



FOURTH STATE ENERGY



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Fourth State Energy can deliver a world without waste. Where waste is transformed into energy.

We are dedicated to bringing this technology to communities around the world. We all need a new normal in how we deal with waste.

Who we are

- Fourth State has partnered with PyroGenesis Canada Inc. to build their Plasma Resource Recovery System
- This technology is efficient, safe, cost-effective and environmentally responsible
- Used by US Air Force, US Navy and Carnival Cruise Lines



The Solarization Process

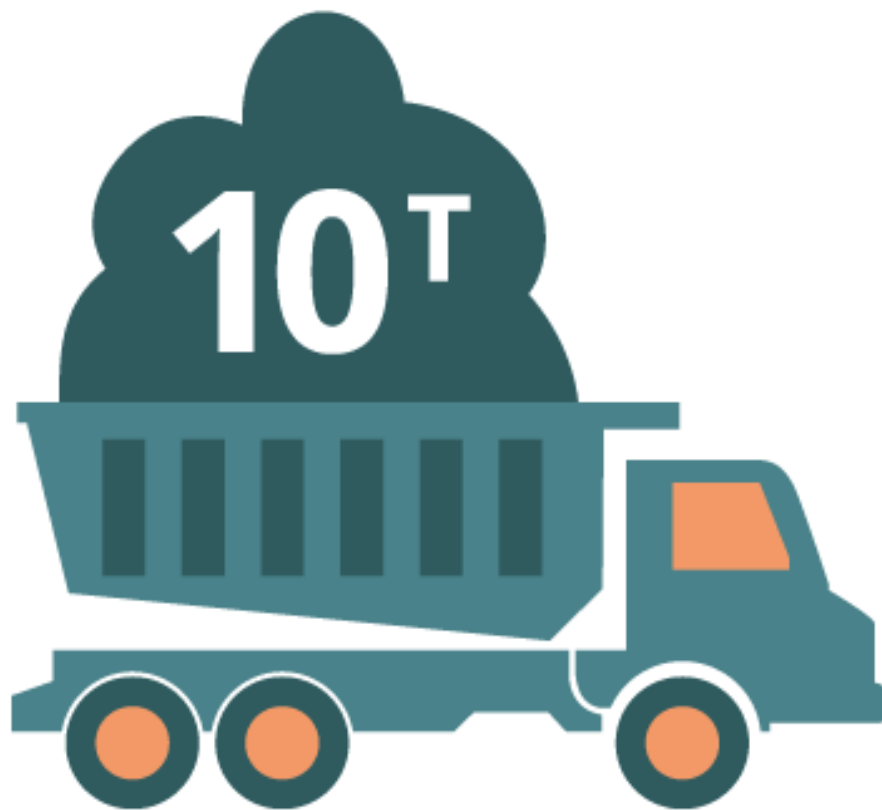


Where we are now

- HRM's population is growing, and we need to address our additional waste
- Otter Lake is almost at capacity
- Helps to address Nova Scotia's renewable energy targets: 40% by 2020



Life after Otter Lake



Sustainable technology



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Fiscally responsible solution



Economic opportunities

- Use local personnel, goods and services during development
 - Over \$51 million in services, products and labour procured locally
- Create jobs and skill sets in HRM and Nova Scotia
 - 45 jobs during 10 month construction phase
 - 50 permanent jobs



A Global Centre of Excellence

- Fourth State Energy is committed to investing in Nova Scotia
- We will conduct international training, sales and marketing from HRM
- Partner with universities, colleges and other institutions to foster innovation and skills development



Next steps

- Provide any additional information to the committee about Fourth State Energy and our vision for Nova Scotia
- Consider the results of the consultants report entitled “Solid Waste Review” commissioned by HRM



Thank you



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