



Eastern Interconnection Planning Collaborative

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**NEEM Transfer Limits  
Final Sections of Roll-UP Report  
Project Management Update  
Project Schedule**

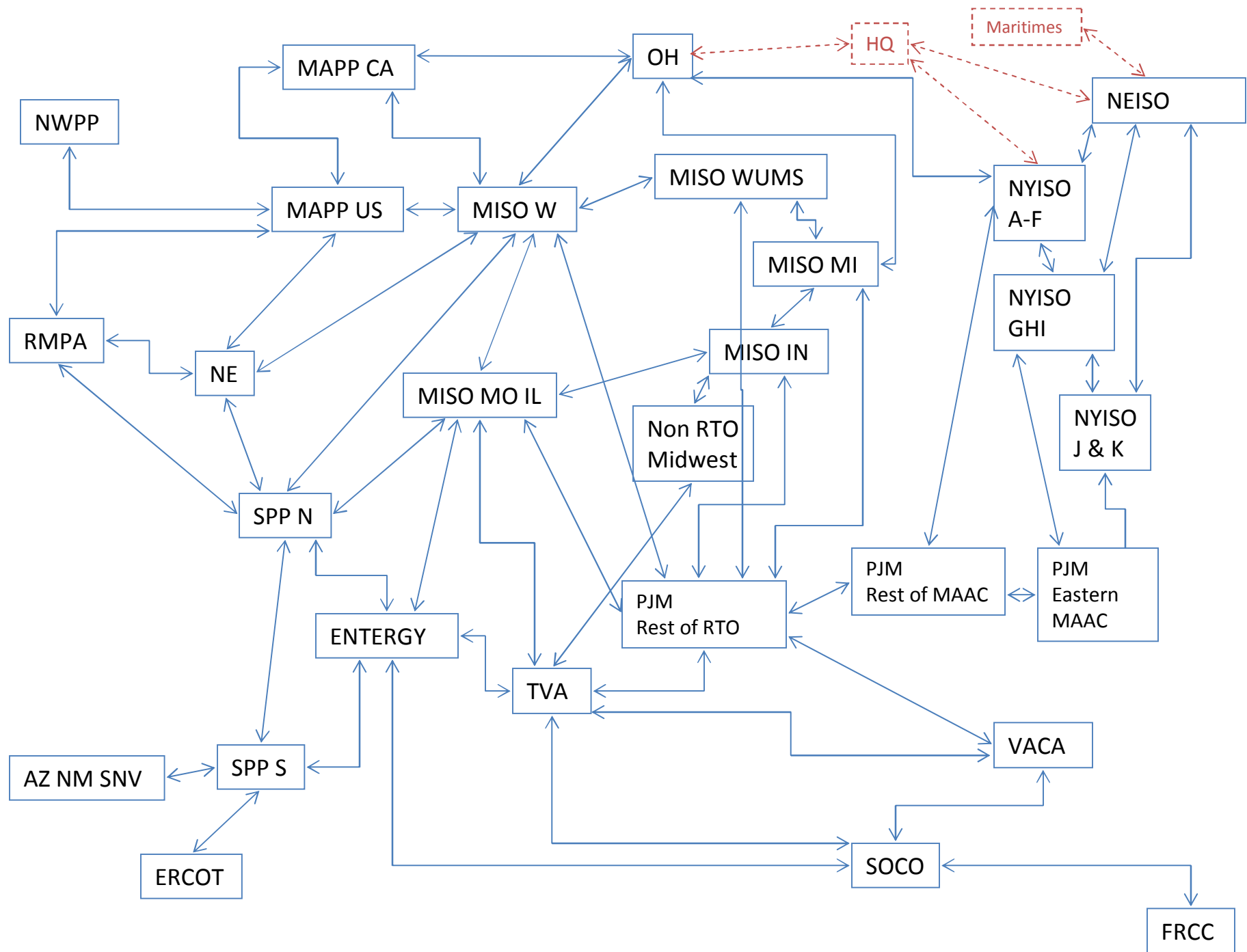
Stakeholder Steering Committee Meeting

February 8, 2011

# NEEM Transfer Limit Results

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- NEEM Regions - defined ✓
- Baseline Infrastructure – solved ✓
  - Conawapa-Riel 500kV HVDC could not be removed as requested by SSC
- PA Determination of Transfer Limits ✓
  - Numbers
  - Explanations
- Sensitivity 1 – soft constraint



# NEEM Transfer Limit Results

- See separate spreadsheets for numbers and explanations

Table. Transfer Limits between NEEM Regions (all limits in MW) - Transfer limits are unidirectional and should be stated as "FROM" column C "TO" columns D through R

ORIGIN	AZ_NM_SNV	ENTERGY	DESTINATION																
			ERCOT	FRCC	MAPP_CA	MAPP_US	MISO_IN	MISO_MI	MISO_MO_IL	MISO_W	MISO_WUMS	NE	NEISO	Non_RTO_Midwest					
AZ_NM_SNV																			
ENTERGY										2,260									
ERCOT																			
FRCC																			
MAPP_CA							372				1,970								
MAPP_US						165					2,535		2,000						
MISO_IN									5,000	5,000								4,800	
MISO_MI								2,045				117							
MISO_MO_IL		2,540						2,100			960								
MISO_W						700	2,300			3,800		1,629	2,800						
MISO_WUMS									99		1,137								
NE									1,600			1,600							
NEISO																			
Non_RTO_Midwest										4,450									
NWPP							150												
NYISO_A-F																		600	
NYISO_GHI																		600	
NYISO_J&K																		0	
IESO						262				1,840		140							
PJM_Eastern_MAA																			
PJM_Rest_of_MAA																			
PJM_Rest_of_RTO									909	1,305	1,111	709	1,467						
RMPA										200									310
SOCO		2,400			3,700														
SPP_N		1,800									2,000	750							330
SPP_S	400	800	800																
TVA		3,000									4,000								700
VACAR																			

### Legend

Note: Non-existent links are blacked out.

ORIGIN	AZ_NM_SNV	ENTERGY	ERCOT	FRCC	MAPP_CA	MAPP_US	MISO_IN	DESTINATION												
								NWPP	NYISO_A-F	NYISO_GHI	NYISO_J&K	IESO	PJM_Eastern_MAA	PJM_Rest_of_MAA	PJM_Rest_of_RTO	RMPA	SOCO	SPP_N	SPP_S	TVA
AZ_NM_SNV																				
ENTERGY												2,000	1,300	1,300	2,100					
ERCOT																				
FRCC												900								
MAPP_CA							330													
MAPP_US	200									200										
MISO_IN									992											

# NEEM Transfer Limit Results

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- Next steps
  - CRA to insert initial transfer limits
  - CRA to program soft constraint approach

# Questions

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# Final Sections of Roll-Up Report

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- Section 2 – complete
- Sections 3-5 being written
- Target completion mid-February
- Final report included in project report at end of Phase 1 of the project (October, 2011)

# Roll-Up Work Group Schedule

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- Conference Call 2/14/11
  - Update on Roll-Up Report Sections 3-5
  - Assign volunteer(s) to collate comments on draft for March SSC Meeting
  - Comments on Lessons Learned draft
- Conference Call 2/28/11
  - Discuss comments on Sections 3-5
  - RUWG Comments on Final Report (draft and distribute by March 7, responses by March 11)
  - Finalize Lessons Learned draft for March SSC Meeting
- Possible assistance to MWG to review production cost analysis of roll-up
- **On sabbatical** – other assignments from SSC?
- Conference Call 6/27/11 (maybe sooner, check-in with project schedule on DOE deliverable of Final Roll-Up Report)
- Involvement in evaluating transmission expansion scenarios (Section 3,4 of Roll-up Report helpful) – July-Sep go to biweekly calls

# Questions

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# Project Management Update

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- Where do we stand – task by task
- Schedule – remaining work in Phase 1
- Possible timing of macroeconomic results

# Project Task Update

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- Task 1 Initiate Project: complete
  - Project initiated
  - SSC and work groups formed
  - Coordination with EISPC (Topic B) established
- Task 2 Integrate Regional Plans: nearing completion
  - 2020 Integrated Regional Plan delivered
  - Report Section 3-5 mid-February
- Task 3 Production Cost Analysis: started
  - Determination of flowgates by PAs underway
- Task 4 Macroeconomic Futures Development: underway
  - BAU and sensitivities 2/7-8/11
  - Remaining 7 futures and sensitivities 3/28-29/11
- Task 5 Macroeconomic Analysis: started
  - Target completion by 7/26/11 – date under review

# Project Schedule Update

Task	Original Date	Target Date	Primary Party *
Task 2 - Report	12/28/10	Mid-February	PAs
Task 2 - Flowgates	12/28/10	2/28/11	PAs
Task 3 – Production Cost Analysis	3/8/11	4/15/11	CRA/PAs
Task 4 - Futures	3/18/11	3/31/11	SSC
Task 5 – Macro Analysis	7/26/11	Under Review	CRA
Task 6a – Expansion Scenarios (3)	10/25/11	10/25/11	SSC
Task 6b – Phase 1 Report	10/25/11	10/25/11	PAs

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\* With input/assistance from other participants.



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# Project Related Meetings

Meeting	Current Dates	New Dates?
SSC Meeting	2/7/11 – 2/8/11	
Joint SPWG/MWG	2/8/11 – 2/9/11	
EISPC Meeting	2/28/11 – 3/2/11	
Possible Webinar		3/21/11 – 3/23/11
SSC Meeting	3/28/11 – 3/29/11	
SSC Meeting	5/11/11 – 5/13/11	Doodle Survey
EISPC Meeting	5/26/11 – 5/27/11	
New SSC Meeting		Doodle Survey
EISPC Meeting	7/28/11 – 7/29/11	
EISPC Meeting	9/22/11 – 9/23/11	
SSC Meeting	9/26/11 – 9/28/11	

# Timing of Macroeconomic Results

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- Work has already started on model set-up
- BAU and sensitivities defined 2/7-8
- 4 to 6 weeks for initial run, then run sensitivities
- Possible webinar on initial results

# Possible Timing of Macroeconomic Results

Activity	Sequence	Activity	Sequence
BAU Initial + S1	Weeks 1 to 4/6	Future 5 + S1	Weeks 14 – 18
Transfer Decision	Week 7	Transfer Decision	Week 19
BAU S2-Sx	Weeks 8 – 9	Future 5 S2-Sx	Weeks 20 – 21
Future 2 + S1	Weeks 8 – 12	Future 6 + S1	Weeks 16 – 20
Transfer Decision	Week 13	Transfer Decision	Week 21
Future 2 S2-Sx	Weeks 14 – 15	Future 6 S2-Sx	Weeks 22 – 23
Future 3 + S1	Weeks 10 – 14	Future 7 + S1	Weeks 18 – 22
Transfer Decision	Week 15	Transfer Decision	Week 23
Future 3 S2-Sx	Weeks 16 – 17	Future 7 S2-Sx	Weeks 24 – 25
Future 4 + S1	Weeks 12 – 16	Future 8 + S1	Weeks 20 – 24
Transfer Decision	Week 17	Transfer Decision	Week 25
Future 4 S2-Sx	Weeks 18 – 19	Future 8 S2-Sx	Weeks 26 – 27

# Questions

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