



# Empowering Communities

One World Clean Energy's mission: Execute technologies to improve our waters, reduce fossil fuel use and pollution, and eliminate landfills.

**Public sentiment on climate change is having a significant and lasting influence on shareholder investment!**

**One World Clean Energy Integrated Gasification Combined Cycle (OWCE IGCC)** proprietary technology and unique operations to process post-consumer waste and/or unsorted plastic waste mixed with sewer water to produce electricity. The **OWCE IGCC** incorporates the first slurry fed gasifier with a capacity of less than 1,000 tons/day.

#### **OWCE IGCC Waste mitigation as a service**

- Processing waste at the source
- Producing energy close to the end-users
- A viable alternative to landfilling/dumpsites
- No presorting or drying feedstock required
- ZERO Waste, ZERO odor, near ZERO emission

#### **OWCE IGCC Market Segment**

Our optimal target market for the **OWCE IGCC** are landfills and transfer stations with intake volumes of **100 ton per day** and tipping fees of \$45 or more. These are typically too large for municipalities to operate cost-effectively and too small for large waste management corporations to acquire.

#### **Commercialization Team**

OWCE has brought together a remarkable team of energy, academic and environmental professionals with the hands-on experience necessary to manage the wide variety of assignments of this project. From concept to design to commercialization, the team has and will continue to evolve to meet commercialization requirements.

#### **The Team:**

One World Clean Energy, Inc.  
POWER Engineers, Inc.  
Vector Systems, Inc.  
Clarkson University Shipley Center (NY)  
Rensselaer Polytechnic Institute (NY)  
New York State Pollution Prevention Institute  
Western Kentucky University (ICSET)

Milestones achieved to date:

- Theoretical Review
- Competitive Analysis
- Bench Scale testing
- **Aspen Simulation Modeling**
- Third-Party Technology Validation
- Intent drawings/cost estimates

#### **Lower CapEx & LOWER Risk**

**OWCE IGCC's** unique shop fabricated modular design has lower project cost and CapEx over traditional construction.

**Modular / Scalable.** The modular design provides for scalability to meet the needs of the project. **OWCE IGCC** systems are added or removed to meet project requirements.

**Lower Risk.** The modular system could be relocated should economics become unfavorable. **NO STRANDED ASSETS**

#### **Shared Value Business Models**

**OWCE IGCC** business models are either Joint Venture Partnerships (JV) with private entities or Public-Private Partnerships (PPP) with government entities or utilities.

#### **Commercial Scale**

**100 ton per day / 22MW OWCE IGCC** CAP-Ex is \$45 Million or \$2,000/kWe. With tipping fees at \$45 per ton and electricity rates at \$0.07 per kWh, yields a \$14.6 Million Gross Revenue for a three-year cash-for-cash return on investment.

#### **Capital Request**

**OWCE seeks \$2,000,000 to fund the pilot project; gasifier fabrication, equipment purchases, and G&A costs.**

The pilot-scale operation will demonstrate the technical viability of the **OWCE IGCC** system and provide scale-up data for commercialization of the 100 ton per day system.

Please contact Bill Bivins, CEO with questions or interest.

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