



## 12 GeV Upgrade VARIANCE ANALYSIS REPORT

**WBS 1.8.: Construction – Pre-Ops**  
**Control Account Manager: Claus Rode**  
**For Period Ending: Aug 13**

12 GeV 1.8	SCHEDULE FLAG				COST FLAG			
	(A)	(B)	(B-A)	(B/A)	(C)	(D)	(C-D)	(C/D)
	Planned Value	Earned Value	Schedule Variance	Schedule Perform Index	Earned Value	Actual Cost	Cost Variance	Cost Perform Index
	BCWS	BCWP	SV	SPI	BCWP	ACWP	CV	CPI
Month of Aug-13	116	105	-11	0.91	105	323	-218	0.33
Cumulative	2257	1783	-474	0.79	1783	1885	-103	0.95

<b>Yellow Flag: Index &lt;.9 / &gt;1.1 OR Variance &gt; \$25K</b>
<b>Red Flag: Index &lt;.8 / &gt;1.2 AND Variance &gt; \$50K</b>

<p><b>1. Cause (Address Variances Individually)</b></p> <p>SV: (1.3.1) CM -59K: This was caused by the CHL#1 water main break; this Sv is holding at 5 weeks.          (1.3.2) Power -29K: This had a late start and will be fully recovered in Sep.          (1.4.2) Hall B: -79K These efforts have not started; in the re-baseline plan were postponed.          (1.5.3) Hall D Computing -196K. On line tasks that will be reduced in the rebaseline.          (1.5.4) Hall D Electronics -111K Activities that have been delayed in the rebaseline.          (1.8.3) The rebaseline has scope in WBS 1.8.3, while the baseline does not.</p> <p><b>2. Proposed Solutions (Corrective Actions)</b></p> <p>SV: See above.</p> <p>Estimated Resolution By (Date):</p> <p><b>3. Impact on Project Cost/ Schedules</b></p> <p><b>4. Comments</b></p>	
<p><b>Control Account Manager: NA</b></p>	<p><b>Project Manager: C. H. Rode</b></p>