



# **Captive Oxygen Fuel Reactor**

**Buddy Paul  
Captive Oxygen Fuel Reactor  
250 Wet Stone Rd  
Senoia, GA 30276**

## **BUSINESS PLAN** 2022

Plan written and presented by:

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Captive Oxygen Fuel Reactor

# Confidentiality & Non-Disclosure Agreement

The undersigned reader acknowledges that the information provided by Captive Oxygen Fuel Reactor, LLC. in this business plan is confidential; therefore, reader agrees not to disclose it without the prior express written permission of Captive Oxygen Fuel Reactor, LLC.

It is acknowledged by reader that information to be furnished in this numbered copy of the business plan is in all respects confidential in nature, other than information which is in the public domain through other means and that any disclosure or use of same by reader, may cause serious harm or damage to Captive Oxygen Fuel Reactor, LLC. Upon request or if the reader decides to forego investment at this time, this numbered document is to be immediately returned to Don Hawbaker, the Company’s Corporate Attorney and General Counsel, to 1121 Satilla Court, Griffin GA. 30223.

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**This is a business plan. It does not imply an offering of securities.**

## DISCLAIMER

The Company advises you that all the information included in the following Business Plan includes forward looking statements. These statements are based on Management’s beliefs and assumptions, particularly related to certain projected economic results, and upon information currently available to management. Forward looking statements includes the information concerning possible or assumed future results of operations by the Company as set forth in every section of this document. Forward looking statements also includes statements in which we use words such as “projected” or similar expressions indicating an intended but unknown future result. Each party relying upon this document should understand that these constitute Management’s best projections of future results and should not be relied upon as an assurance or warranty of future results in any manner.

# STATEMENT OF PURPOSE

## **Purpose of the Business Plan**

The purpose of this Business Plan is to secure \$2,000,000 in investment funds to launch a proof-of-concept Captive Oxygen Fuel Reactor (COFR).

The COFR has developed a simple, efficient, and cost-effective technology that will enable coal-fired power plants to meet binding international environmental standards put forth in the 1997 Kyoto Protocol and stringent U.S. Environmental Protection Agency Clean Air regulations that threaten coal-fired power generation. This applies to both existing facilities and future construction and all grades of coal, regardless of impurities.

The COFR system:

- Burns coal while capturing all emissions.
- Brings carbon dioxide emissions into environmental standards transforming coal to a green energy that is virtually pollutant free.
- Achieves a 100 % Increase in efficiency, capturing the two-thirds of energy currently lost in heat exhaust at plants (*when properly configured*).

## **Business Model**

COFR will be a manufacturing franchise with exclusive rights to the electrolysis unit on-demand hydrogen and oxygen generation system for use in the COFR.

## **Financial Model**

COFR revenue source will be based on the following:

- Sale of Master Franchises
- Manufacturing, sales, and distribution of COFR systems worldwide
- Power plant royalties
- Electrical Distribution
- Commodity Sales

COFR will sell Master Franchises at the rate of \$1 million per gigawatt of electrical consumption provided by coal.

COFR has negotiated an agreement with *Buddy Paul* for exclusive rights to manufacture the patented electrolysis unit and COFR system for domestic and international sale.

Based on conservative projections COFR will achieve its break-even point upon the sale of its second franchise (based on \$1M average price) projected at the 10 to 11 months of operation.

## **Capital Required & Use of Funds**

Buddy Paul Chairman of Captive Oxygen Fuel Reactor, is seeking funding in the amount of \$2 million to fund this business venture. The amount is sufficient to cover the costs of building a prototype (\$1million), initial manufacturing, marketing, and franchises, first year salaries (\$1million), and other start-up costs.

## Summary

The oppressive regulatory environment ushered in by the Kyoto Protocol and environmental standards in the U.S. that threaten coal-fired power generation offers an *unprecedented opportunity* for on-demand hydrogen technology. The COFR offers a “*right now*” solution for making coal-fired power plants not only compliant with the stringent EPA regulations, but can even transform these power plants to a “zero” carbon footprint at a fraction of the cost of retrofitting older coal-fired plants with carbon controls and/or replacing them with gas-powered plants. In addition, the COFR will save billions of dollars in capital expenses by extending the service life of legacy coal-fired plants without major modifications while meeting EPA standards.

The COFR is poised to transform the global energy landscape by enabling coal to be burned at high levels of efficiency with negligible environmental impact.

***So we can breath a little easier.***





# Lockheed 2003 Inventor of the Year



Dale Bennett awards  
Buddy Paul with  
"Inventor of the Year."



## Buddy R. Paul

*For creation of innovative and cost effective design solutions to meet the ever-evolving and challenging the Theater high Altitude Area Defense canister design requirements. As a result of Buddy's efforts, several patents were filed, which included inventions such as the "Launcher Closure with Bearing Retainer and Pressure Pulse Operation" and "Passive Dynamically Disconnecting Arm." Buddy's timely innovations were key to the successful completion of the canister Preliminary Design Review.*

Mr. Buddy Paul is an accomplished engineer with nearly 40 years of experience in the space and aerospace industry. Serving as a Senior Engineer with some of the industry's top defense contractors, he has been a leader in technical innovation with over 10 classified and unclassified industry patents crucial to the success of the U.S. space program and missile defense system. Buddy was recipient of Lockheed Martin's coveted "Inventor of the Year Award" in 2003 for his development of a ground-breaking, patented design for blow-out valves fused in advanced rocket systems. After his retirement from Lockheed Martin, Buddy has focused his efforts on advancing on-demand hydrogen technology; developing a multitude of innovative devices to generate and apply hydrogen technology. Buddy has over seven patents or provisional patents related to hydrogen and is the sole inventor of the electrolysis unit and COFR. Buddy is currently leading the engineering effort for fielding the COFR system, as well as research and development for new designs.