

Case Study

GFR Media CHP - Beyond Resiliency



GRUPO
FERRÉ RANGEL

100 Years of
Family Entrepreneurship

100+
YEARS

07
INDUSTRIES

A Journey of Growth
and Social Empowerment
that Transcends One Family.



Iron



Concrete



Newspaper



Printing



Media



Real Estate



Customer
Engagement



One Challenge.





Primera Hora

165

24

24

24

165

165





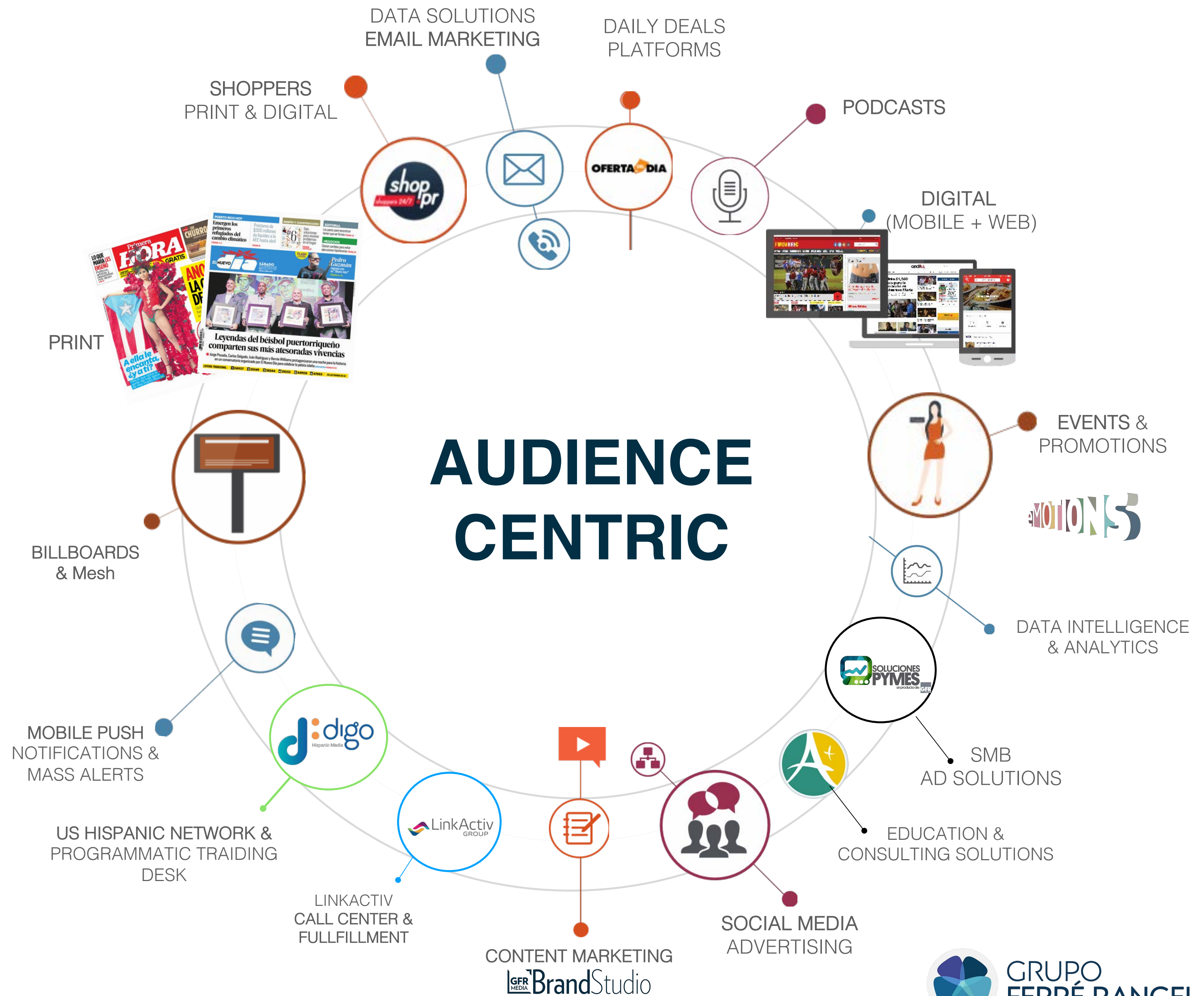
Beyond Resiliency



REACH

1.8 MILLION
ADULTS 18+

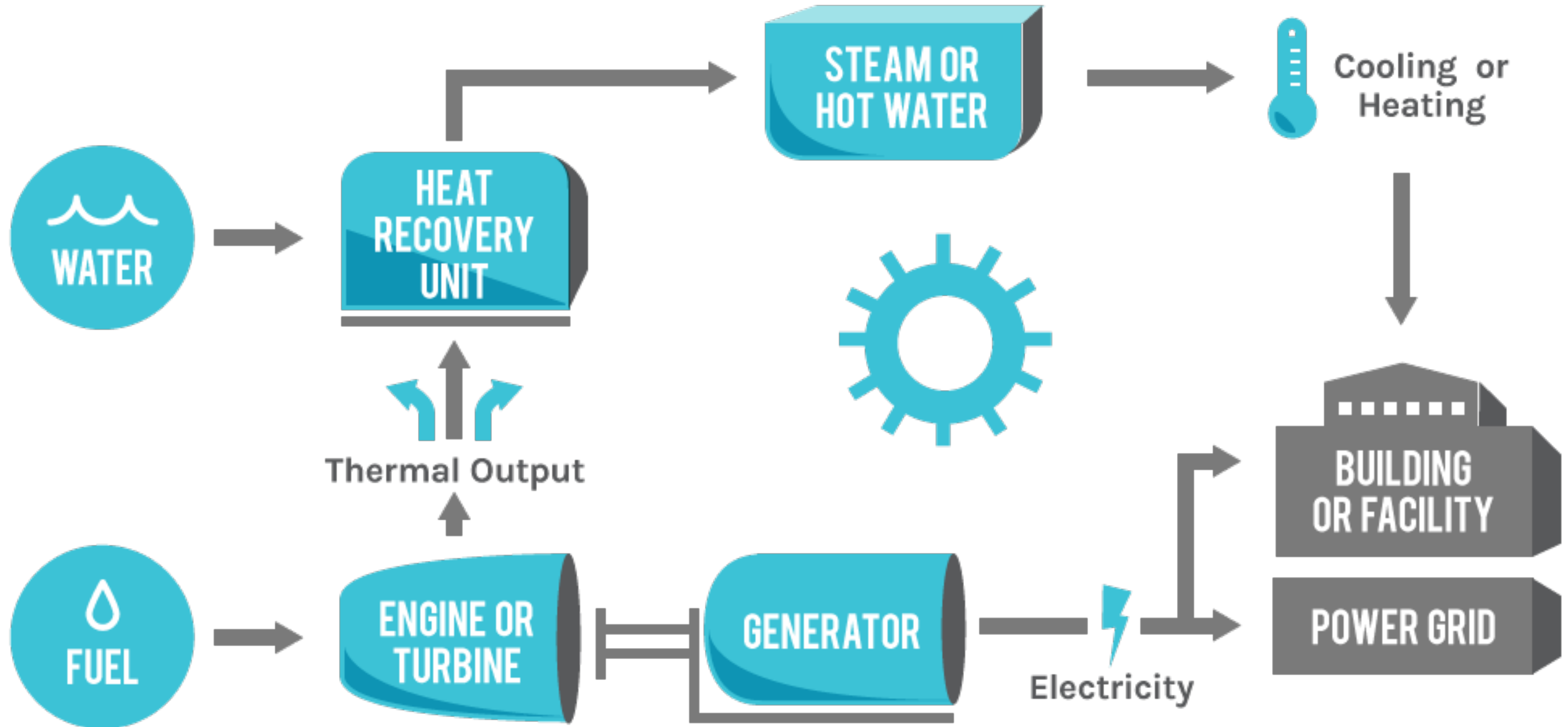
GFR Media owns the two largest daily newspapers in Puerto Rico (*El Nuevo Día* & *Primera Hora*).





One Solution.

Combined Heat and Power



Goals

Reduce
Energy
Cost

- Improve overall utility cost efficiency by reducing the primary utility cost

Cleaner
Energy
Source

- 30% less CO₂ emissions than Bunker Oil
- 50% less CO₂ than Coal

Resiliency

- Triple Redundancy
- CHP + Emergency Generators

Improve
Power
Quality

- Less voltage fluctuations

Conditions

Energy Cost

- 20 cents per kwhr *

Energy Consumption

- 15.2 MM Kwhr annually

Our CHP Project – The efficiency worth the investment



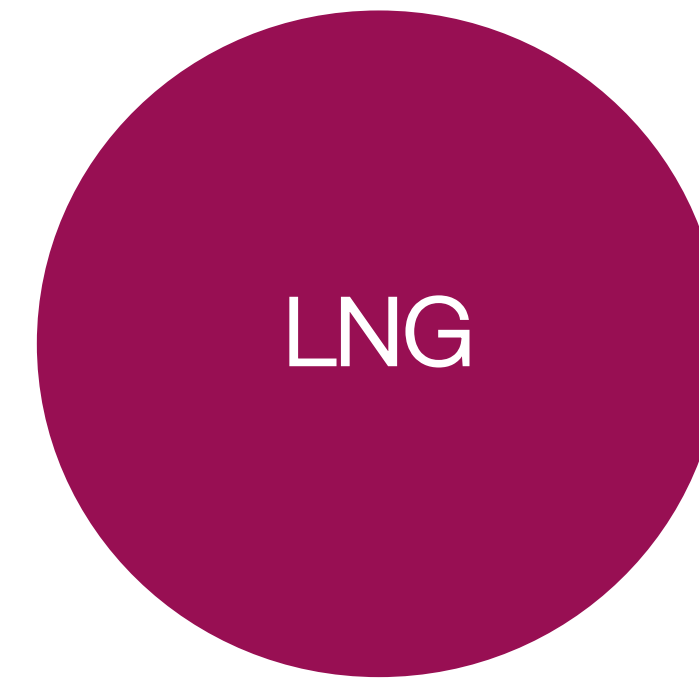
- Current load fluctuates between 1.3M and 3.6M
- Energy Consumption Projection



- Flexibility
- Noise Cancellation



- Expertise and Performance Guarantee



- Cleaner source of energy
- Cost
- Engine Efficiency







Absorption Chiller

The Results

Reduce Energy Cost

- 30% Reduction in Total Energy Bill
- 9 to 10 cents per kwhr

Cleaner Energy Source

- 30% less CO₂ emissions than Bunker Oil
- 50% less CO₂ than Coal

Resiliency

- Triple Redundancy
- CHP + Emergency Generators
- 84% of Building Electricity comes from CHP

Improve Power Quality

- Less voltage fluctuations = Less electronic equipment loss



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100 Years of
Family Entrepreneurship

A mission-driven, fourth-generation diversified family office, leading Puerto Rico and the global communities in which it operates to a sustainable and prosperous future.



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