



**FRACTION**  
Division of Green Energy Services



**LV ENERGY SERVICES**  
A Division of Green Energy Services Inc.

**WE DO IT SAFELY, OR NOT AT ALL.**

## June 2024

### Message from the President, LV Energy Services

First and foremost, I want to express my gratitude to everyone for an outstanding and successful winter season. Special thanks go to Fraction and Green Energy for welcoming LV Energy into their family, as well as to the remarkable Red Deer group for their hard work in relocating us to Lacombe. I am incredibly excited to see what our new team can achieve together!

Now, a brief update on the Heating Division's maintenance and plans for the upcoming winter season. We are committed to maintaining our position as the provider of the best heaters on the market, boasting a fleet of 34 units, the largest in the industry. We are currently undertaking a complete rebuild of units HT-02, SH-03, and SH-04. Additionally, we will be replacing the coils in SH-15 and SH-11 and fully revamping the gas train on SH-20. All box-style heaters will have their coils removed for insulation and inspection. While the coils are out, they will be sandblasted to remove debris and buildup, ensuring optimal heat transfer. Additionally, each box-style heater will be retrofitted with a PRV blow-off diversion system. This system, adopted three years ago following a major incident, diverts any gas released from a PRV away from the heater and ignition sources, ensuring the safety of our operators and equipment.

We also have some new additions to our team. Please welcome Doug, Dustin, Wyatt, and Dave. They will be responsible for ensuring smooth, consistent, and most importantly, safe operations in the field. These four will operate on a 3 on/1 off rotation, ensuring we always have three supervisors in the field at any given time. This will provide our team members and customers with consistent support day in and day out.

Lastly, I want to emphasize that regardless of your division—whether it's pumping, heating, or storage—we are all one team. If you see someone struggling, lend a hand. At the end of the day, we are all working towards the same goal.

Jason Henderson  
President, LV Energy

**"It's amazing what we can accomplish when no one cares who gets the credit!"**



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## JOINT OCCUPATIONAL HEALTH & SAFETY COMMITTEES

### FRACTION ENERGY

- Damian Akhurst - Company Rep.
- Shawn Fortin - Worker Rep.
- Chris Kestel
- Dustyn Hordos
- Rob Baker
- Erica McNeil
- Ryan Besler
- Matthew Grierson
- Gary Burke
- Daniel Wood
- Toby Congert
- Dave Snodgrass
- Heather Cook
- Mychaela Kachowski
- Tyler Emsley
- Jamiel Valencia
- Jesson Besona
- Doug Robinson
- Jim Mitchell
- Zac Klein
- Jamie Querin
- Michele Davis
- Frank Baruta
- Janice Nadeau

### LV ENERGY

- Michele Davis
- Doug Robinson
- Distomustin Backs
- Wyatt Walker
- Dave Tress

## CONNECT

780-567-5379  
601, 736 – 6 Avenue SW  
Calgary, Alberta T2P 3T7

# MONTHLY SAFETY TOPIC

## WILDFIRES IN THE OIL AND GAS INDUSTRY

The oil and gas industry is a vital component of the global economy, providing energy to millions of people around the world. However, this industry is not immune to the risks associated with wildfires. In fact, wildfires pose a significant threat to the oil and gas industry, with devastating consequences for people, property, and the environment.

### The Consequences of Wildfires:

- Loss of life
- Environmental damage
- Property damage
- Economic losses

### The Role of Weather Conditions:

- Weather conditions play a significant role in the risk of wildfires in the oil and gas industry. Drought conditions, strong winds, and high temperatures can create an environment that is conducive to wildfires, making it more difficult to contain them once they start.

### Green Energy Services' Proactive Measures:

- Implementing initial response protocols: we have developed protocols for responding to wildfires in their early stages, including evacuation procedures, fire suppression tactics, and communication plans.
- Outfitting vehicles with firefighting tools: Our vehicles are equipped with essential firefighting tools, including water extinguishers, portable pump cans, shovels, and axes.
- Collaborating with local communities: We have partnered with local communities to establish fire suppression systems and provide training on wildfire prevention and response.
- Community Engagement: Our team is committed to engaging with local communities to promote wildfire prevention and response. We have partnered with local communities to establish fire suppression systems and provide training on wildfire prevention and response.

## What Can We Do to Help Prevent Wildfires?

### Be mindful of fire restrictions:

Stay informed and check local fire danger ratings and follow any fire restrictions or bans in your area. Be aware of weather conditions.

### Dispose of cigarettes properly:

Make sure to fully extinguish cigarettes and other smoking materials, and dispose of them in a responsible manner.

### Keep campfires under control:

When camping, make sure to fully extinguish campfires before leaving them unattended. Use water to douse flames and ashes, and stir the ashes to ensure everything is extinguished.

### Use fire pits and grills safely:

Keep fire pits and grills at least 10 feet away from flammable materials, such as leaves, branches, and debris. Make sure to fully extinguish them before leaving them unattended.

### Keep your property maintained:

Keep your yard and property free of debris, leaves, and dead vegetation. Regularly trim trees and shrubs to reduce the risk of fire spreading.

### Use drought-resistant landscaping:

Choose drought-resistant plants and avoid using mulch or other combustible materials in your landscaping.

### Be prepared for emergencies:

Make sure you have a wildfire evacuation plan in place and stay informed about emergency procedures in your area.

### Report suspicious activity:

If you see someone intentionally starting a fire or engaging in suspicious behaviour, report it to the authorities immediately.



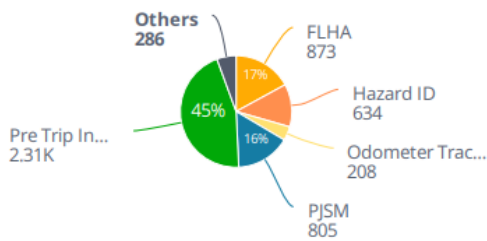
# STATISTICS & RESULTS – MAY 2024

TRIF	FIRST AID	MEDICAL AID	MODIFIED DUTIES
0.14	5	0	0
LOST TIME	LOC	KMS DRIVEN	SAFETY FORMS PROCESSED
0	2	2,957,632	5,116

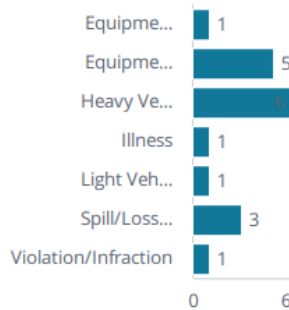
TRIF: Total Recordable Injury Frequency

LOC: Loss of Containment

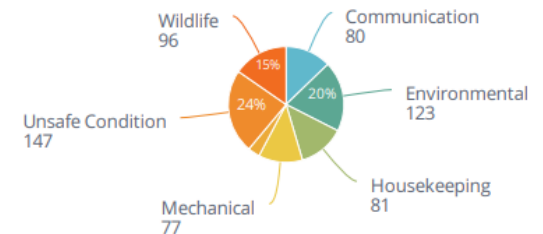
Forms Signed



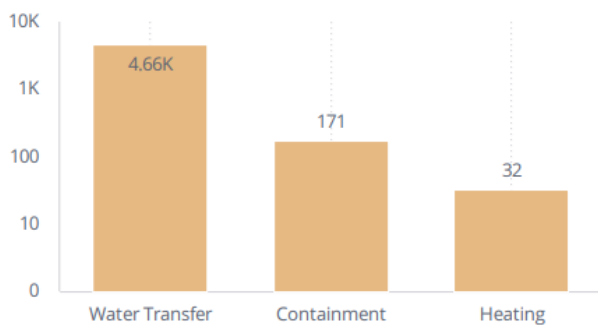
Incidents



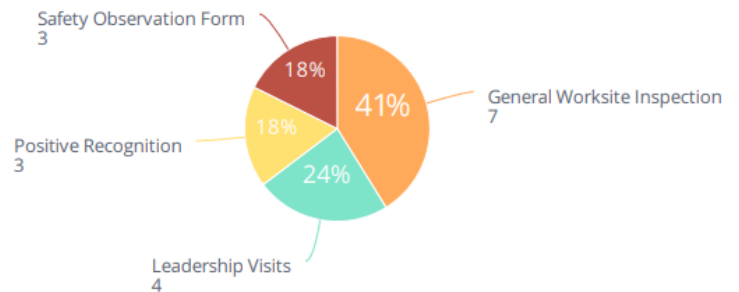
Hazard ID



Forms Signed By Divisions



Inspections Conducted





## POLICY REFRESHER

### WILDFIRE TOOLS, EQUIPMENT AND MITIGATION Section: 100.48

**Purpose:** GREEN ENERGY SERVICES, (“GES”) and FRACTION ENERGY SERVICES, a Division of Green Energy Services (“FRACTION”) is committed to Wildfire mitigation by assuring “incipient stage” equipment is available in all field vehicles during Wildfire season.

**Scope:** All Company entities are to comply with this policy, Supervisor to ensure crew(s) will be equipped with the incipient stage tools.

**References:** This policy aligns with relevant regulatory standards and company policies, including but not limited to

- OHS Alberta 752.3
- Alberta Gov. Forest and Prairie Protection Act. Section 24
- WSBC 23.7,26.3.1
- BC Gov. Wildfire Act and Regulation Sec. 7

#### Company:

- FLHA must be completed prior to any work commencement with a heavy focus on Fire Hazard conditions.
- Personal Protective Equipment
- All vehicles must be equipped with the following:
  1. Water extinguishers or portable pump cans (5 gallon minimum)
  2. Spade shovel
  3. Axe or pulaski
  4. All ATV’s and other small or non-contained engines must have spark arrestors and meet CSA standards
- Report all instances of ignition immediately to Supervisor and Client Representative.

Do it safely, or not at all.

## HAZARD ID

**Remember to  
report all hazards.**

Reporting hazards is essential for learning from mistakes, preventing recurrence, and improving safety performance.

**WILL YOU BE NEXT  
MONTH’S HAZARD ID  
WINNER??**



# WILDFIRE TOOLS, EQUIPMENT AND MITIGATION POLICY CONTINUED

## Requirements:

- Fraction Energy Services workers will ensure brush and debris are clear of all pumps and heat generating equipment at a minimum of 25 Meters.
- No hot work may be executed without the express permission of the client and a formal Hot Work Permit must be obtained from the site supervisor or designate.
- Fraction Energy Services workers will attempt to control, isolate and extinguish all fires that are in the INCIPIENT STAGE ONLY.
- Under no circumstances are Fraction Energy Services workers, contractors or representatives to attempt to extinguish, fight, contain or otherwise control a fire that has exceeded "Incipient stage".
- Fraction workers are not trained or expected to participate in Wildfire Fighting Operations.



PHOTO CREDIT: Dave Snodgrass

# EMPLOYEE CONTRIBUTION

**FRANK BARUTA | HSE Manager, Fraction Energy**



## How Wildfire Spreads: Stages of Fire

When we think of wildfires, we often view them as catastrophic events from start to finish, not realizing that wildfires go through distinct stages of development. Understanding these stages is crucial for devising effective methods to prevent and control wildfires, ultimately protecting communities and ecosystems.

## How Do Wildfires Start?

Wildfires can ignite from both human activities and natural causes. A discarded cigarette, a spark from faulty machinery, or a damaged power line can ignite vegetation and escalate into an uncontrolled fire if not promptly detected and managed. However, not every ignition leads to a major wildfire. For a fire to sustain and grow, it requires oxygen and combustible materials, such as dry vegetation, to fuel its spread.

## The Four Stages of Wildfire

Wildfires progress through four distinct stages from ignition to extinguishment:

1. **Incipient Stage (Ignition or Initial Stage)**
2. **Growth Stage**
3. **Fully Developed Stage**
4. **Decay Stage**

Each stage has unique characteristics and associated risks, necessitating specific measures to control and mitigate the fire's impact.

1

### Incipient Stage

The incipient stage marks the fire's beginning, where heat, oxygen, and fuel combine to ignite flames. In wildfires, this often involves dry vegetation and accumulated dead organic matter. Fires at this stage are small and relatively easy to extinguish, sometimes burning out on their own due to limited fuel. Prompt firefighting response is crucial to prevent the fire from growing. Effective detection systems and preventive measures are essential to minimize wildfire risks.

2

### Growth Stage

If not contained early, the fire enters the growth stage, where its expansion depends on factors like weather conditions and available fuel. As the fire spreads, it consumes more vegetation, intensifying and producing more heat. This further dries nearby vegetation, increasing susceptibility to fire. The fire becomes highly unpredictable and dangerous, rapidly spreading over vast areas and complicating firefighting efforts.

A small fire can quickly become a devastating wildfire at this stage.

### 3

#### Fully Developed Stage

In the fully developed stage, wildfires reach their peak intensity and destructiveness, characterized by the highest temperatures and heat production. Fully developed fires are challenging to control, but strategic firefighting techniques, such as removing fuel from the fire's path, can help contain them. During this stage, heat and smoke pose significant dangers to firefighters and nearby residents.

Evacuations and safety precautions are critical to managing fully developed wildfires.

### 4

#### Decay Stage

The decay stage is the longest, beginning when the wildfire runs out of fuel or oxygen. Continuous monitoring is necessary to prevent re-ignition, especially with underground fires that can smolder unnoticed for months and resurface when conditions change.

#### Importance of Understanding Fire Stages

Understanding the stages of wildfire development is crucial for effective prevention and firefighting strategies. This knowledge enables timely and appropriate responses to contain and extinguish fires, ensuring the safety of everyone involved.

Early detection during the incipient stage simplifies control efforts. Implementing advanced fire and smoke detection solutions is essential to protect communities, homes, and properties around the clock.



## WHY WE

# WORK SAFELY

MICHELE (one L) DAVIS' background includes pipeline construction (20), Land Agent - Reclamation (4) and HSE Contract Consultant / Owner (8) with education including Social Work, Land Resource Management, Land Agent and HSE.

*"In my downtime I enjoy gardening on my acreage - growing anything that will grow, spending time with my grown young men, travelling and driving my car.*

*I look forward to the opportunities and possibilities the alignment with Green Energy Services, Fraction Energy and LV Energy will bring to everyone involved.*

*The season ahead looks to be busy as usual, and I endeavour to assist in keeping everyone safe and healthy through all our work projects."*

Thank you, MICHELE!

Fraction and your Family thank you for working safe!

## MEET MICHELE DAVIS



**HOMEBASE:** Lacombe

**JOINED LV ENERGY** in 2012, starting as a contractor, becoming a full-time employee in August of 2020. Currently HSE Manager.

**MOTTO:** "Safety is what you do when no one is looking."

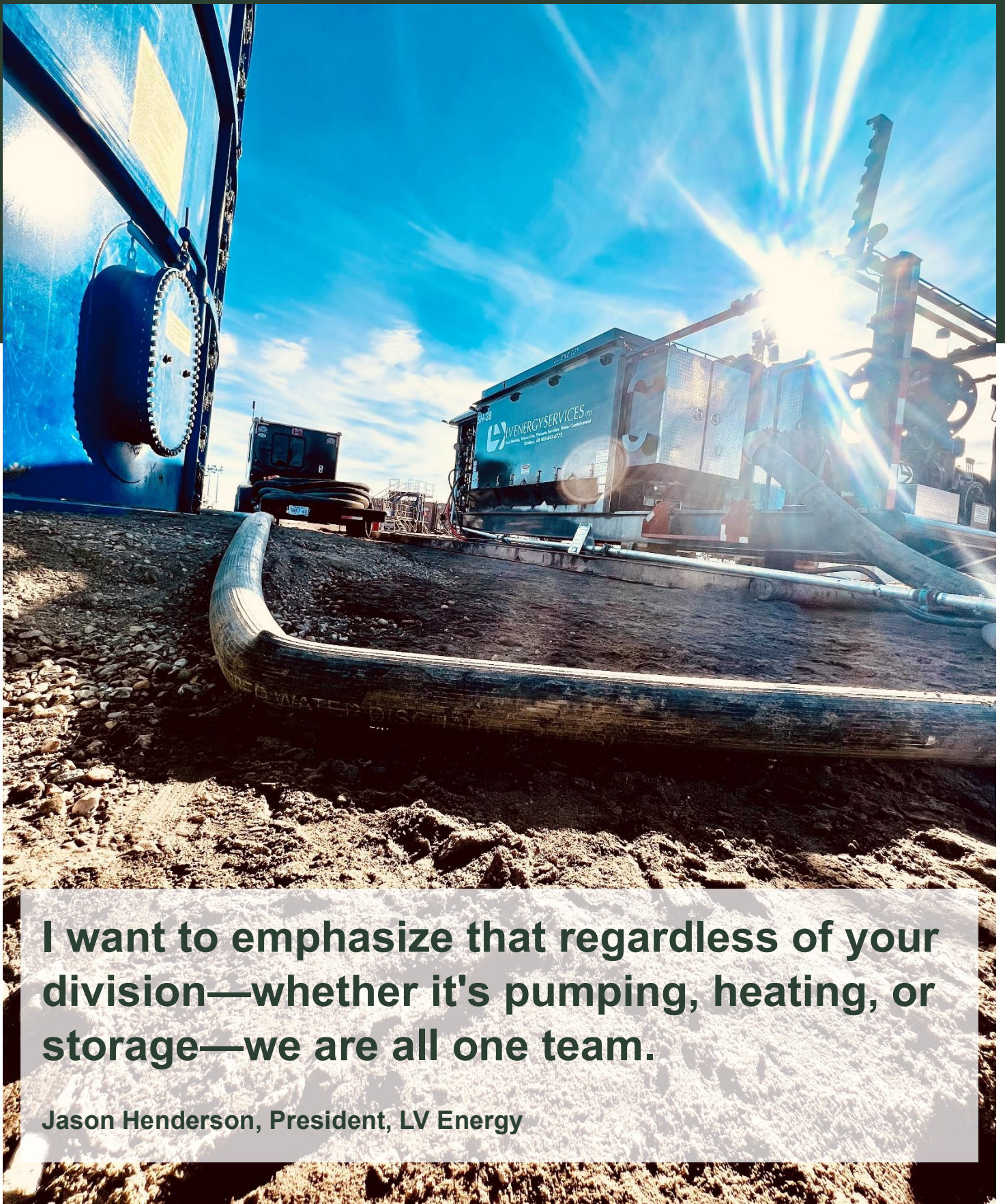
**Remember... the most important thing is going home safe to our families, friends and loved ones.**

# WORK ANNIVERSARIES

Work anniversaries are not just another day! They are a clear indication of your loyalty and commitment to Fraction Energy and LV Energy. We thank you for choosing to stay.

EMPLOYEE	# OF YEARS
Scott Malmgren	15 Years
Alan Cole	13 Years
Eric Arseneault	11 Years
Mitchell Giele	10 Years
Roy Bielecki	8 Years
Dale Howg	8 Years
Dean Handley	6 Years
John Pajor	5 Years
Marc Krauss	4 Years
Ryan Allin	4 Years
Colin Davis	3 Years
Taylor Langeveld	3 Years
Michael Forster	3 Years
Mitchell Ternan	3 Years
Patrick J Stratton	3 Years
Jeffrey Thomson	3 Years
Dyllon Stott	3 Years
Andrew Spencer	2 Years
Brittney Crites	2 Years
Michel Lyonnais	2 Years
Kevin Debert	1 Year
Adam Swanson	1 Year
Christopher Hostetler-Schlender	1 Year
Frederick Bennett	1 Year
Cole Young	1 Year
Zachary Dickson	1 Year
Jason Michaud	1 Year





**I want to emphasize that regardless of your division—whether it's pumping, heating, or storage—we are all one team.**

**Jason Henderson, President, LV Energy**