

2011 10-Year Assessment Preliminary Solutions

Customer/Stakeholder Meeting
Pewaukee
April 28, 2011

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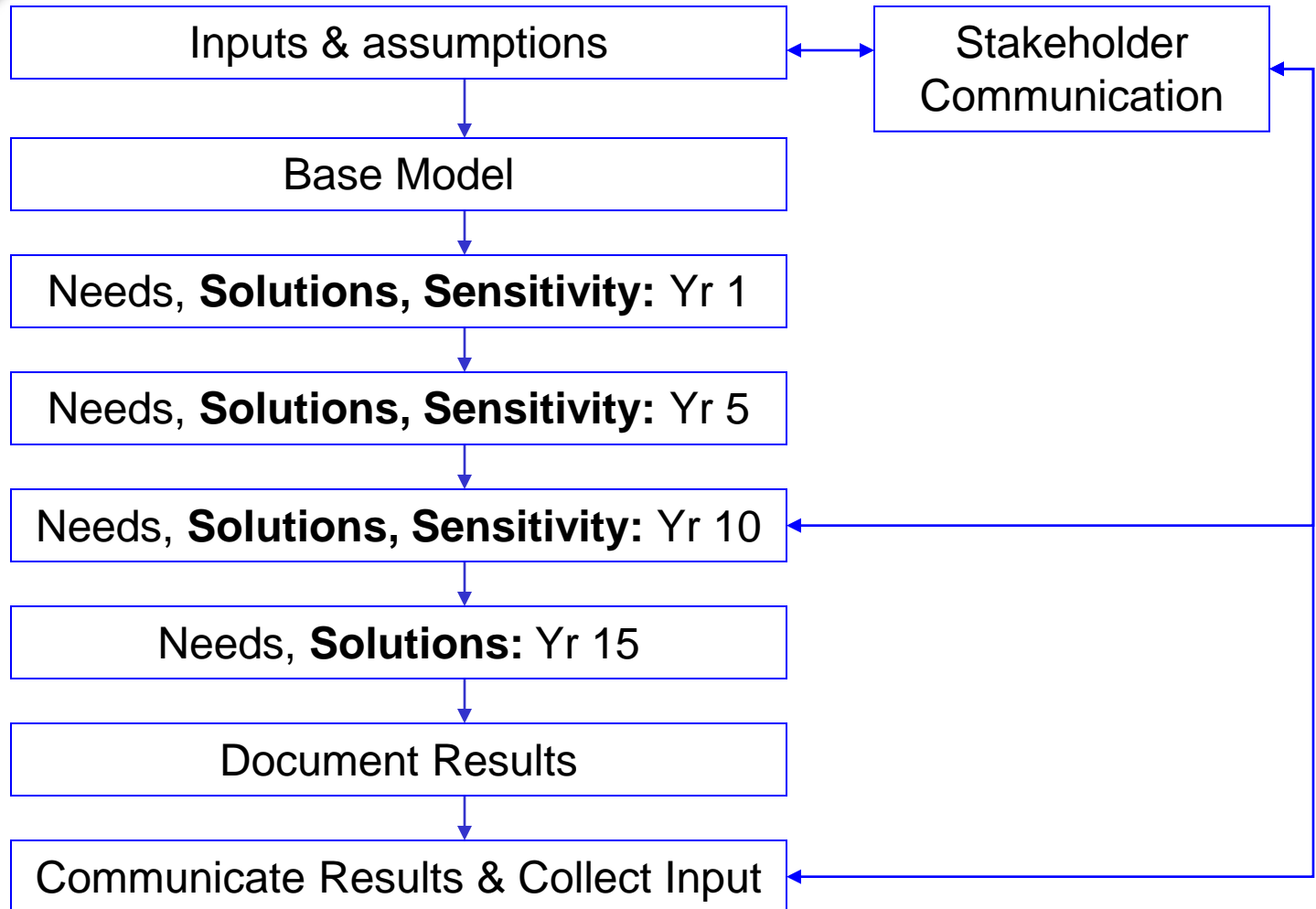




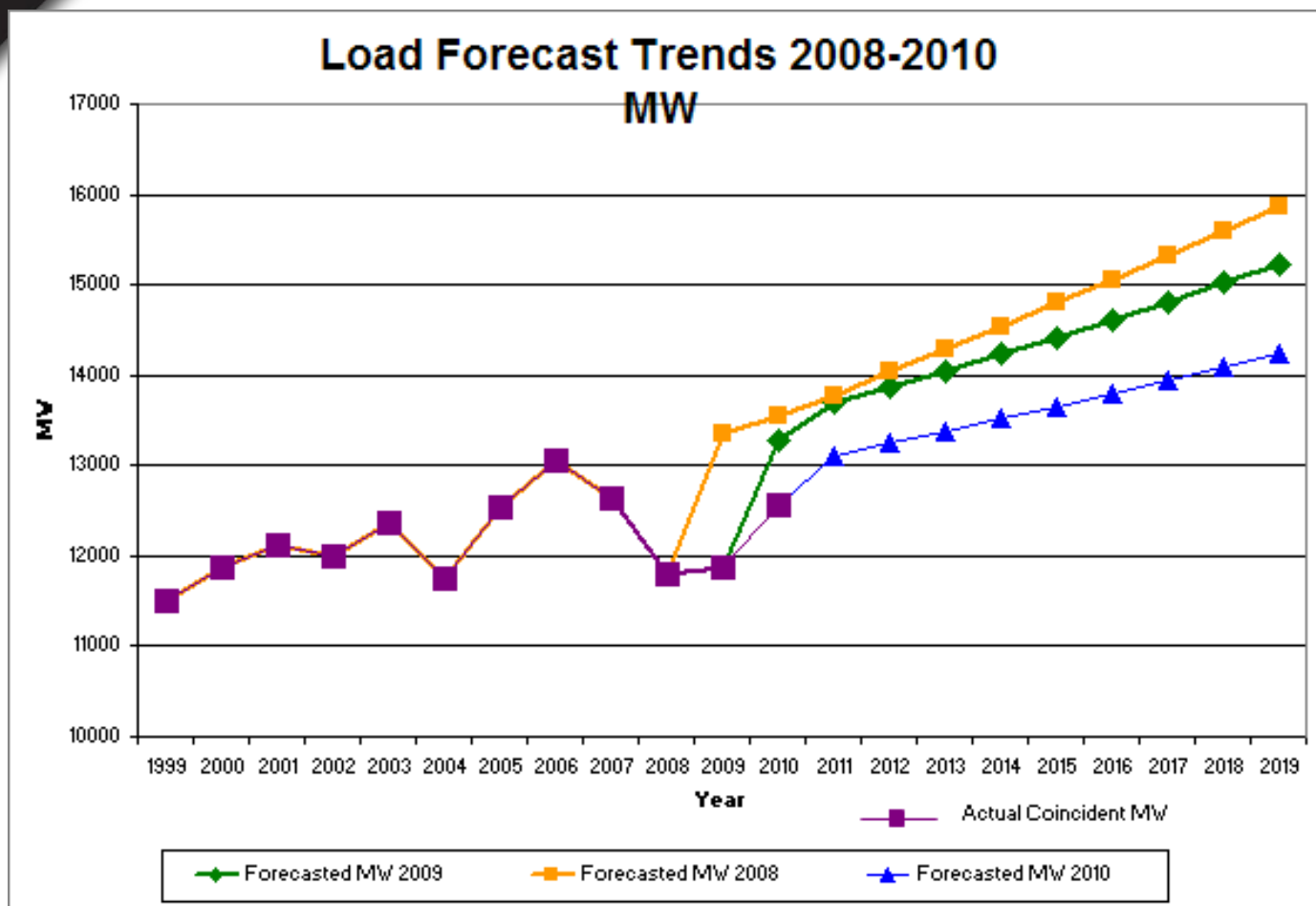
Key Messages

- Load forecast growing at a lower rate than the 2010 Assessment
- Minor generation assumption changes
- Some project deferrals
- Some changes add projects
- Participating in Regional Studies

Assessment Process



Load Forecast Trends





Network Changes - Deferrals

- Near Term (2 years)
 - 2 projects ISD deferred from 2011 to 2012
 - 3 projects could be deferred
 - Petenwell bus (2013 to 2015)
 - Sun Valley Tap-Oregon rebuild (2014 to 2020)
 - Bluemound capacitor banks (2014 to 2015)

Network Changes - Deferrals

- Longer Term (Beyond 2 years)
 - 13 projects could be deferred
 - 5 line projects
 - 3 transformers
 - 5 capacitor banks
 - 2 projects could be canceled
 - Gwinn-Forsyth line (2016)
 - Mukwonago caps (2022)

Network Changes - New

- Thirteen potential new projects, so far
 - 6 projects related to Point Beach upgrades
 - 3 economics projects
 - 3 equipment upgrades/line updates
 - 1 line rebuild
 - 1 T-D line project
- Three potential ISD advancements
 - Upgrade Straits-McGulpin (was 2014, now 2012)
 - Upgrade Royster-Sycamore (was 2019, now 2018)
 - Boscobel capacitor banks (was 2019, now 2015)



Economic Projects

- 7 TYA Projects w/economic driver
 - 2 identified w/potential advance-ability benefits
- Other potential economic projects
 - Southeast Wisconsin quick fixes



345-kV Projects

Construct 345-kV line from Rockdale to West Middleton (2013)

* Pleasant Prairie-Zion Energy Center (2014)

* Badger-Coulee (2018)

* Dubuque-Spring Green-Cardinal (2020)

* These projects were included in the 2010 Assessment Capital forecast and text discussions, but were not listed in the 2010 Assessment project tables due to their preliminary nature at the time of the 2010 Assessment studies.

Stakeholder Communication

- February – April 2010
 - Requested load forecast from LDCs
- May 2010
 - Process and assumptions meeting
 - Suggested new sensitivity studies
- September 2010
 - Sent final load forecast back to LDCs
- March 2011
 - Stakeholder preliminary needs meeting
- 2nd Quarter 2011
 - Stakeholder preliminary solutions meeting

Next Steps

- April – Discuss solutions w/ Stakeholders
- May – Cost estimates developed
- May – Study write-ups drafted
- June – Multiple outage study complete
- Summer – Review/approval complete
- Autumn – Publication complete



Questions?