



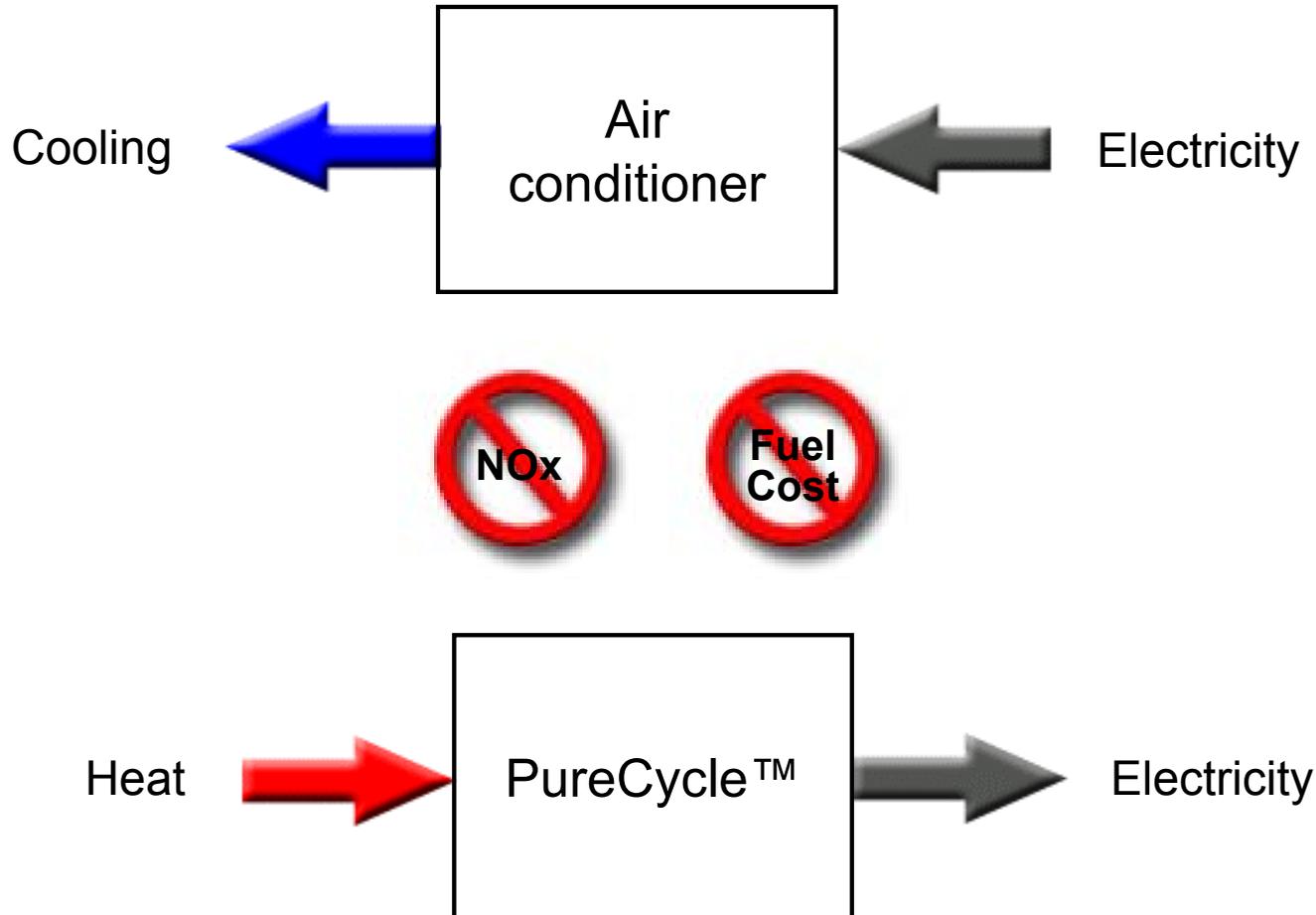
UTC Power

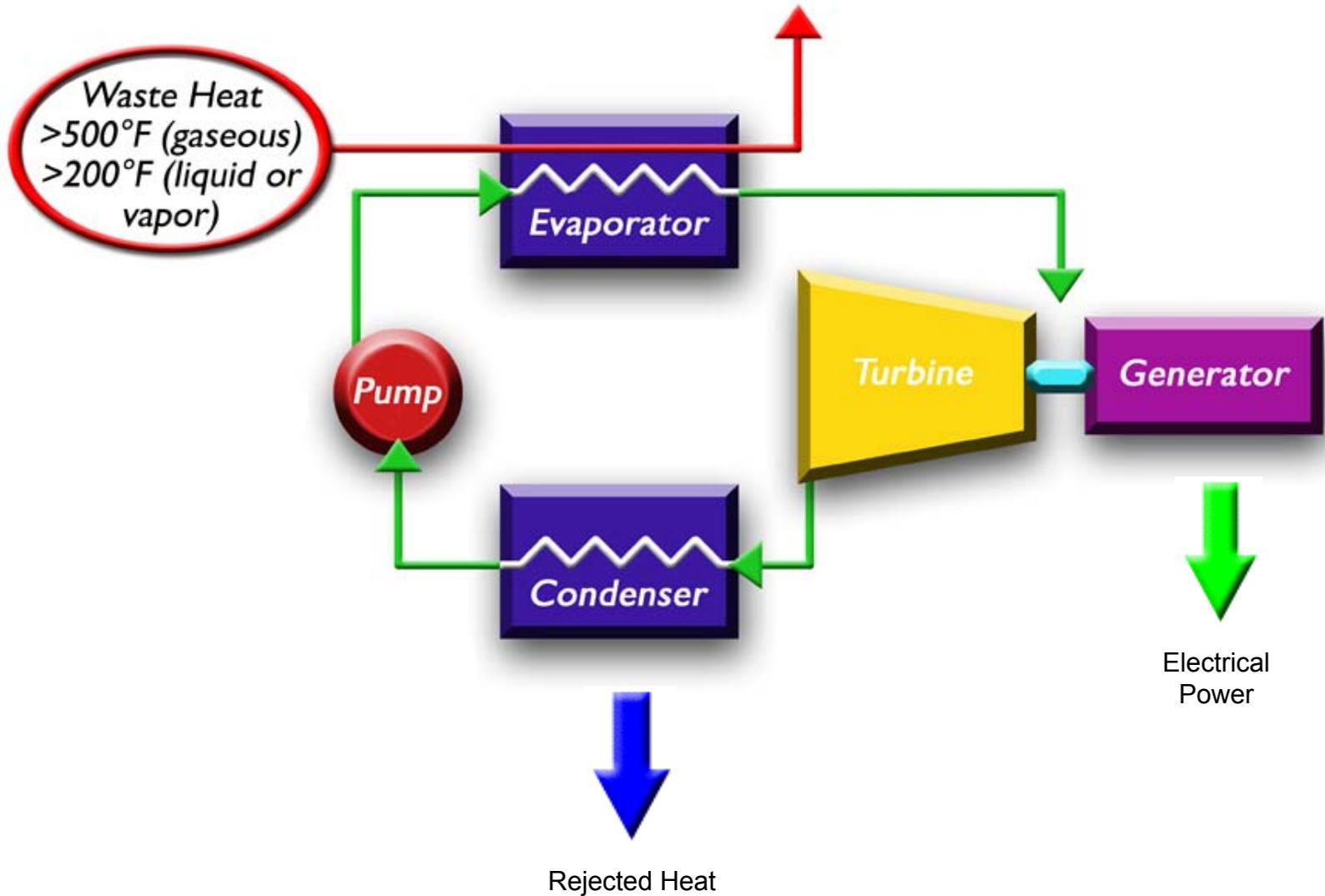
A United Technologies Company

PURECYCLE™ 200 POWER SYSTEM

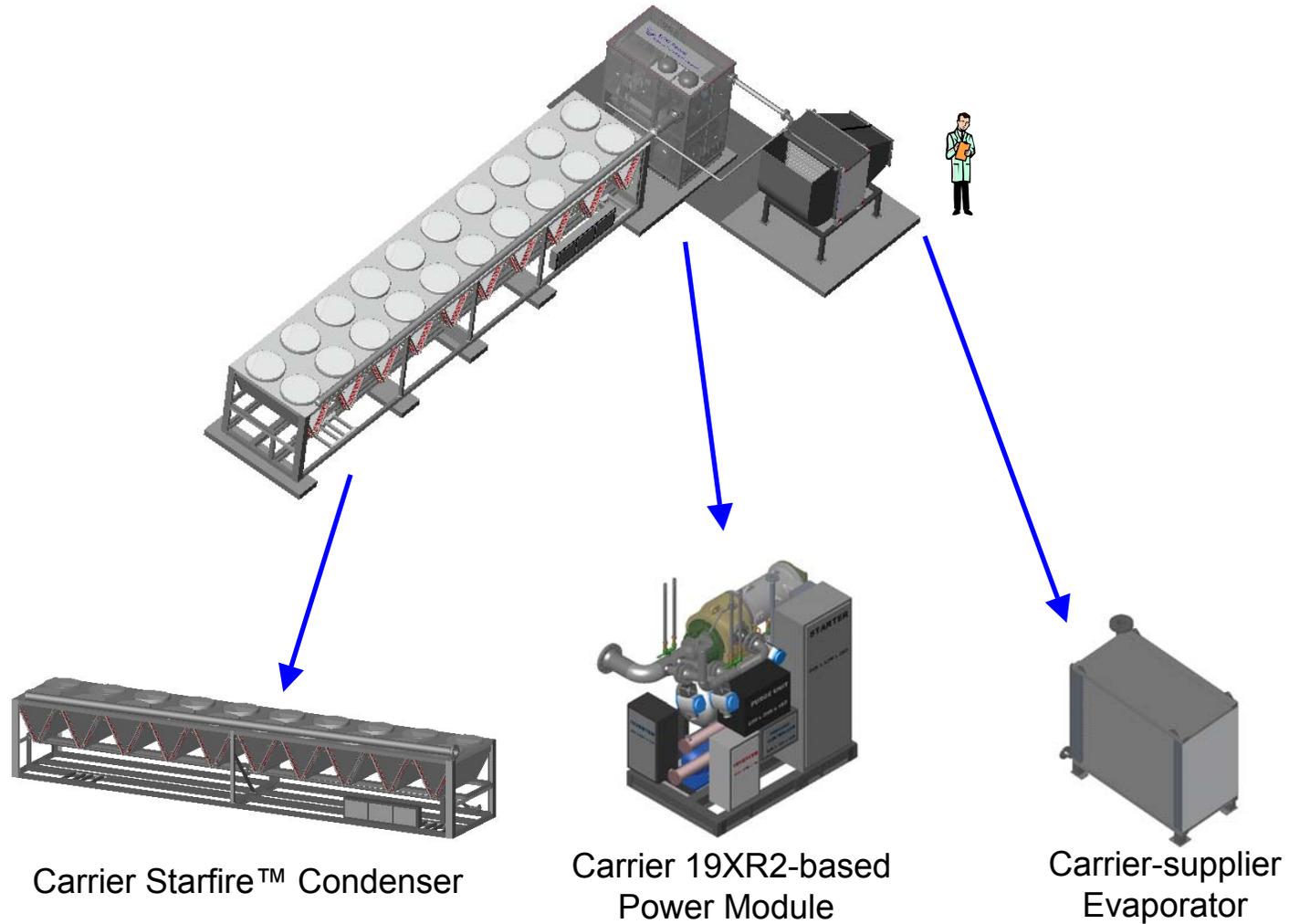
- ◆ Convert waste heat to electricity
- ◆ Zero emissions
- ◆ Non-toxic and non-flammable working fluid
- ◆ Sized for distributed power engine/turbine and industrial waste heat markets
- ◆ Leverage mature UTC technology
 - Minimum technical risk
 - Carrier chiller experience
- ◆ Suitable for outdoor service
- ◆ Reliable, low maintenance, simple installation

PureCycle™ “reverses” air conditioning cycle





Use of modular Carrier components



Module dimensions and weights

Description	Dimensions	Weights
Power Module	6' x 8' x 10'	12,000 lbs
Condenser	8' x 40' x 8'	10,000 lbs
Evaporator	5' x 5' x 5' (est)	4,000 lbs

PureCycle™ 200 Installation

200 kW unit currently running at UTC



Field Trial – Landfill Engines

**US Energy / BioGas
Danville, IL (Landfill)
3 x J320 Jenbacher Engines**

Commercial agreement secured June 2003

Scope

US Energy

Secures permits and approvals

Provides on-site technician support

UTC Power provides turn-key installation via Carrier Service

St. Louis Center

Buyout at the end of field trial period includes both equipment cost and installation

Start-Up January 2004



Field Trial – Landfill Flare

Austin Energy
Austin, TX (Landfill)
Open Flare

Commercial agreement secured June 2003

Scope

Austin Energy

- Secures permits and approvals

- Installation of PureCycle system and interconnection

UTC Power

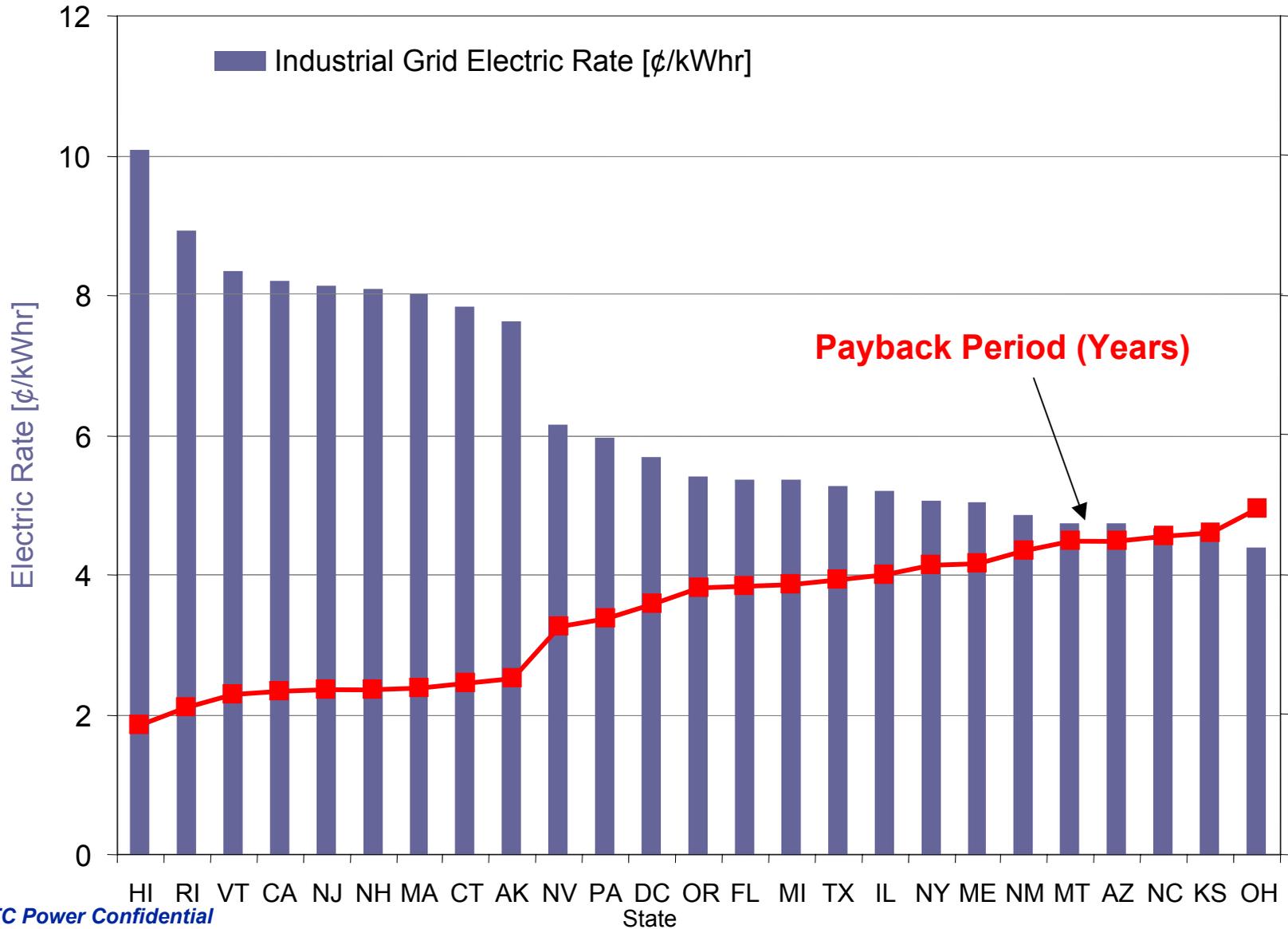
- Installation design through SCS

- Provides equipment for field trial period

Start-Up January 2004

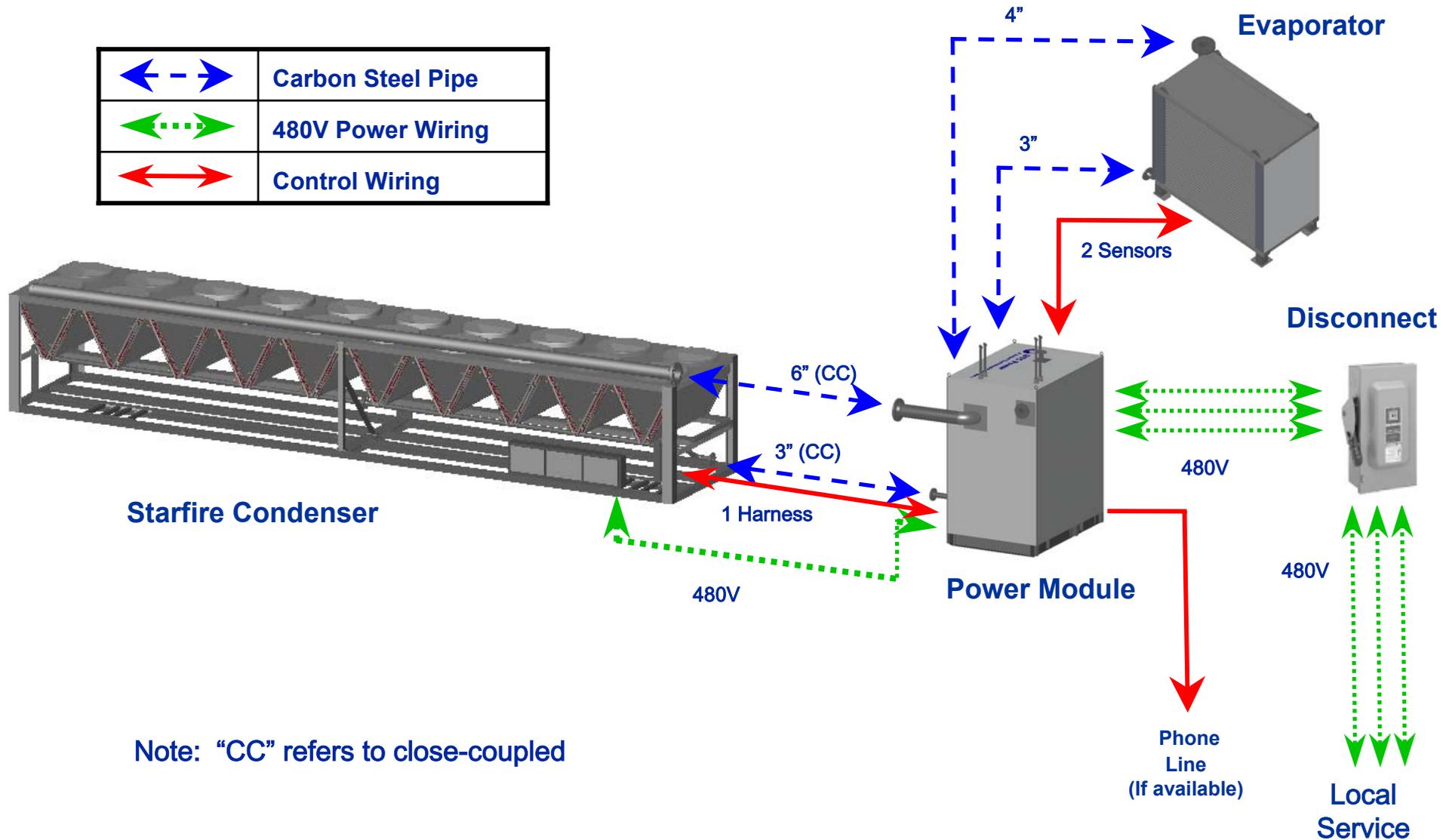


Competitive Payback



PureCycle™ 200 Installation

	Carbon Steel Pipe
	480V Power Wiring
	Control Wiring



Note: "CC" refers to close-coupled

Carrier USA Service Capability



**Carrier USA – 100 offices
nationwide, 1000 professionals,
Local and National Parts Inventory**



United Technologies