

Appendix A

PNW Resource Adequacy Forum 2007 Work Plan

TASK DESCRIPTION	LEAD	TARGET DATES	
		Technical Committee	Steering Committee
FINALIZE CAPACITY ADEQUACY STANDARD:			
<input type="checkbox"/> Benchmark GENESYS Model		4/07	
<ul style="list-style-type: none"> • Validate revised Trapezoidal Approximation by comparing hourly FCRPS generation from Approximation to HOSS output 	BPA		
<ul style="list-style-type: none"> • Compare results of GENESYS with other planning models 	NWPCC/Others		
<input type="checkbox"/> Revisit GENESYS Threshold and Target		5/07	
<ul style="list-style-type: none"> • Threshold Analysis: From graphical depiction of GENESYS curtailments, re-examine definition of appropriate energy and capacity events 	NWPCC		
<ul style="list-style-type: none"> • Evaluate 5% Target: <ul style="list-style-type: none"> ▪ Provide results of LOLF analysis to Forum to evaluate whether the risk to fish is acceptable; fine-tune hydro flexibility methodology 	NWPCC/ BPA		
<ul style="list-style-type: none"> ▪ 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		
<ul style="list-style-type: none"> ▪ Evaluate tradeoff of cost of infrastructure versus benefit of fewer curtailments to determine whether target should be changed 	NWPCC		
<input type="checkbox"/> Validate Data & Assumptions in both Capacity & Energy Standards		4/07	
<ul style="list-style-type: none"> • Consult with CEC/CAISO on the assumption that up to 3,000 MW of surplus winter capacity is available from California 	BPA		
<ul style="list-style-type: none"> • 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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		Technical Committee	Steering Committee
<ul style="list-style-type: none"> Evaluate how wind should be counted as contributing to meeting capacity targets 	NWPCC-BPA Wind Integration Group		
<ul style="list-style-type: none"> Update data on resources and firm imports/exports Re-evaluate how to count uncontracted, within-region IPPS 	NWPCC/ BPA		
<input type="checkbox"/> Possible Revisions to Capacity Metric & Targets		6/07	
<ul style="list-style-type: none"> Finalize temperature/load relationships using 50 hour duration rather than daily average temperatures 	NWPCC		
<ul style="list-style-type: none"> Consider different sustained peak period durations 	BPA		
<ul style="list-style-type: none"> Revise targets, if LOLP methodology and/or target changes, and/or if assumptions change and/or capacity metric is redefined 	NWPCC		
<input type="checkbox"/> Technical Comm. recommends final capacity standard to Steering Comm.		7/07	
<input type="checkbox"/> 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
<input type="checkbox"/> Council adopts Final Capacity Adequacy Standard			11/07
DEVELOP UTILITY-SPECIFIC GUIDANCE FOR APPLYING REGIONAL STANDARDS:			
<input type="checkbox"/> Develop counting protocols for individual utilities' resources especially hydro, wind and contracts,	PNUCC	8/07	
<input type="checkbox"/> Brainstorm options for translating regional standards to utility-specific guidance	Tech Comm	2/07	
<input type="checkbox"/> Establish sub-group of Technical Committee to prepare White Paper on Options including Pros and Cons	Tech Comm	2/07	

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		Technical Committee	Steering Committee
<input type="checkbox"/> Develop White Paper on Options	Utility Guidance Sub-group	6/07	
<input type="checkbox"/> Technical Committee selects option(s) for utility-specific guidance and recommends to Steering Committee		7/07	
<input type="checkbox"/> Steering Committee finalizes individual utility guidance paper			7/07 -9/07
REVISE ENERGY ADEQUACY STANDARD, IF NECESSARY			
<input type="checkbox"/> 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	
<input type="checkbox"/> Steering Committee acts on recommendations from Technical to revise energy adequacy standard, if needed			9/07
REGIONAL RESOURCE ADEQUACY ASSESSMENTS			
<input type="checkbox"/> Council performs top-down assessment	NWPCC	6/07	
<input type="checkbox"/> PNUCC performs bottom-up assessment	PNUCC	6/07	
<input type="checkbox"/> Results of the two assessments are compared and any differences are reconciled	NWPCC/ PNUCC	7/07	
<input type="checkbox"/> Council evokes actions called for in Implementation Plan, if necessary	NWPCC		8/07
ECONOMIC STANDARD			
<input type="checkbox"/> Technical Committee re-visits how define yellow light in Implementation Approach and reports results of evaluation to Steering Committee	NWPCC	9/07	
<input type="checkbox"/> Steering Committee decides on changes to the Economic Standard, if needed			10/07

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