

JCSP 2008 Update

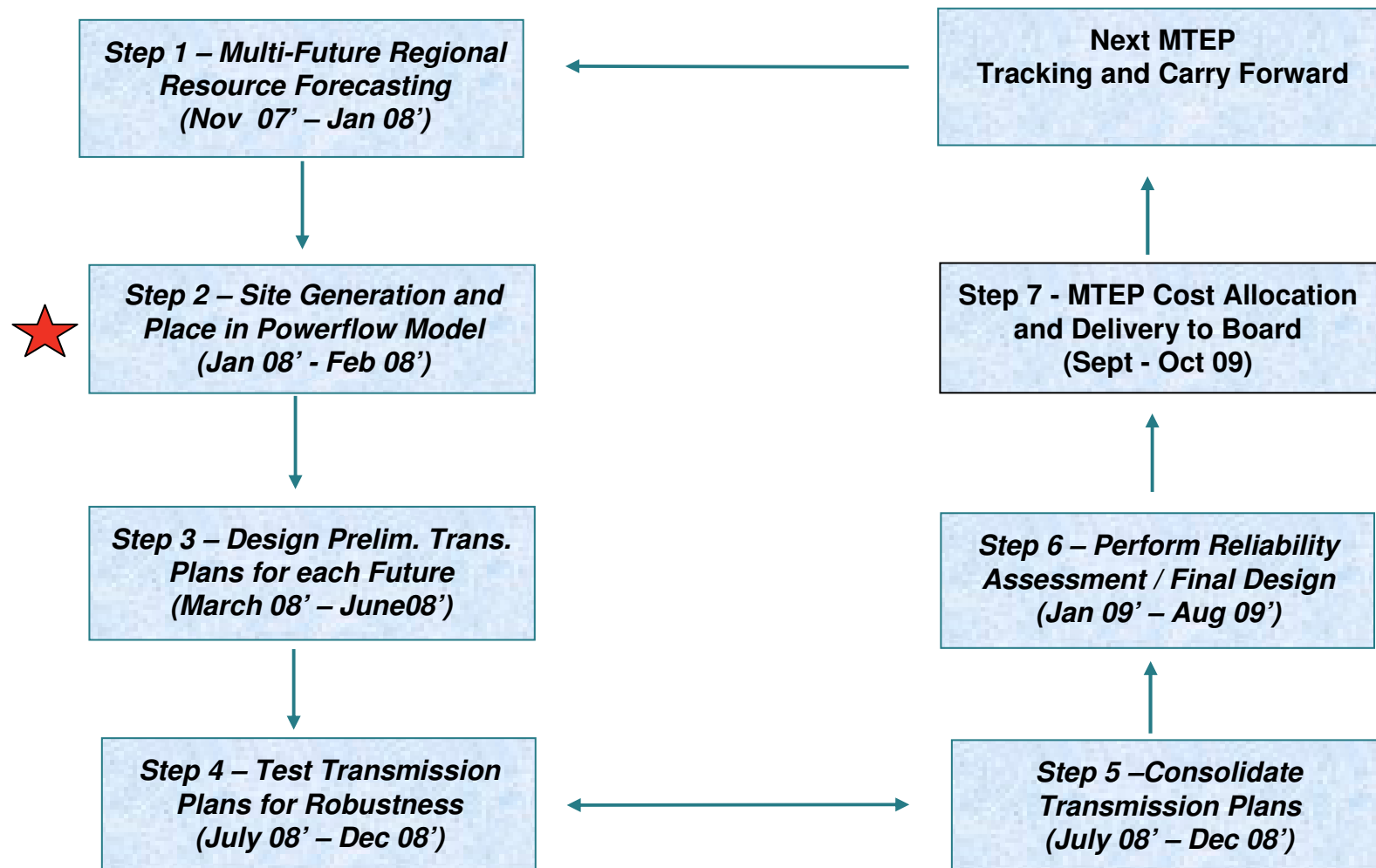
Informational Forum

February 19, 2008

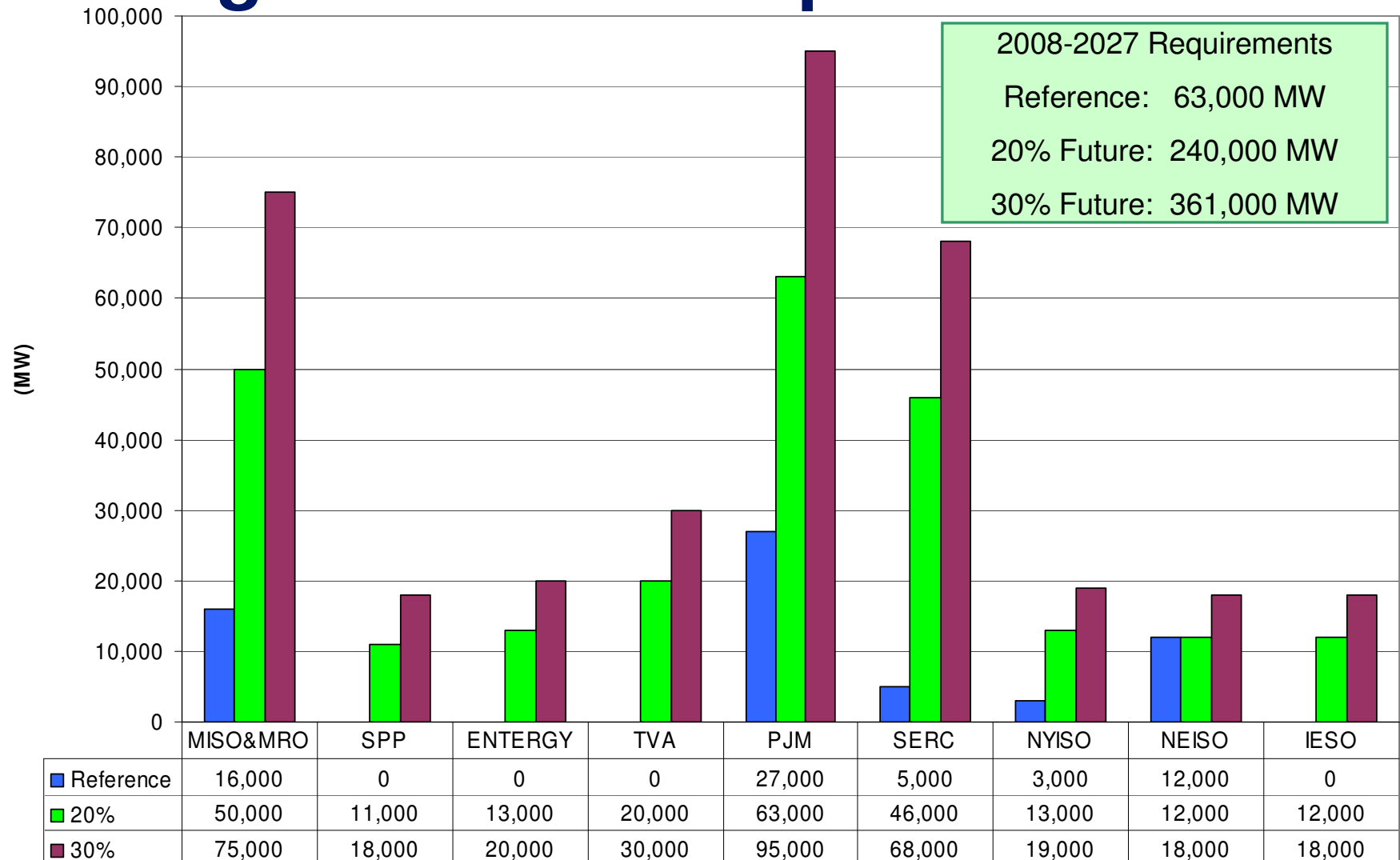
Joint Planning Initiatives

- Midwest ISO Transmission Expansion Plan (MTEP 2009)
- Joint Coordinated System Plan (JCSP 2008)
 - Midwest ISO
 - SPP
 - PJM
 - TVA
 - Other Interested parties
- Performed in Coordination with DOE Eastern Wind Integration Transmission Study
 - 20% wind requirement
 - 30% wind requirement (On Hold)
- Using process developed by the Midwest ISO for MTEP 2008

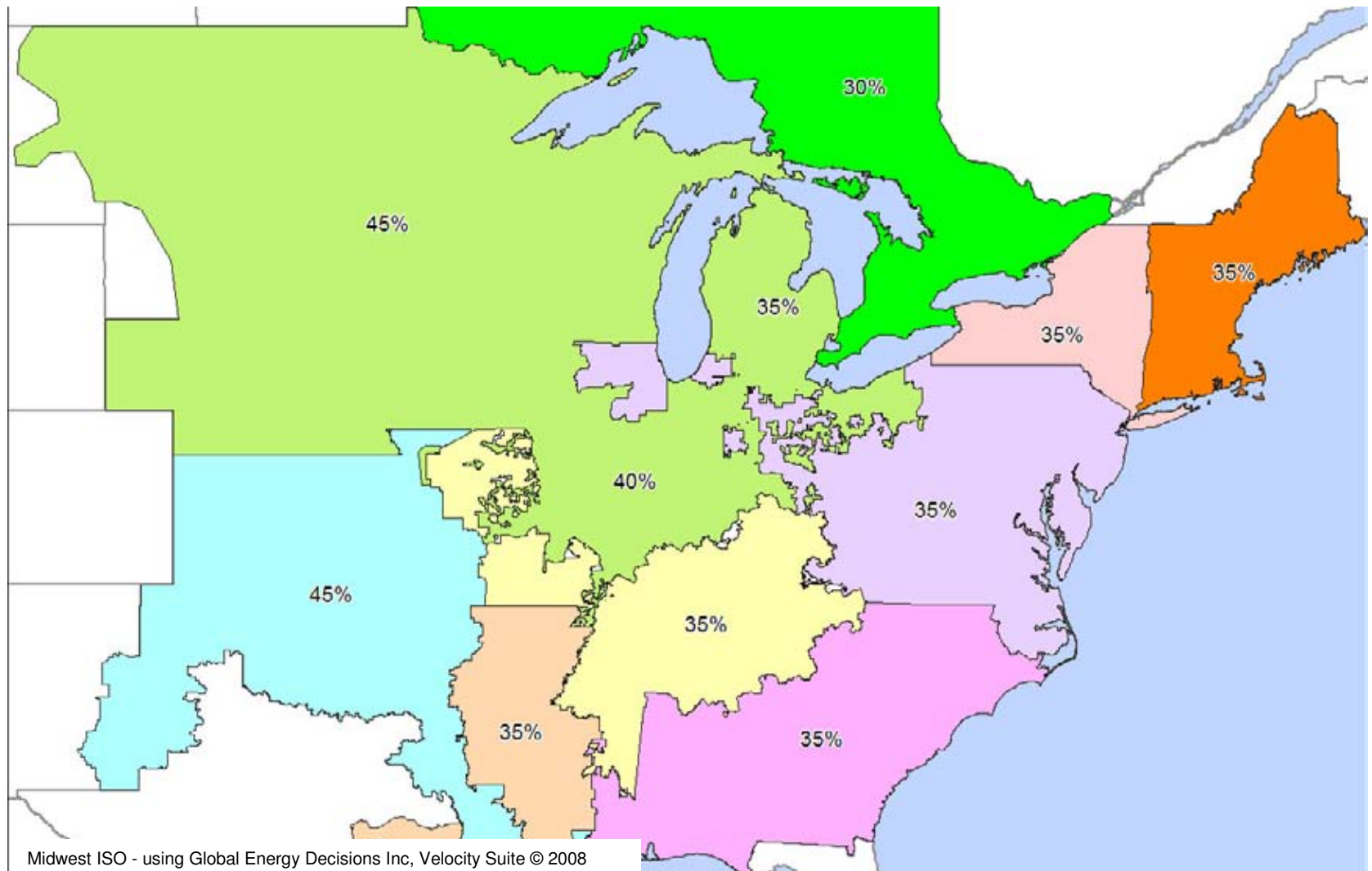
MTEP Process - Economic and reliability transmission planning



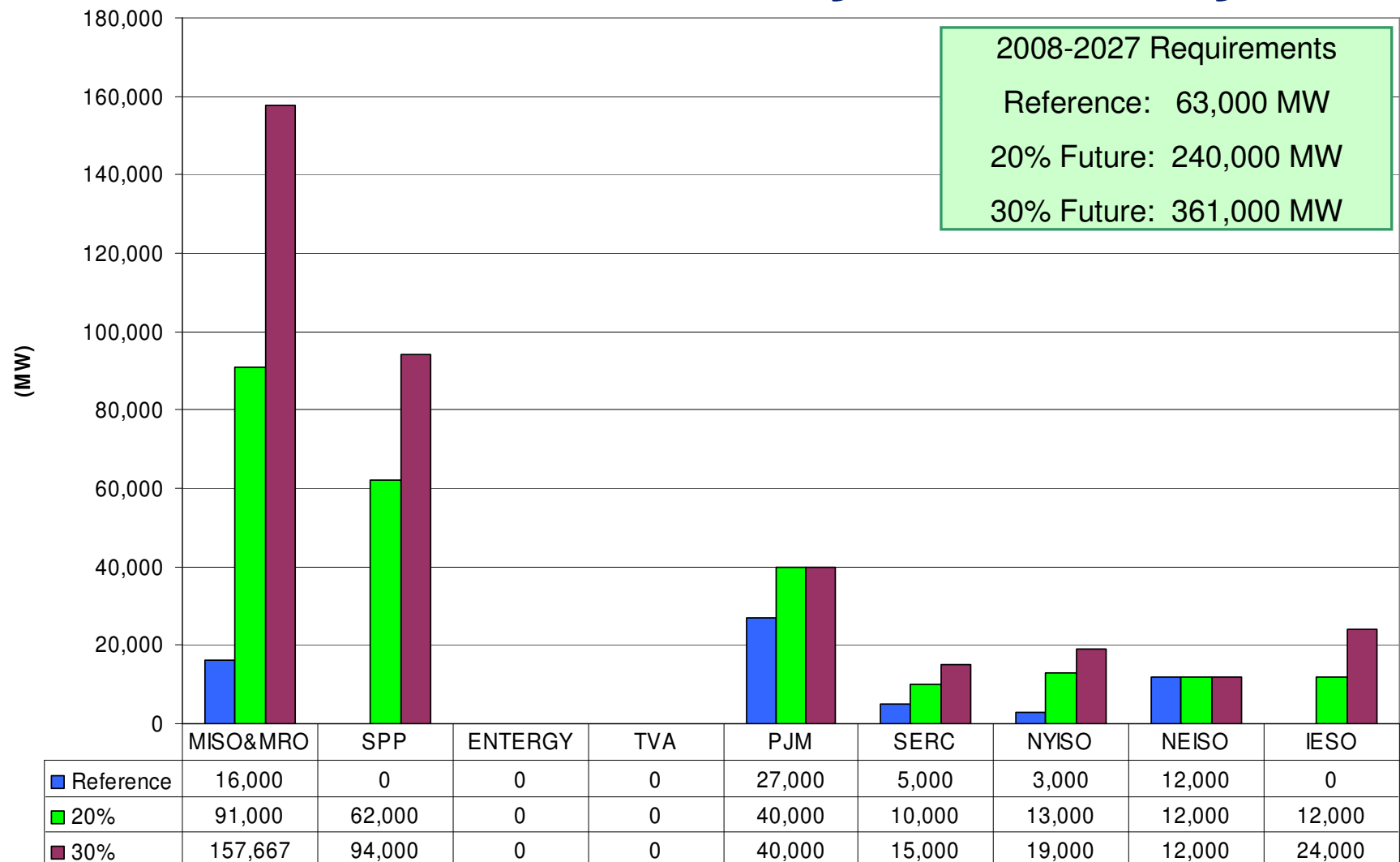
2008-2027 (Study Period) Regional Wind Requirements



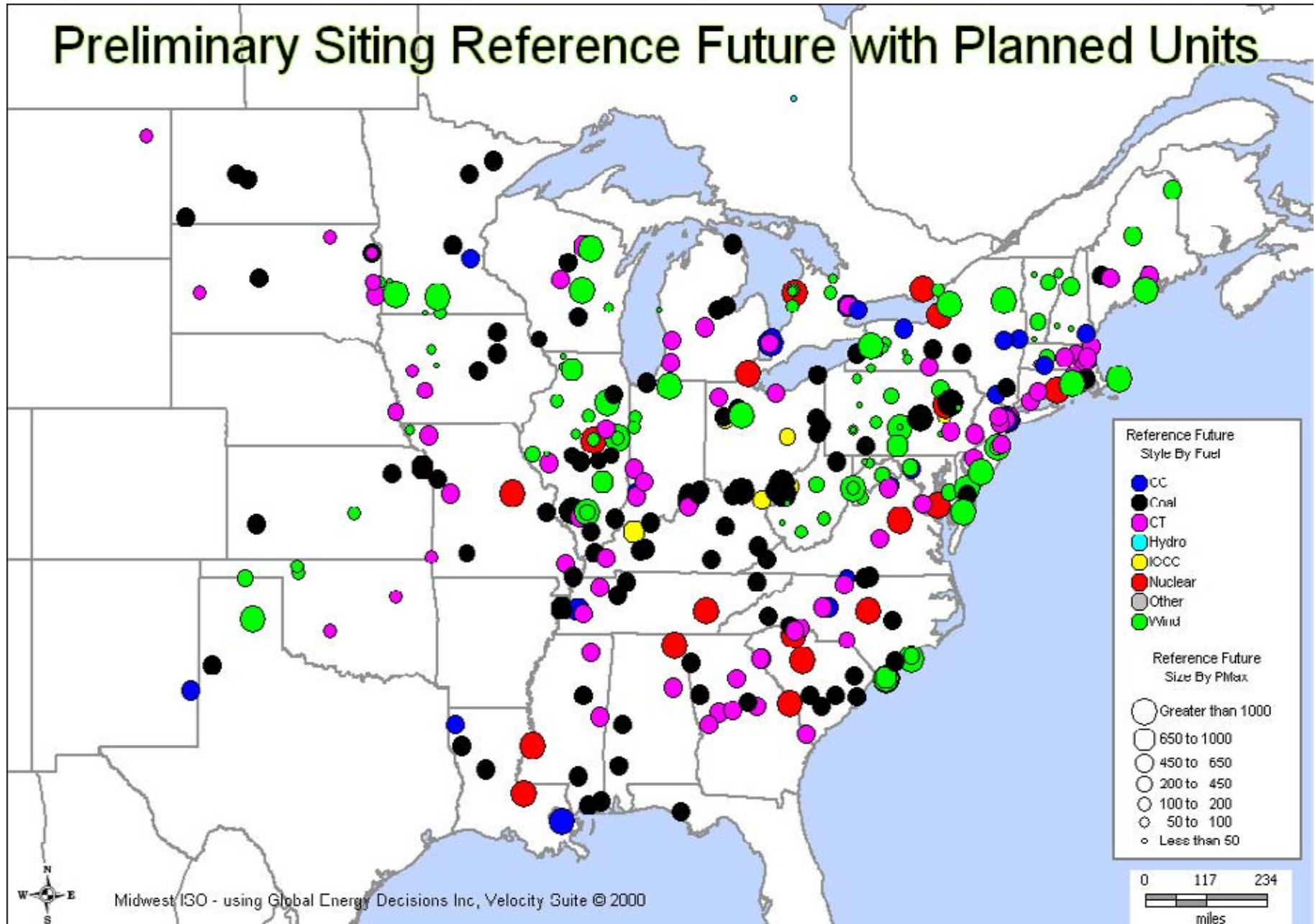
Regional wind capacity factors used in calculating wind requirements



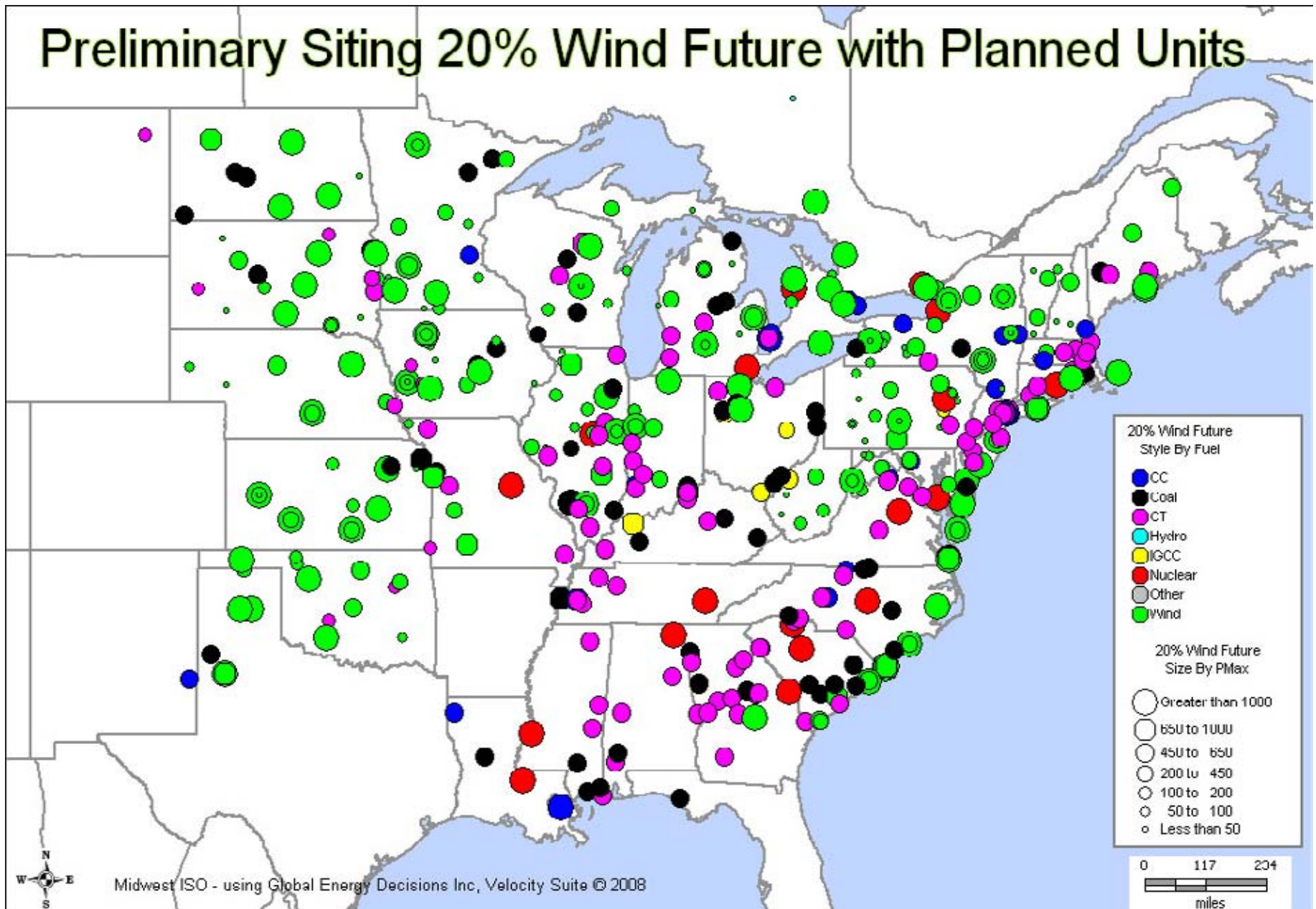
Redistribution of Wind Requirements Based On Wind Quality/Availability



Preliminary Siting Reference Future with Planned Units



Preliminary Siting 20% Wind Future with Planned Units



Timeframe: Steps 1 & 2

Task\Calendar	11/5	11/12	11/19	11/26	12/3	12/10	12/17	12/24	12/31	1/7	1/14	1/21	1/28	2/4	2/11	2/18	2/25	3/3
Initial Model Development	█	█	█	█	█													
JCSP Workshops						█				█								
Update Data						█	█	█	█	█	█							
Runs + Analysis											█	█						
Initial Siting													█					
Stakholder Review														█				
Final Siting														█				
Populate Models															█	█	█	█
Communication	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█