

## Project Target – March 2022

The target completion date of the project is rapidly approaching, and we have been busy reviewing successes and lessons learned. We are excited to begin sharing this with both industry specialists and the general public. Check out our newly released video at: [www.speedier.ca](http://www.speedier.ca)

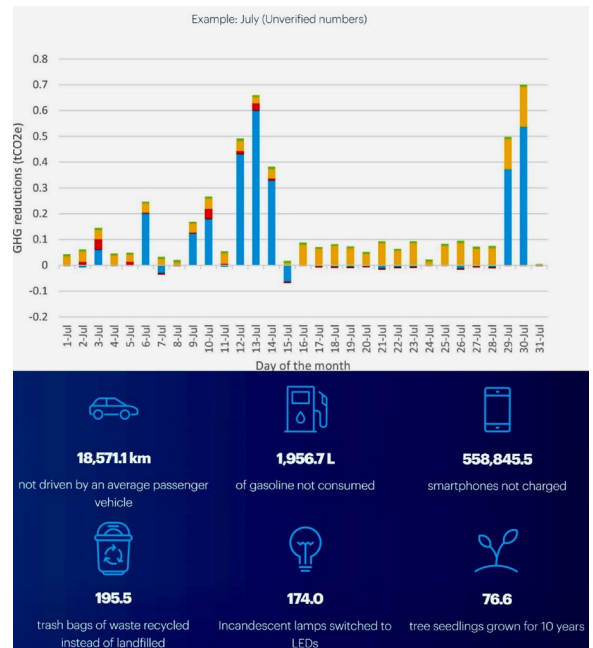
## GHG

Reduction of Green House Gas Emissions remains a huge component of our project. This chart provides an example of the amount of GHG reduced in one month due to the positive effects of the SPEEDIER project. It saved the equivalent of alternate emissions as pictured. You can find an update on our website through the following link:

<https://www.speedier.ca/ghg-the-process>

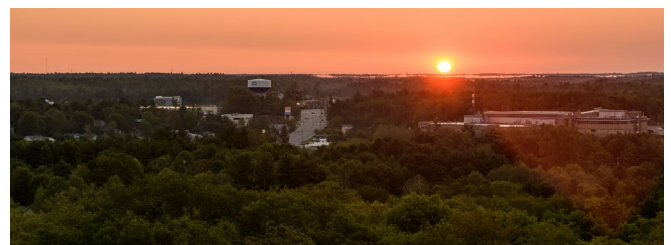
For those with a passion for this topic, check out Scott McCrindle's research paper, detailing the entire process of implementing the GHG Protocol framework, in a case study format.

<https://www.georgiancollege.ca/uncategorized/scott-mccrindle/>



## Parry Sound Microgrid Commissioning

After extensive testing and quality control, the Microgrid was commissioned on November 25<sup>th</sup>, 2021. We can now power up to 165 Homes when the main grid is offline in Parry Sound. The microgrid is designed to automatically respond to a variety of outage scenarios, utilizing the solar array and battery storage.



## Asset Updates

### Solar

The solar site produced 500MWh of clean, green electricity in 2021. This is enough energy to power approximately 70 homes for a year! And even more impressive, we didn't even fully commission until April 8th, and we also curtailed the production to 30% for 45 days for testing.

### Electric Vehicle Chargers (EV)

Our fleet of EV chargers are running well and providing EV owners with free charging at all the locations. We are adding a cable retractor to the DCFC at the Trestle Brewery. Word is out and the usage keeps climbing!



### Residential Energy Storage Systems (RESS)

Tesla Powerwall's continue to operate and provide standby power for 10 individuals in Parry Sound.

### Hot Water Tank Controllers (HWTC)

Our fleet of Hot Water Tank Controllers is now up and running with two preschedule Peak load events and we are seeing a real tangible shift of energy from Peak load to Off Peak.

### Utility Scale Battery (BESS)

Our Tesla Megapack has received some upgrades and is now performing even better than when we first commissioned it.

Thank you for your continued support

If you have any questions, please reach out to us:

**speedier.ca** website or email **contact@speedier.ca**



Please be vigilant about suspicious emails: **speedier.ca** and **lakelandholding.com** are the only domains associated with this project.