

Executive Summary June 2024



Low Cost Sulfur Reduction (Crude Oil and Liquefied Coal)

- LightspeedEnergy's patented technology uses high power ultrasound in a low temperature, low pressure environment, to provide **low cost reduction of sulfur, nitrogen, and trace metals in crude oil, derivative petroleum, and coal liquefaction products.**
- This technology also "pre-cracks" crude oil -- reducing crude oil density and increasing its volume. Sour crude is rendered less sour, a more useable product is extracted from a barrel of oil, and the volume and value of treated crude oil expands.
- Potential uses also include the treatment of liquefied coal, liquefied natural gas, and refined diesel product contaminated by old pipelines and/or tar sands.
- A significant portion of global oil production capacity is currently idle due to high sulfur content or density. Lightspeed Energy's solution solves this problem.



Business Highlights

- Leverages Global Patent Portfolio for Oil Refining
- Uses Time-Proven, re-purposed Off-The-Shelf Equipment
- Multiple Revenue Streams:
 - ✓ Oil Field
 - ✓ Refinery
 - ✓ Pipeline
 - ✓ Transmix
 - ✓ Synthetic Crude/Fuels
 - ✓ Coal Liquefaction (PennSynfuels)
- Converts Heavy Sour into Light Sweet Crude
- Intellectual Property (IP) in 43 Countries



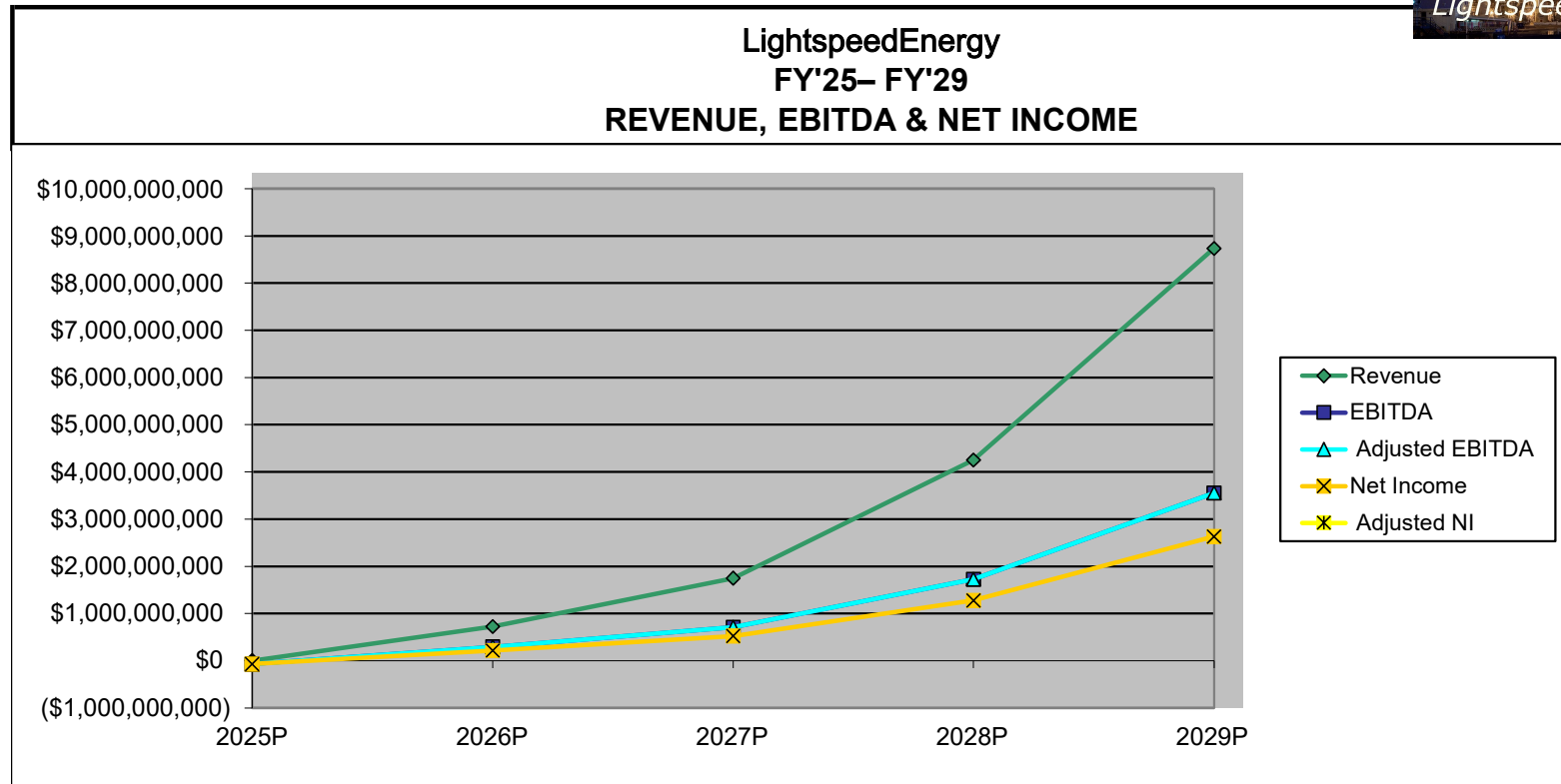
Disruptive Business Model

- Faster, Less Expensive Sulfur Removal from Crude/Fuels
- Extends Life of Existing Oil Fields
- Extends Life of Existing Pipelines
- Reduces Price Delta Between Light Sweet and Heavy Sour Crudes
- Makes the Oil Industry More “Green” or Ecologically-Friendly
- Reduce sulfur to 3 ppm.
- Creates a market for the large deposits of lower quality Bituminous soft coal of which there is a 500 year supply in the U.S. Bituminous contains the greater amount of compounds other than carbon—such as sulfur and mercury.



Financial Benefits

- Profitable in Year 2
- Revenue and net income ramp up quickly
- Dual revenue model:
 - 1) Installation
 - 2) Recurring royalties
- Given \$500 million current funding, the company envisions that global revenue of \$8.7 billion and net income of \$2.6 billion are achievable in 5 years.



| (in thousands) | 2025P | 2026P | 2027P | 2028P | 2029P |
|-----------------|-----------------|----------------|------------------|------------------|------------------|
| Revenue | \$ - | \$ 727,300,736 | \$ 1,748,240,263 | \$ 4,254,475,907 | \$ 8,741,201,314 |
| EBITDA | \$ (71,000,000) | \$ 293,829,497 | \$ 709,198,269 | \$ 1,728,710,430 | \$ 3,558,365,398 |
| Adjusted EBITDA | \$ (71,000,000) | \$ 293,829,497 | \$ 709,198,269 | \$ 1,728,710,430 | \$ 3,558,365,398 |
| Net Income | \$ (71,000,000) | \$ 217,433,828 | \$ 524,806,719 | \$ 1,279,245,718 | \$ 2,633,190,395 |
| Adjusted NI | | | | | |

Notes:

All Numbers are Projections

Safe Harbor Statement: In conjunction with the provisions of the Safe Harbor section of the Private Securities Litigation Reform Act of 1995, this document contains certain anticipated projected plans, performance and developments, as well as other statements relating to future operations and results. Any statements in this document that are not forward-looking statements. Written words such as "may," "will," "expect," "believe," "anticipate," "estimate," "intends," "goal," "objective," "seek," "attempt," or variations thereof. These statements by their nature are estimates of future results only and involve substantial risks and uncertainties. There can be no assurance that actual



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