



Learnings and Outlook for the Future

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President



UTC Power

A United Technologies Company

United Technologies Corporation



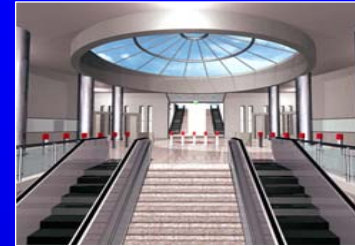
**UTC
Fire & Security**



**Pratt &
Whitney**



Carrier



Otis



Sikorsky



Hamilton Sundstrand



Research Center



UTC Power

\$42.7 B annual revenue

UTC Power - Markets

On-Site Power Solutions



Transportation Fuel Cells



Transportation Fuel Cell Experience

Automotive



Public transportation



Prior Bus Learnings



2005

2004

EMT Madrid, ATM Torino

12 m Irisbus

60 kW S300 PEM

Hydrogen

FC/battery hybrid

2002

California transit agencies

9 m Thor "Thunder Power" Bus

60 kW S300 PEM

Hydrogen

FC/battery hybrid

1998

Georgetown University

12 m NOVA Bus

100 kW Phosphoric Acid

Methanol

FC/battery hybrid



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UTC Power Current Bus Offering

- Hybrid electric configuration
- High efficiency (2-3x diesel bus)
- Near-ambient pressure fuel cell system
- Regenerative braking
- Quiet operation
- >480 km range
- Zero emissions



Global Product Line

Current Partners



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North America



Source: AC Transit

Europe



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Advanced Fuel Cell Bus Configuration



**Electric
drive motor**



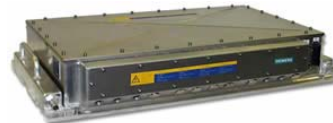
Batteries



Hydrogen tanks



**PureMotion™ 120
Fuel Cell Power System**



Inverter

**Auxiliaries
(lights, HVAC,
etc.)**

ISE ThunderVolt® Fuel Cell Hybrid Drive System

Photo credit VanHool, Dynetek, ISE



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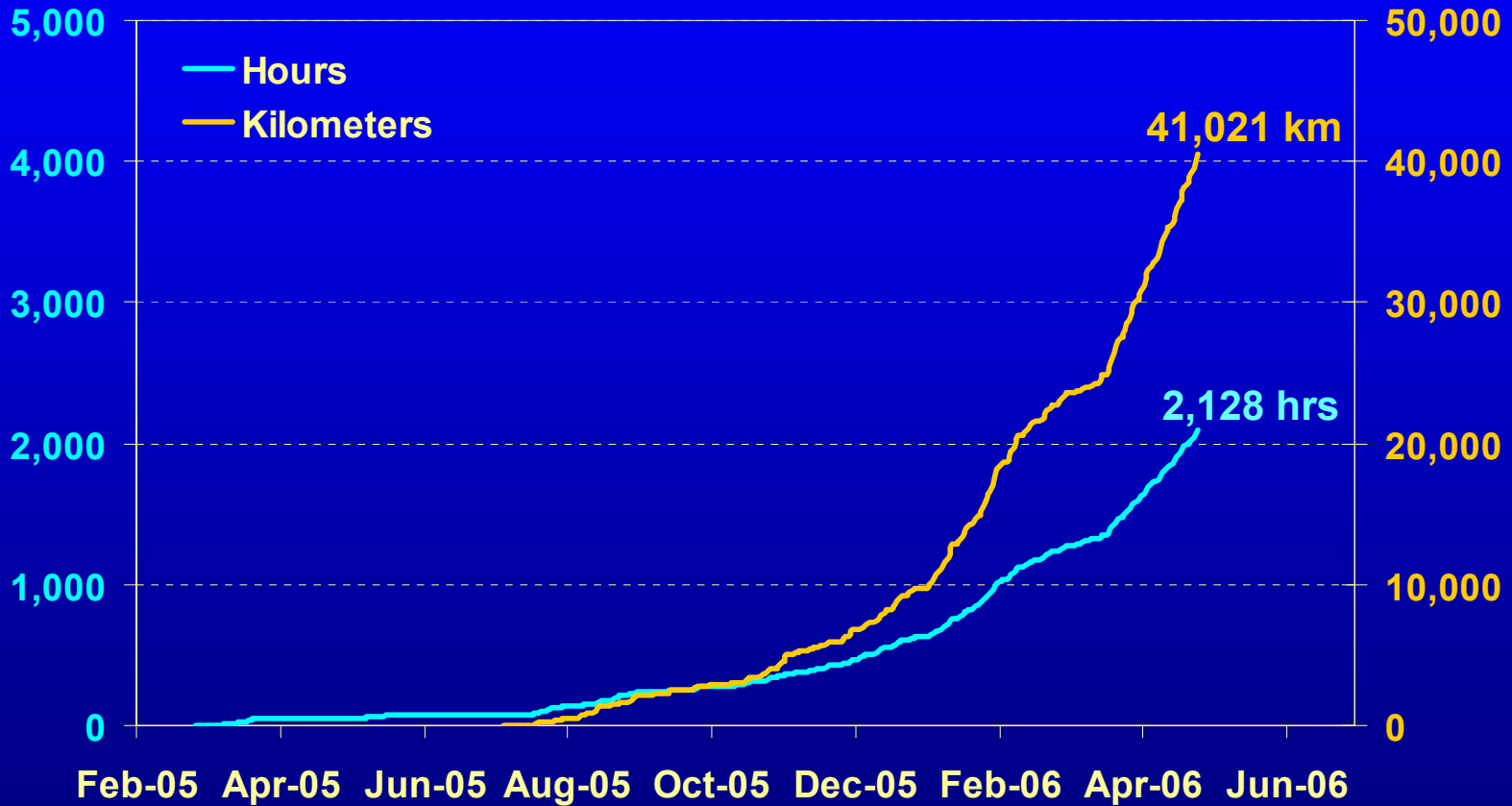
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PureMotion™ 120 Fuel Cell System

- 120 kW
- Compressor-free design
- Modular
- Self-contained
- Simplified interfaces
- Ease of maintenance
- Durable



PureMotion™ 120 Fuel Cell System Fleet Status

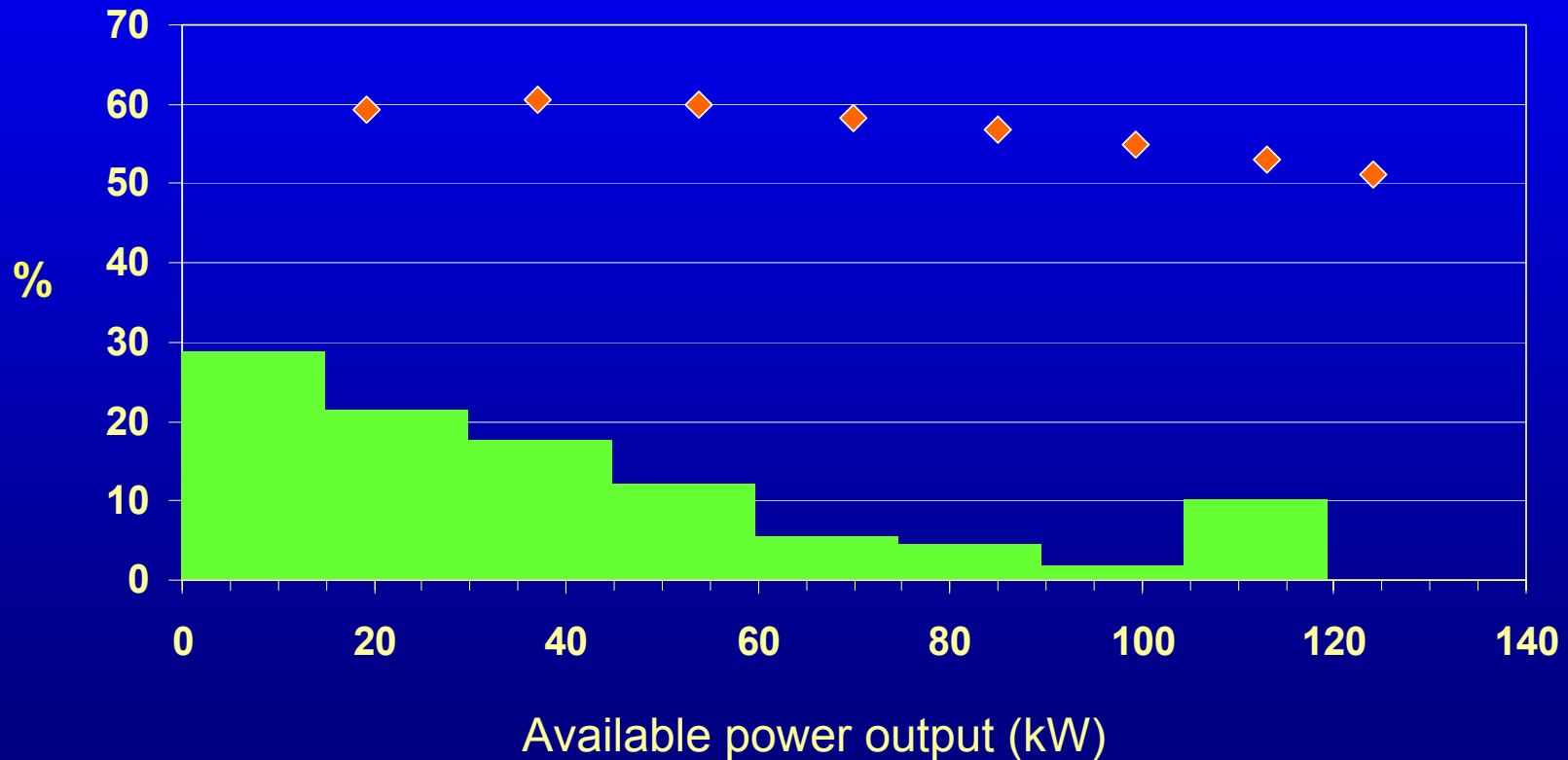


(cumulative data as of April 27, 2006)

PureMotion™ 120 Fuel Cell System Efficiency

power plant net efficiency (%)

frequency of power demand while in service (%)



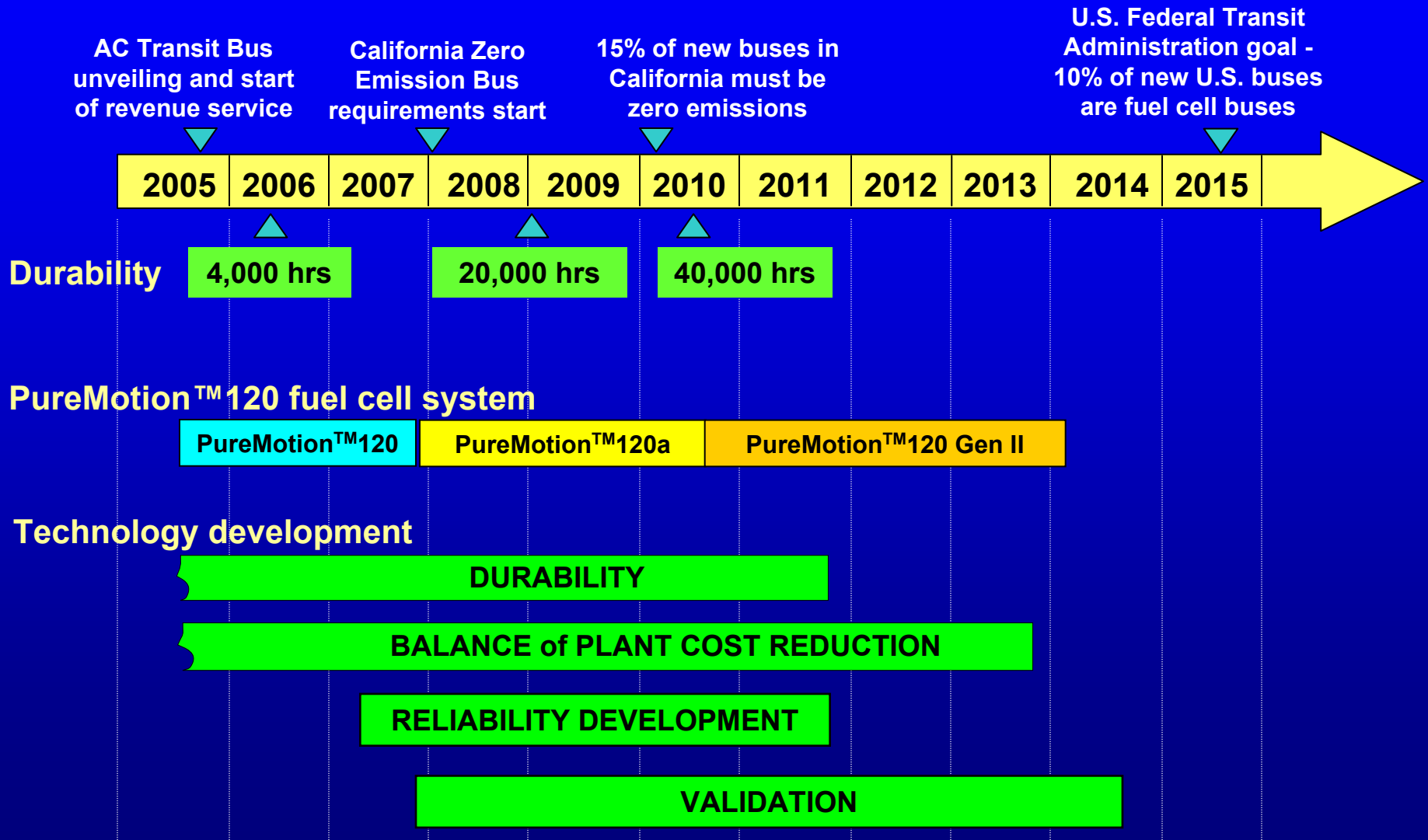
Transit Bus Comparison



PARAMETER	VanHool A330 fuel cell bus *	Diesel bus
Acceleration (sec to 48 km/h)	15	20
Acceleration (sec to 80 km/h)	36	31
Weight (kg)	16,300	13,140
Interior noise (dB stopped)	56	72
Interior noise (dB @ 80 km/h)	69	78
Fuel consumption (kg/100 km)	8.2	16.9

* Preliminary Data from AC Transit/Sunline Transit *

Bus/Fleet Technology Roadmap



Summary

UTC Power is a leader in bringing fuel cell products to market

- The PureMotion™ 120 fuel cell system is on the road to commercialization
- We are leveraging our stationary fuel cell durability expertise
- UTC Power is actively seeking fleet partners

