



AFFRE

AMERICA'S FIRST FRIENDLY RARE EARTH

PEOPLE ★ RESOURCES ★ INNOVATION ★ A STRONGER TOMORROW

AFFRE PUBLICATIONS TEXAS FIRST

STRONGER
TEXAS
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AMERICA

HOUSTON | TEXAS

Texas First: A Framework for Building America's Next Rare Earth Industrial Capability

How disciplined evaluation, engineering, scientific integrity and responsible stewardship can move a strategic opportunity from resource potential to durable American capability.

THE DECISION BEFORE SCALE

Begin with structured evaluation, not a predetermined commitment.

A CAPABILITY, NOT A FACILITY

Connect processing, separation, refining, qualification, manufacturing and delivery.

HOUSTON AS AN ENGINEERING PLATFORM

Evaluate how existing process, fabrication, logistics and project-execution strengths can support a new capability.

STEWARDSHIP BY DESIGN

Build water, material handling, monitoring and environmental performance into process design.

GOVERNANCE THAT CAN SAY STOP

Use measurable deliverables, independent review and decision gates that can advance, revise, pause or terminate.

THE AMERICAN PURPOSE

Texas First is a starting framework; stronger domestic industrial capability is the broader objective.

THE EVIDENCE GATES

1

DEFINE

Scope, feedstocks, targets and baselines.

2

VALIDATE

Test process, water, waste, reliability and cost.

3

REVIEW

Independent technical and commercial scrutiny.

4

DECIDE

Advance, revise, pause or stop.

5

SCALE

Expand only when evidence supports it.

**PROTECT.
PROVE. SCALE.**



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AMERICA'S FIRST FRIENDLY RARE EARTH



ENGINEERING
EXCELLENCE



SCIENTIFIC
INTEGRITY



RESPONSIBLE
STEWARDSHIP



LONG-TERM
THINKING



RESPECTFUL
DIALOGUE