



LINE Commission Meeting

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Co-founder and COO



WHAT COULD YOU DO WITH

RELIABLE, AFFORDABLE, CARBON-FREE ENERGY?

ABOUT OKLO

Developing small advanced reactor systems – often referred to as microreactors

Affordable and reliable, 24/7 carbon-free power

Flexible siting

Minimal water resources required

Inherently simple and robust

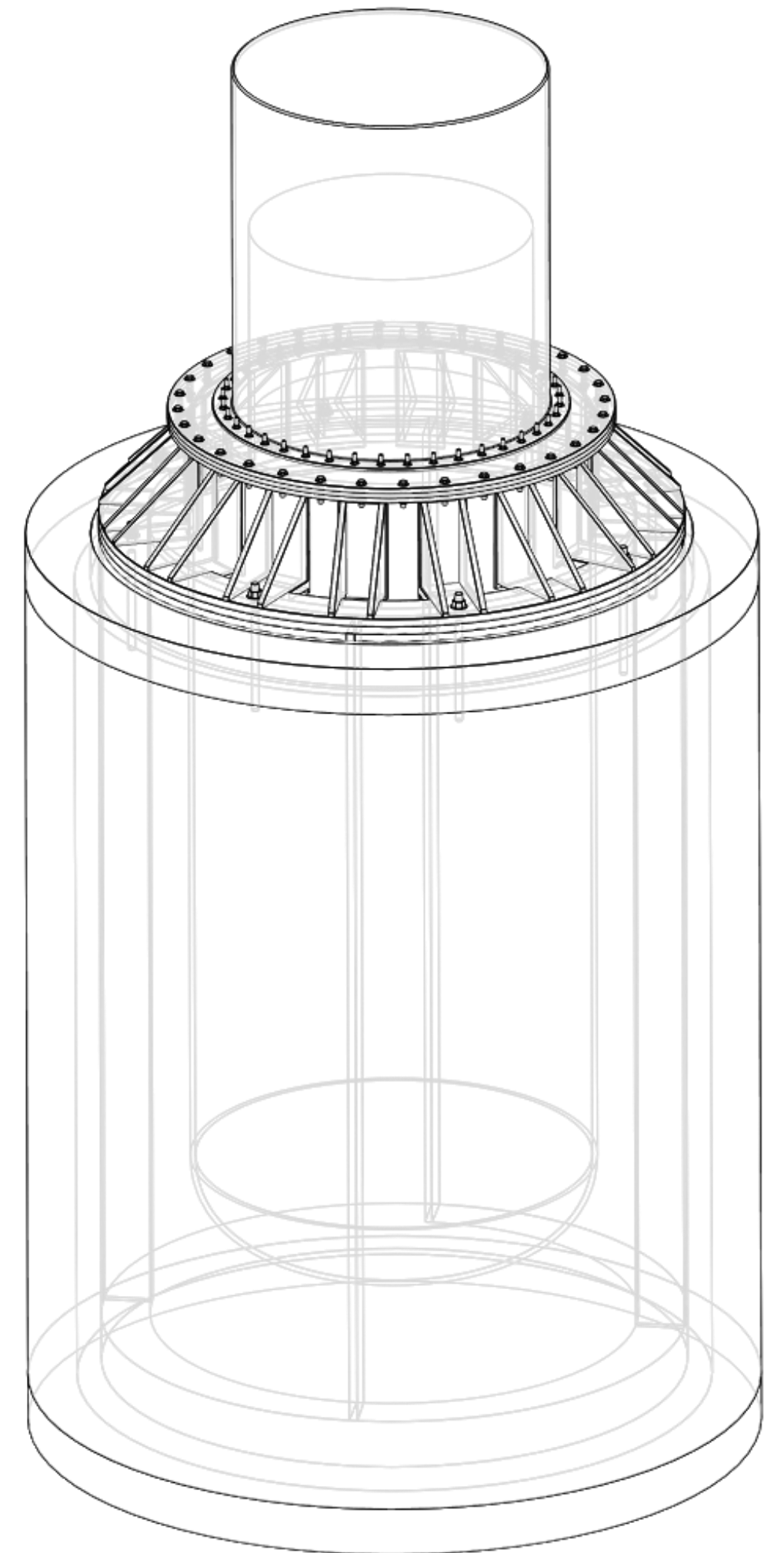
Designed for performance

Submitted first combined license application for an advanced reactor



THE AURORA

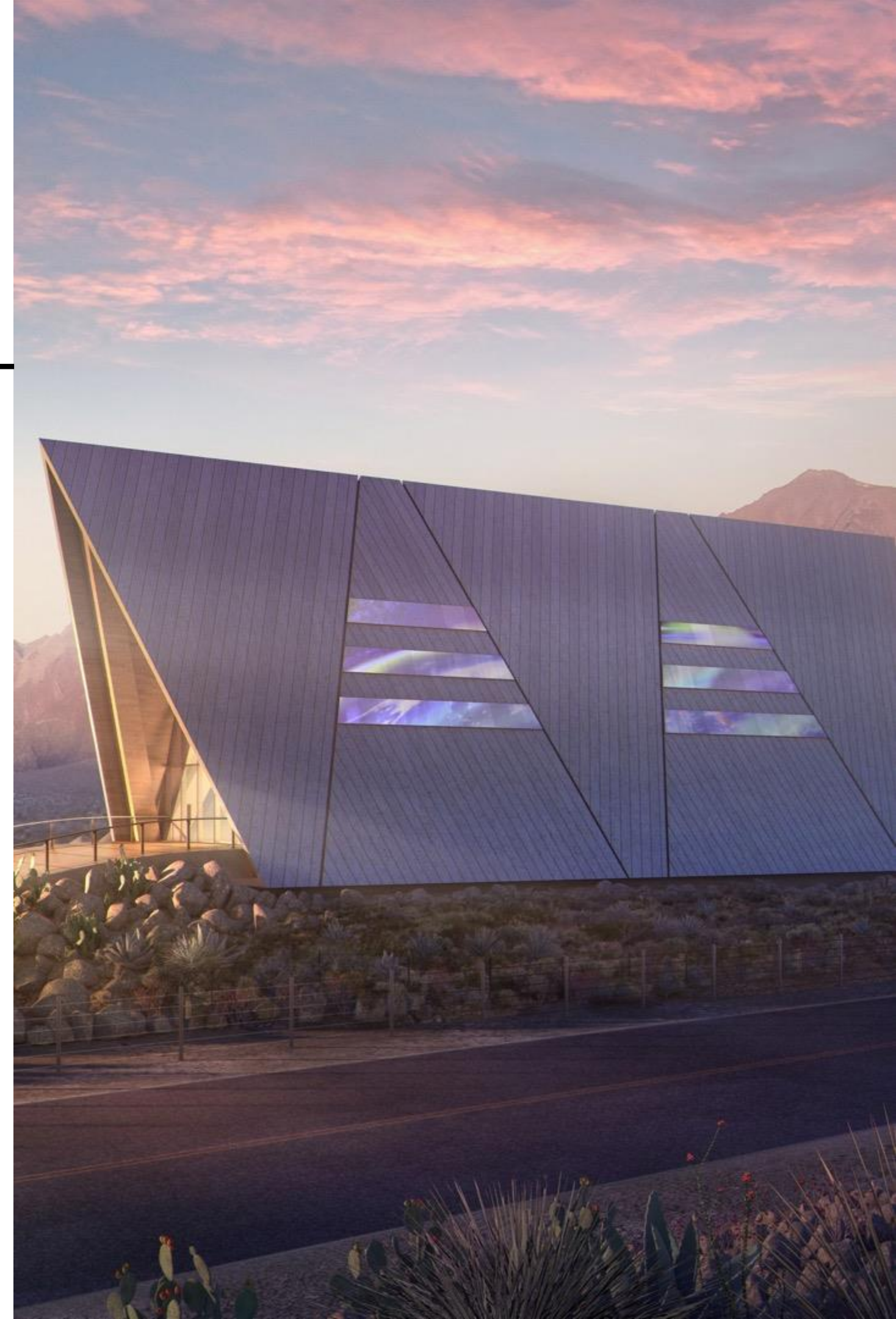
| | |
|-------------------------|-------------------------------|
| Electric capacity | Up to 15 MWe |
| Thermal capacity | 40 MWt |
| Temp of usable heat | 500-550 C |
| Capacity factor | >90% |
| Licensed operating life | 20 + years |
| Frequency of refueling | Once every 10-20 years |
| Land footprint | <1 acre |



FISSION AS A SERVICE

Oklo owns the development, licensing, financing and operations of the powerhouses to simplify deployment

Customers can simply buy electricity and/or heat





2017
Fabricated
metallic fuel
prototypes

2018
Submitted
pilot license
application

2018
Conducted
thermal
testing

EARLY 2020s
Commercialize and
deploy a suite of
Oklo powerhouses

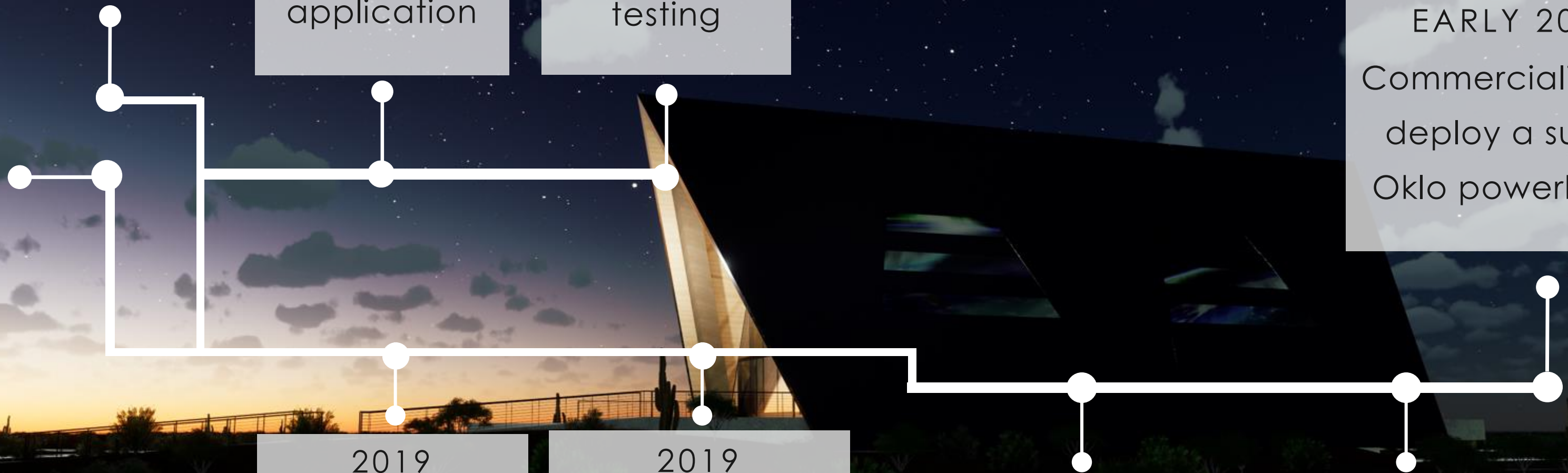
2016
Began formal
pre-application
work with the U.S.
Nuclear
Regulatory
Commission

2019
Granted a site
use permit
from the
Department of
Energy

2019
Awarded
recovered used
fuel to
demonstrate the
reuse of fuel
material

2020
Pioneered and
submitted a
modernized
combined license
application

2020
Combined
license
application
accepted for
review



OKLO'S DEPLOYMENT TIMELINE

2022-2023

The first Oklo reactor design is expected to receive license approval in late 2022

2023-2024

Construction and operation begins

2024-2025

Construction and operations commence at other sites

10-20 years

Operating life on a single fuel load of fuel

