

**Western Interconnection Synchrophasor Program (WISP)**

Monthly Project Status Report

## PG&E Monthly WISP Project Status Update

<b>Partner Name</b>	PG&E	<b>Report For</b>	July 2010
<b>Project Manager</b>	Redacted	<b>Date Submitted</b>	August 16, 2010
<b>Budget Forecast to Date</b>	\$1,245,000	<b>Actuals to Date</b>	\$952,168
<b>Key Accomplishments or Milestones</b>	<ul style="list-style-type: none"> <li>• Finalized PMU locations and send locations to WECC &amp; CAISO for review</li> <li>• Prepared draft equipment specifications for PMUs and PDCs</li> <li>• Held multiple interview sessions with PG&amp;E Operations and Engineering to obtain input on synchrophasor tools and displays</li> <li>• Set up test servers for Areva's updated e-Terra application</li> </ul>		
<b>Important Ongoing Activities</b> (Include key ongoing activities both technical and management related.)	<ul style="list-style-type: none"> <li>• Review equipment specifications for PMUs and PDCs</li> <li>• Refine network architecture now that PMU sites are known</li> <li>• Continue to work with WECC to finalize and sign project agreement</li> <li>• Continue to set up test lab for product performance validations</li> </ul>		
<b>Upcoming Activities</b> (Include key future activities both technical and management related.)	<ul style="list-style-type: none"> <li>• Sign WECC/PG&amp;E project agreement</li> <li>• Submit first invoice after agreement is signed</li> <li>• Enter into subcontracts for proof-of-concept activities</li> <li>• Prepare specification for data storage / historian</li> </ul>		
<b>Changes to Plan</b> (Include Scope, approach, and Resource changes)	PG&E sees advantages to upgrading more existing substation devices than previously stated in the PEP. The device upgrades have a lower unit cost which will allow better coverage of substation elements.		
<b>Changes To WBS Schedule and Milestones</b>	None to report. this period		
<b>Changes to PEP Budget</b>	Through July PG&E is under running the budget by about \$293k. \$952k was actually spent from January 2010 to July 2010 vs. \$1,245k planned.		
<b>Significant Problems/ Risks</b>	None to report. this period		
<b>Issues Requiring WISP PMO/ESC /TAC Attention</b>	As of 7/31/10, the WECC/PG&E contract has not been signed, but language has been finalized. This has impacted PG&E's subcontracting schedule but it hopes to recover the schedule slip. It is anticipated that PG&E will sign the contract by 8/24.		

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#### Earned Value

WBS #	WISP WBS Element Name	Monthly ACWP*	BCWP To Date	Confidence 0 to 5	Comment
1.1	Project Mgmt	\$102,740	\$194,597	4	
1.2	Perform POC & Initial Project Development	\$849,428	\$870,000	4	

\* For this first Earned Value report, the monthly ACWP is cumulative costs from 1/10 thru 7/10.