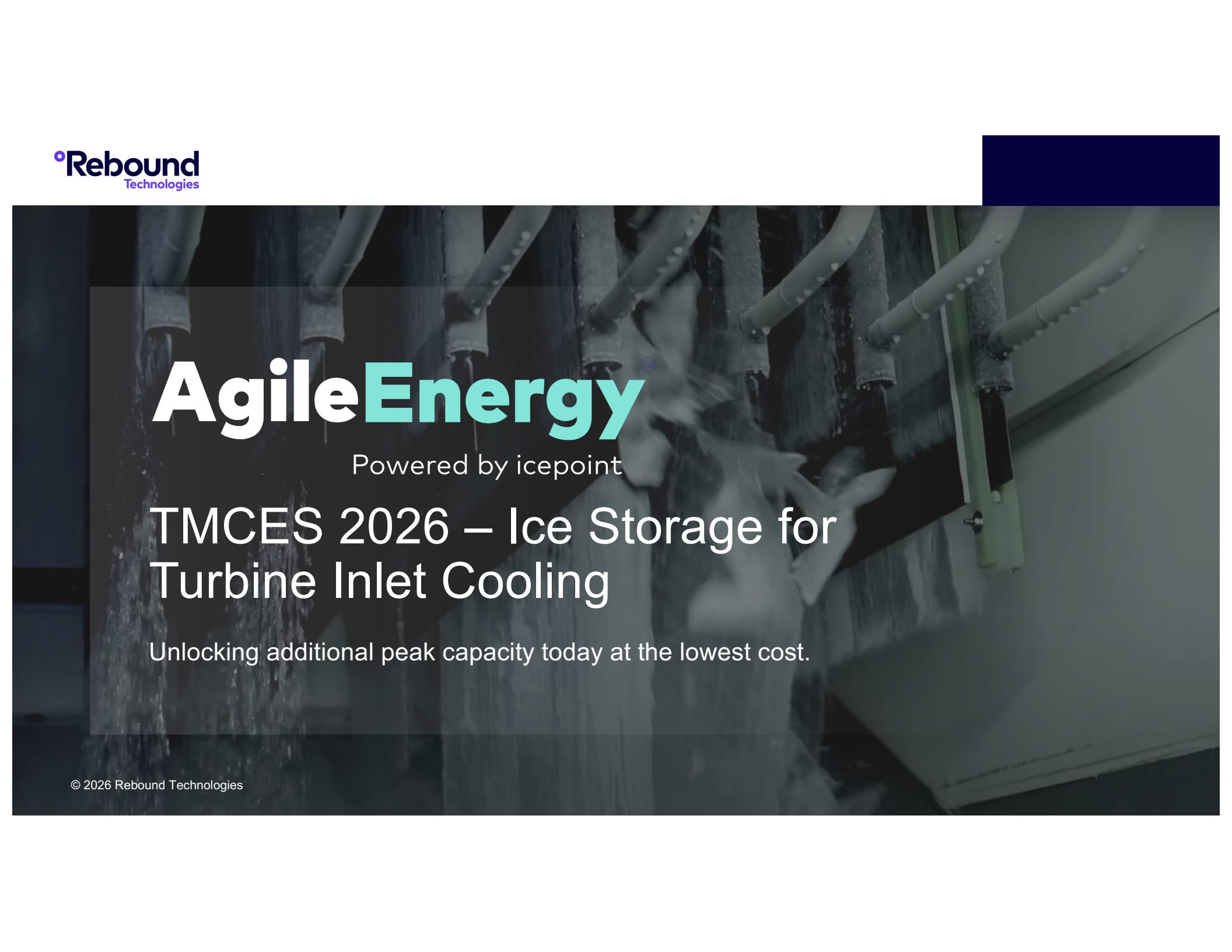




AgileEnergyTM

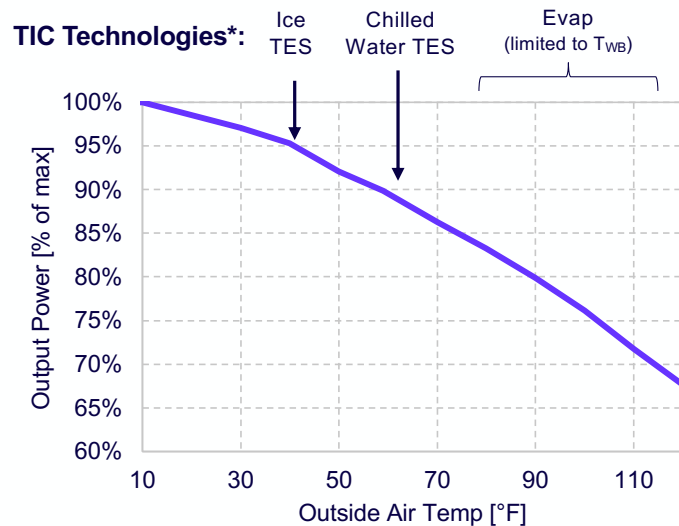
Powered by icepoint

TMCES 2026 – Ice Storage for Turbine Inlet Cooling

Unlocking additional peak capacity today at the lowest cost.

TURBINE INLET COOLING

Gas turbines offer high-density, low first-cost, firm access to power but suffer from significant loss of power when ambient temperatures rise.



*Wet compression not shown as it is an intercooling technology compatible with any inlet cooling technology.

>20%

Power Boost possible

15-20% IRR

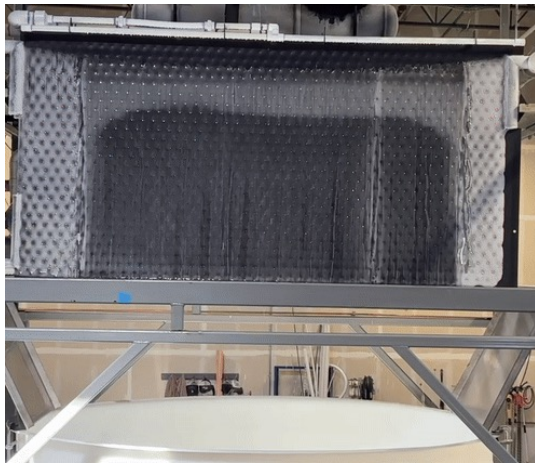
Return on scarcity pricing storage in ERCOT market

\$600-800/kW

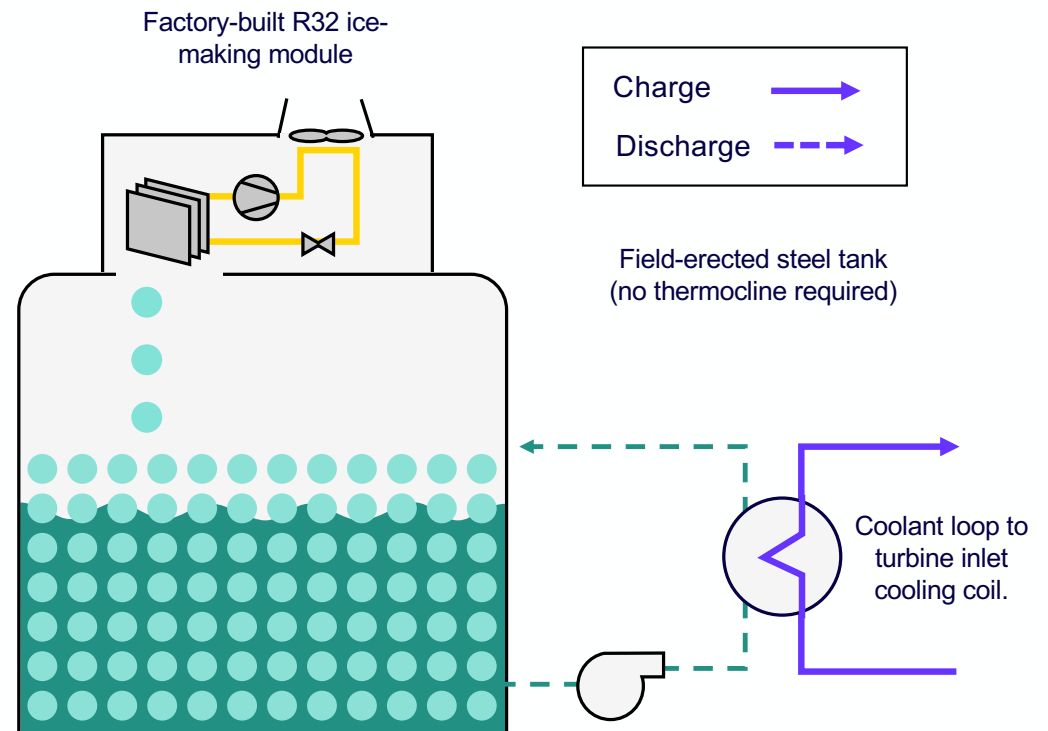
Cost of additional delivered peak power. Current turbine >\$2500/kW with 4 yr lead-times.

ICE BASED AEX THERMAL STORAGE SYSTEM

Breakthrough ice maker generates ice 10X faster by growing thin ice and harvesting it 20X faster than incumbent plate ice makers.



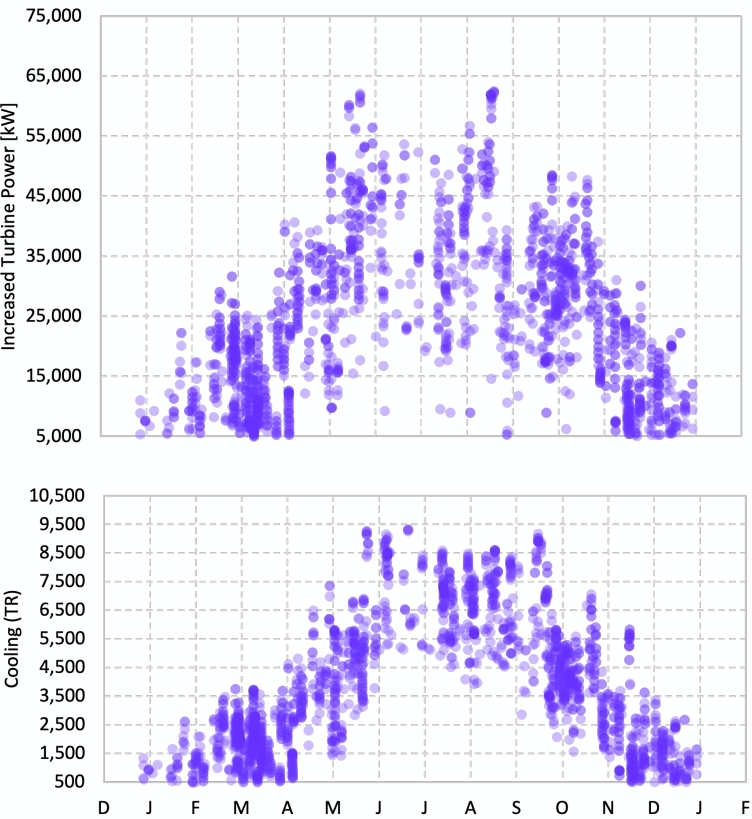
Real-time harvest. Emulsion stops, refrigerant continues to flow, ice pulls away and falls off.



ECTOR PLANT, ODESSA TX

Scarcity Pricing Controls for ONE GE F turbine
 Target inlet temp of 40°F
 Odessa weather and RN ECEC HOLT node price

	System Specs
Ice making power	500TR
Storage capacity	39,000TRh
Tank size	1MM gal
Peak discharge power	9,300TR
Peak power boost	60MW
Cost	\$13MM (before tax credits)
Cost per of power	\$600/kW (typical summer day)
NPV	\$13.5MM
IRR	16%
Simple Payback	5.6yr
20yr water savings (vs fogger or evap cooled chiller)	30MM gal



SITE-BUILT TANK INTEGRATION

	System Specs
Tank diameter	70ft
Tank height	40ft
Tank construction	Epoxy coated steel
# of ice makers per tank	2
Pumphouse	Integrated
Compatible with wet-compression?	Yes, boost is additive
Expandable?	Yes, integration with both turbines to maximize scarcity price harvesting.



Odessa TX