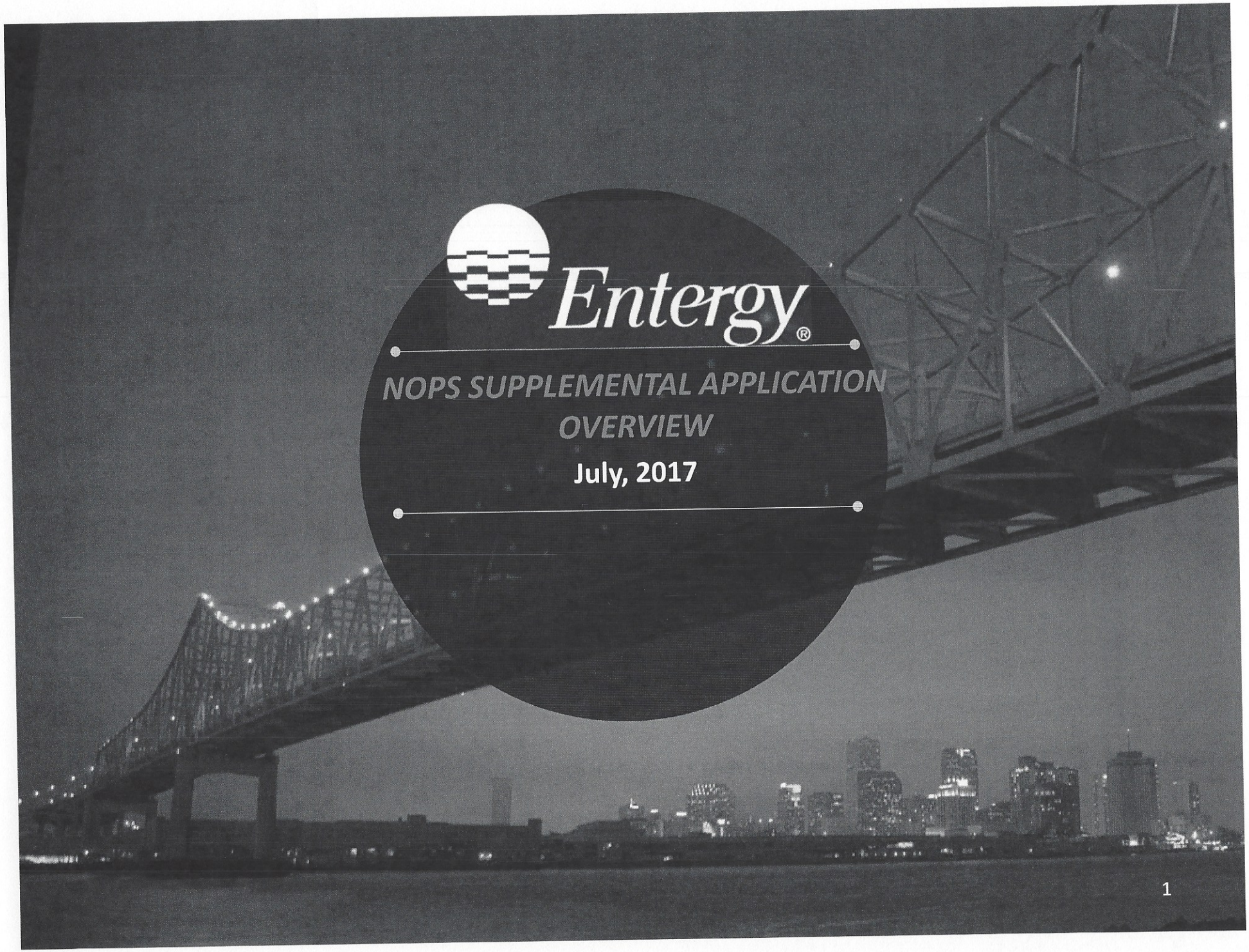
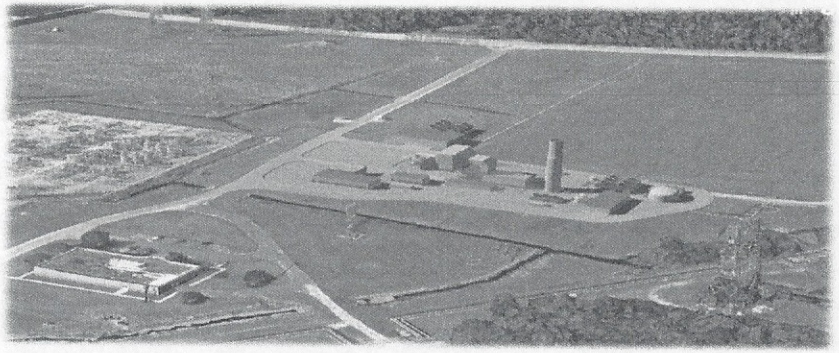

Entergy®
NOPS SUPPLEMENTAL APPLICATION
OVERVIEW
July, 2017

NOPS = Original CT or Alternative Peaker

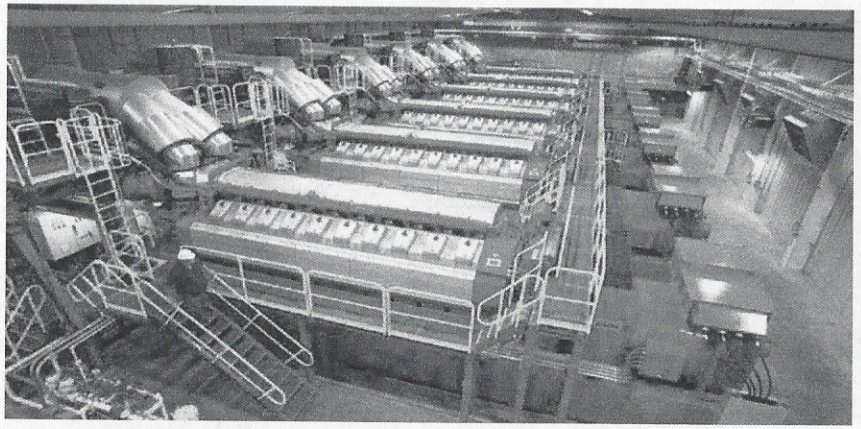
NOPS will consist of either a combustion turbine ("CT") resource with a summer capacity of 226 megawatts ("MW")

- Most economic resource
- Meets long-term planning needs
- Increased reliability
- 90% reduction in groundwater use
- Low emissions profile



Or alternatively, seven Wärtsilä 18V50SG Reciprocating Internal Combustion Engine ("RICE") Generator sets ("Alternative Peaker").

- Very low water usage
- Low emissions profile
- Support renewable resources
- black-start capability
- Mitigate cascading outages



Reliability = Keeping the Lights On

- Risk of cascading outages in the City of New Orleans

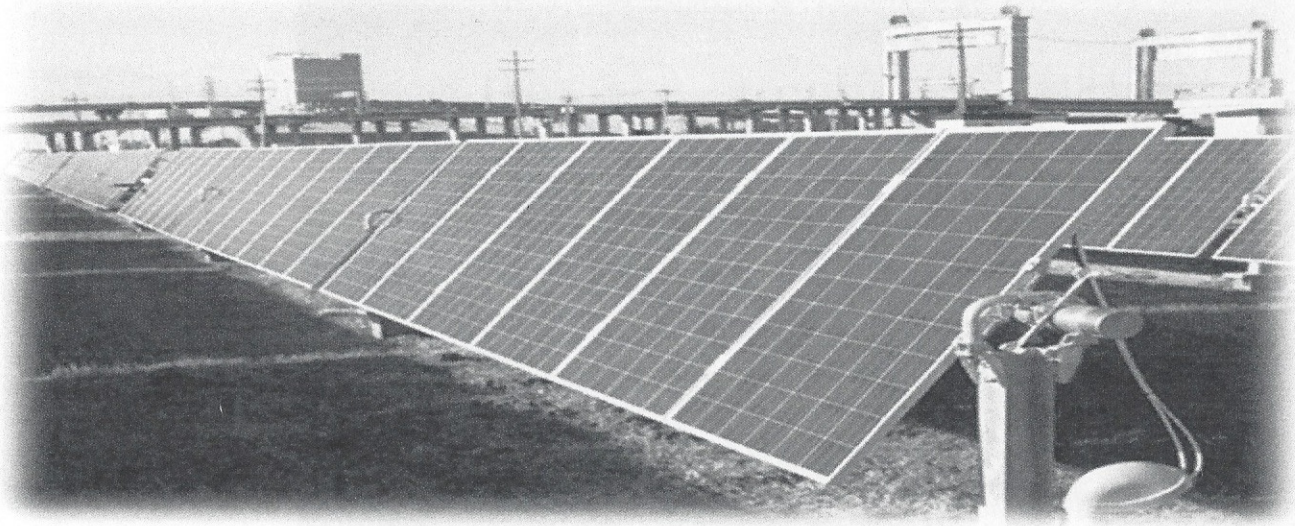
Legend:

Primary overload

Secondary overload

Region of anticipated load shed

Renewable Land-Use



- 1 MW solar plant built along the east New Orleans industrial corridor uses 10 acres of land.

- To receive an equal amount of capacity credit as the smaller Alternative Peaker, the Company would need to install 254 MW of solar capacity, which would use approximately 2500 acres, which is approximately the equivalent of two city parks.