintenance, turnaround and construction services in North America. Since 1973, clients have relied on CEDA to deliver outstanding technical services that optimize their investments, improve their competitive position and increase their long-term success.

CEDA employs talented and passionate people who are committed 24/7 to delivering world class service through innovative technologies, equipment and processes, safely every time. CEDA is comprised of several subsidiary companies and has offices throughout Canada and the United States.

cedagroup.com



**A LEADING PROVIDER OF
PIGGING AND DECOCKING SERVICES**





DEDICATED TO KEEPING YOUR FACILITIES SAFE AND PROFITABLE.

United Energy Services (UES) delivers a comprehensive range of pigging and decoking services to clients throughout North America and select areas of the world. UES operates a fleet of technologically advanced mobile pigging and decoking units and has an experienced team of flow enhancement technicians that are fully trained to provide superior service with a focus on safety, cost, quality and schedule. UES routinely delivers the safest and most environmentally compliant pigging services to refineries, upgraders, SAGD sites, chemical and gas plants, pipelines and related facilities.

UES has invested substantial time and effort into the customized design of its mobile pigging units. All UES double pumper pigging units are equipped with emergency shutdown devices to protect against disasters, double spill containment, explosion proof lighting and high and low automatic shut-offs for clean and dirty tanks. The working platforms meet 42" inch handrail specifications. Technology and automated computer trending enables UES to capture trending of all pigging data during a job. All pigging data is tracked and displayed through the on-board computers and data may also be downloaded to a memory stick for clients to review. Automated computer trending allows UES to monitor all valves while in operation and the advantage to see which valves are working properly therefore ensuring efficiency. Computer automation empowers UES to greatly reduce the time spent on troubleshooting malfunctioning valves.

All UES double pumper units have a 25 kilowatt self sufficient power source. These gensets supply power to the pigging units and support trailers enabling UES to be self-sufficient should a plant or refinery be unable to supply power. Additional features of the pumper units include Mercedes Benz engines which meet the current tier 3 emissions standards. UES also has an extensive quality control program to document and monitor all pressure piping on the unit, lightweight stainless steel hard lines, pressure hoses and all launchers / receivers.



UES delivers the following services:

- Decoking of fired heater furnaces
- Descaling of OTSG boilers and HRSG Co-Gens
- Pipeline cleaning
- Smart pigging capabilities
- Commissioning
- Decommissioning
- Recommissioning
- Dewatering
- Pigging
- Project Management
- 24/7 emergency service.

SUCCESSSES

MEG ENERGY CORPORATION SAGD FACILITIES

- Christina Lake, AB
- Descaling OTSG boilers
- Commissioned HRSG Co-Gen
- Cleaned disposal pipeline (5 km)
- Commissioned fuel gas lines

CENOVUS ENERGY SAGD FACILITIES

- Christina Lake and Foster Creek, AB
- Descaling OTSG Boilers
- Descaling HRSG CoGens

DEVON CANADA CORPORATION SAGD FACILITIES

- Jackfish Lake, AB
- Descaling OTSG boilers

HUSKY ENERGY SAGD FACILITIES

- Tucker Lake, AB
- Descaling OTSG boilers

SYNCRUDE CANADA

- Fort McMurray, AB
- Decoking Vacuum Crude Heater

SUNCOR ENERGY MILLENNIUM PLANT 52

- Fort McMurray, AB
- Decoking Multi-Size Coker Furnaces

SUNCOR ENERGY PLANT 5

- Fort McMurray, AB
- Decoking Coker Furnaces with 2 Double Pumper Pigging Units

STATOIL SAGD FACILITIES

- Conklin, AB
- Descaling OTSG Boilers

IMPERIAL OIL SOUTHLAND TANK FARM

- Edmonton, AB
- Decommissioned Pipelines (4" to 16")

NEXEN LONG LAKE

- Anzac, AB
- Descaling HRSG Co-Gens and OTSG's
- Descaling and Smart Pigging of Pipelines

HUSKY ENERGY UPGRADER

- Lloydminster, SK
- Decoking Multi-size Vacuum Furnace
- Decoking Pipelines

KEYERA ENERGY PLANT

- Drayton Valley, AB
- Decoking Re-Boiler

TESORO REFINERY

- Anacortes, WA
- Decoking of NAPHTHA Treater Splitter Re-Boiler

BP REFINERY

- Whiting, IN
- Decoking and Smart Pigging of Ultrafiner Furnace

DOW CHEMICAL

- Fort Saskatchewan, AB

Decoking and Smart Pigging Ethylene Cracking Furnace

WILLIAMS ENERGY

- Fort McMurray, AB
- Decoking and Smart Pigging of Fired Heater Furnace

