

# Disclosure of key indicators – January 2020

## Responsible Natural Gas Procurement Initiative



Seven Generations Energy Ltd.

### Key indicators\*

The Initiative includes the disclosure of certain key indicators that represent and take into account stakeholders' concerns and encompass matters of interest surrounding the production and extraction of natural gas in North America.

#### Emissions

##### Methane Emissions

Total  
**155,600**  
tonnes CO<sub>2</sub>e

Intensity  
**0.002104**  
tonnes CO<sub>2</sub>e/BOE

##### Intensity of greenhouse (GHG) gas emissions from operations

(Scope 1 and Scope 2 emissions)

**0.01441**  
tonnes CO<sub>2</sub>e/BOE

#### Water

**Intensity of water usage for completions<sup>†</sup> operations**  
(volume of freshwater used by production volume)

**0.056785** m<sup>3</sup>/BOE

**Percentage of water recycled**  
**11%**

#### Land<sup>‡</sup>

**Percentage of serviced land on the company's leases**  
**1.28%**

**Land usage area by natural gas production volume**  
**2,777** BOE/km<sup>2</sup> in 1 year

#### Health and Safety

Safety Incident Rates (total recordable injury rate, fatality rate, and near miss frequency rate for employees and contractors each year)<sup>§</sup>

TRIF	Fatality rate	Near miss frequency rate
<b>0.98</b>	<b>0</b>	<b>0.85</b>

\* These key indicators are based on Seven Generations 2018 performance.

<sup>†</sup> Completions is the vast majority of the volume so on a percentage basis and the Drilling team reports on a per well basis (not monthly) which makes it more challenging to get a yearly number (i.e. if a well started drilling in 2017 and finishes drilling in 2018).

<sup>‡</sup> The percentage of serviced land includes roads, pipeline installations, pad sites, camps and water ponds.

<sup>§</sup> Based on approximately 17 million hours of work and safety numbers are inclusive of employees and contractors.