

Semifinalist – Natural Gas Production



Linear Motion Technologies LP (LMT)

Demonstration of zero-emission fail-safe Electric Dump Valve Actuator (EDVA) to mitigate methane emissions

Methane Mitigation

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RadMax Technologies, Inc.

Demonstration of innovative positive displacement device for recompression of natural gas to avoid venting

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Winterhawk Well Abandonment Ltd.

Demonstration of surface casing vent flow (SCVF) remediation in natural gas wells

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GHGSat Inc.

Field Pilot of Satellite-Aircraft hybrid system in the BC Montney

Emission monitoring and quantification

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Luxmux Technology Corporation

Demonstration of accurate remote monitoring system for methane and carbon dioxide measurements

Emission monitoring and quantification

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BELTON
ENERGY
SERVICES

Belton Energy Services Ltd

Demonstration of in-situ management of drilling tailings including recycling of drilling mud, separation and recovery at a natural gas production site

Sustainable Production and Water Management

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FalconX Corp.

Demonstration of advanced wastewater and produced water treatment solutions for natural gas upstream industry

Water Management

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Saltworks Technologies Inc.

Demonstration of innovative produced water management system at natural gas production site

Water Management

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Distributed Gas Solutions Canada, LP

Deployment of Natural Gas treatment and liquefaction technology directly at a wellhead to displace diesel fuel locally

Micro LNG

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Marnoch Thermal Power Inc.

Demonstration of power generation using low enthalpy heat from stranded natural gas assets

Heat to Power Generation

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RadMax Technologies, Inc.

Demonstration of electrical power generation with positive displacement rotary expander at natural gas production letdown point

Energy Efficiency

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Turkana Inc.

Demonstration of long range formation fracture mapping for optimal completion of natural gas wells

Sustainable Production