



ThermKool™ — Utility-Facing Overview

The Grid Challenge

Extreme heat events are driving unprecedented peak electrical demand due to air-conditioning loads. Peak cooling demand is costly, difficult to serve, and increasingly threatens grid reliability.

ThermKool™ Solution

ThermKool™ is a retrofit, parallel load-reduction module designed to reduce peak electrical demand from conventional air-conditioning and chiller systems during high-heat periods.

Utility Value

- Reduces peak kW demand without customer behavior change
- Operates during peak solar/heat coincidence
- Defers infrastructure upgrades
- Improves grid resilience during heat waves
- Compatible with demand-response and non-wires alternatives
-

Deployment Model

ThermKool™ integrates with existing HVAC assets and can be deployed through utility programs, ESCOs, or performance-based incentives.