CREATING AND DELIVERING
THE USE FOR
YOUR FLARE



### ILLUMINATING THE PATH TO

# **ZERO FLARE EMISSIONS**

Transforming Waste to Energy. Sustainable Energy Projects





## $\mathit{IRC}$ Model:

From design to operations, we are committed to greener solutions by our offerings. With ARC, eliminate flaring and excessive capital expenditure, all in one go.





### **CNG**

- Convert processed flare gas into CNG.
- ARC standard flare catcher and CNG systems.
- CNG transported to sites where power is needed in field.
- CNG can be transported to near by communities for power.
- Implement CNG and solar as a transition energy project.

### **POWER**

- Capture and use flare gases for electricity generation.
- Power your facilities and lower your energy cost.
- Power communities nearby.
- Reduce grid dependence or produce power to grid.



## **GAS TO LIQUIDS**

- Convert processed flare gas into gasoline (87 Octane).
- Convert NGLs captured into LPG for local consumption.
- @ Generate diesel, naphtha, and lubricants from flare gas.
- Supply communities with locally produced products from their natural resources.

- Convert processed flare gas into LNG.
- ARC Energy has partnerships for handling micro LNG systems.
- LNG easily transported to local communities for power.
- LNG transported to mines, trucking divisions, and other consumers.
- Extend natural gas use with LNG in remote areas.



### **PIPELINE**

- Condition captured flare gases for reintegration into the
- Capture flare gas and strip liquids and reinject gas into formations.
- Pipeline captured and processed gas to nearby power
- Reintroduce valuable natural gas into the market.



### YDROGEN

- Convert processed flare gas into hydrogen.
- Use hydrogen for fuel cells.
- Work with local companies for hydrogen use and distribution.
- Introduce valuable hydrogen into local markets.
- @ Enable organizations to ride the wave of hydrogen's growing popularity.

