



# ATC Projects Update

Wisconsin Industrial Energy Group  
Annual Meeting  
June 14, 2007  
Sussex, WI

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# Access Initiative

- Goal: Reduce delivered cost of energy to Wisconsin consumers by . . .
  - reducing system congestion
  - improving access to additional energy sources
- Solution: Add an additional 345 kV circuit to the existing 345 kV line (W4) between Rockdale SS (Dane) and Paddock SS (Rock)
- Project estimated costs (2010):
  - Preferred route: \$132.7 million
  - Alternate route: \$210.8 million

# Access: Net Present Value Benefits less Project Costs (2010)

## Paddock-Rockdale Analysis - NPV of Net Benefits (Costs)

(\$ Millions)

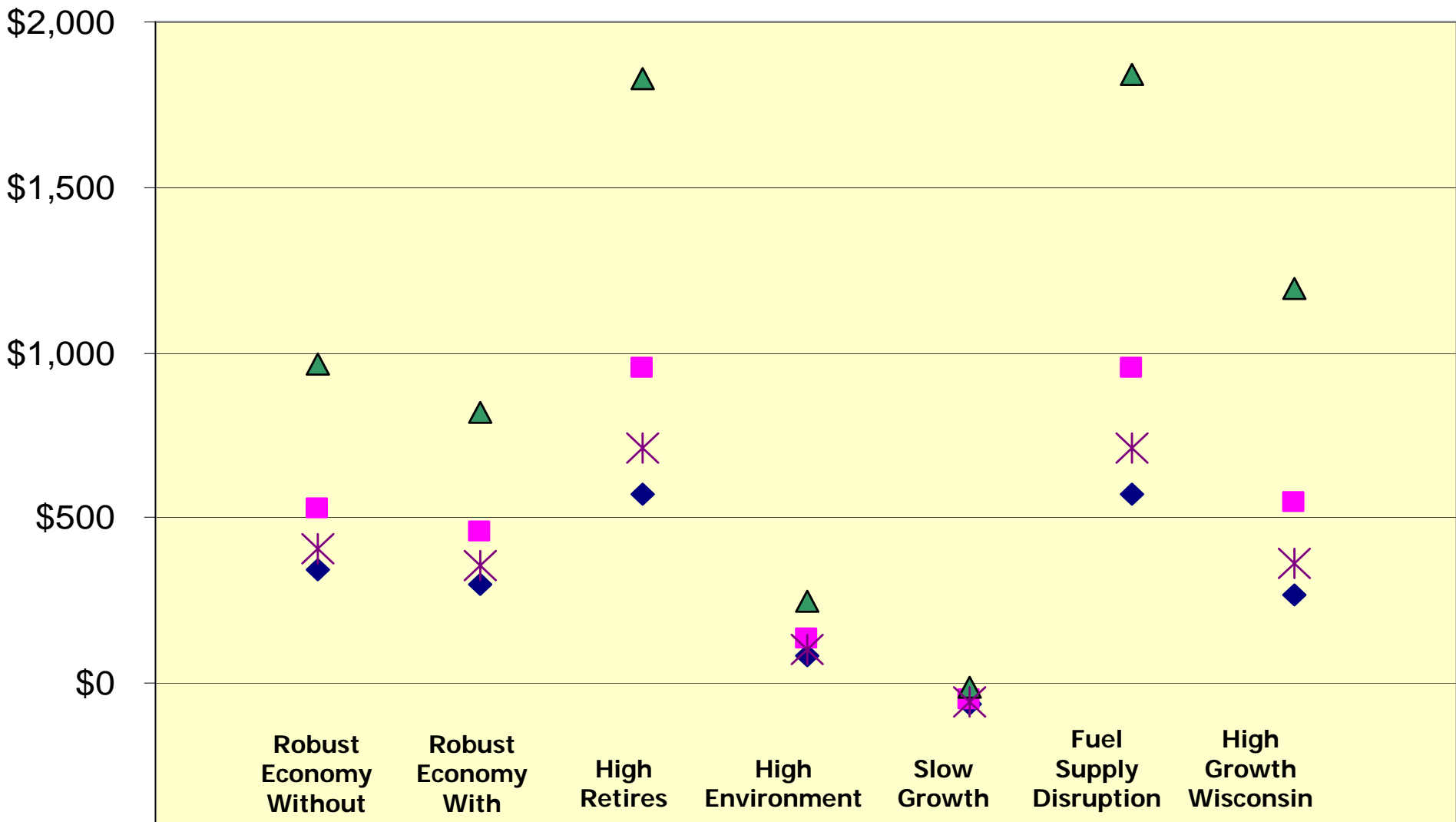
	Robust Economy No NALX -COL	Robust Economy	High Retirements	High Environmental	Slow Growth	Fuel Supply Disruption	High Growth Wisconsin
APC	\$341	\$299	\$574	\$82	(\$62)	\$575	\$265
70% APC + 30% LLMP	\$529	\$455	\$950	\$132	(\$47)	\$956	\$544
LLMP	\$968	\$819	\$1,826	\$249	(\$12)	\$1,843	\$1,196
ATC Customer Benefit	\$409	\$356	\$710	\$104	(\$56)	\$710	\$365

APC = Adjusted Production Costs

LLMP = Load-weighted Locational Marginal Prices



# Paddock-Rockdale Net Present Value (\$Millions)



(\$500)



# Major 345 kV Projects

- Arrowhead – Weston
  - On schedule & budget for June 2008
- Gardner Park - Central Wisconsin
  - WPS Weston 4 generator interconnection
  - Early in construction; in-service 2009
- Morgan – Werner West
  - System enhancement project in NE Wisconsin
  - Early in Construction; in-service 2009

# Major 345 kV Projects (cont'd)

- Rockdale – West Middleton (Dane)
  - Resolves significant voltage and reliability issues in Madison area
  - Final routes to be announced in August; PSCW filing in October 2007
  - Considerable public involvement effort to date
  - Underground options evaluated—will not be recommended by ATC
  - In-Service: 2013



Thanks!  
Questions?

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