Revised Work Plan from 2/5/07 Technical Committee Meeting

PNW Resource Adequacy Forum
2007 Work Plan

TASK DESCRIPTION	LEAD	TARGET DATES	
		Technical Committee	Steering Committee
FINALIZE CAPACITY ADEQUACY STANDARD:			
Benchmark GENESYS Model		4/07	
• Validate revised Trapezoidal Approximation by comparing hourly FCRPS generation from Approximation to HOSS output	BPA		
• Compare results of GENESYS with other planning models	NWPCC/Others		
Revisit GENESYS Threshold and Target		5/07	
• Threshold Analysis: From graphical depiction of GENESYS curtailments, re-examine definition of appropriate energy and capacity events	NWPCC		
• Evaluate 5% Target:			
▪ Provide results of LOFP analysis to Forum to evaluate whether the risk to fish is acceptable; fine-tune hydro flexibility methodology	NWPCC/ BPA		
▪ Compare NW LOLP Target to resource adequacy metrics and targets used by other parts of WECC & NERC to determine whether target should be changed	BPA		
▪ Evaluate tradeoff of cost of infrastructure versus benefit of fewer curtailments to determine whether target should be changed	NWPCC		
Validate Data & Assumptions in both Capacity & Energy Standards		4/07	
• Consult with CEC/CAISO on the assumption that up to 3,000 MW of surplus winter capacity is available from California	BPA		
• Technical Committee reassesses availability of out-of-region resources based on results of BPA effort, which considers transmission constraints & economic factors	Tech Comm		

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• Evaluate how wind should be counted as contributing to meeting capacity targets	NWPCC-BPA Wind Integration Group		
• Update data on resources and firm imports/exports	NWPCC/ BPA		
• Re-evaluate how to count uncontracted, within-region IPPS			
☐ Possible Revisions to Capacity Metric & Targets		6/07	
• Finalize temperature/load relationships using 50 hour duration rather than daily average temperatures	NWPCC		
• Consider different sustained peak period durations	BPA		
• Revise targets, if LOLP methodology and/or target changes, and/or if assumptions change and/or capacity metric is redefined	NWPCC		
☐ Technical Comm. recommends final capacity standard to Steering Comm.		7/07	
☐ Steering Comm. considers changes to LOLP methodology/target, assumptions and capacity metric methodology in deciding on final capacity adequacy metric and targets for winter and summer			6/07 -9/07
☐ Council adopts Final Capacity Adequacy Standard			11/07
DEVELOP UTILITY-SPECIFIC GUIDANCE FOR APPLYING REGIONAL STANDARDS:			
☐ Develop counting protocols for individual utilities' resources especially hydro, wind and contracts,	PNUCC	8/07	
☐ Brainstorm options for translating regional standards to utility-specific guidance	Tech Comm	2/07	
☐ Establish sub-group of Technical Committee to prepare White Paper on Options including Pros and Cons	Tech Comm	2/07	

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☐ Develop White Paper on Options	Utility Guidance Sub-group	6/07	
☐ Technical Committee selects option(s) for utility-specific guidance and recommends to Steering Committee		7/07	
☐ Steering Committee finalizes individual utility guidance paper			7/07 -9/07
REVISE ENERGY ADEQUACY STANDARD, IF NECESSARY			
☐ Technical Committee evaluates whether changes to the LOLP methodology/target and/or assumptions and data in connection with finalizing the capacity standard result in changes to the energy standard	NWPCC	8/07	
☐ Steering Committee acts on recommendations from Technical to revise energy adequacy standard, if needed			9/07
ANNUAL REGIONAL RESOURCE ADEQUACY ASSESSMENTS			
☐ Council performs top-down assessment for three and five years out	NWPCC	6/07	
☐ PNUCC performs bottom-up assessment for three and five years out	PNUCC	6/07	
☐ Results of the two assessments are compared and any differences are reconciled	NWPCC/ PNUCC	7/07	
☐ Council evokes actions called for in Implementation Plan, if necessary	NWPCC		8/07
ECONOMIC STANDARD			
☐ Technical Committee re-visits how define yellow light in Implementation Approach and reports results of evaluation to Steering Committee	NWPCC	9/07	
☐ Steering Committee decides on changes to the Economic Standard, if needed			10/07

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