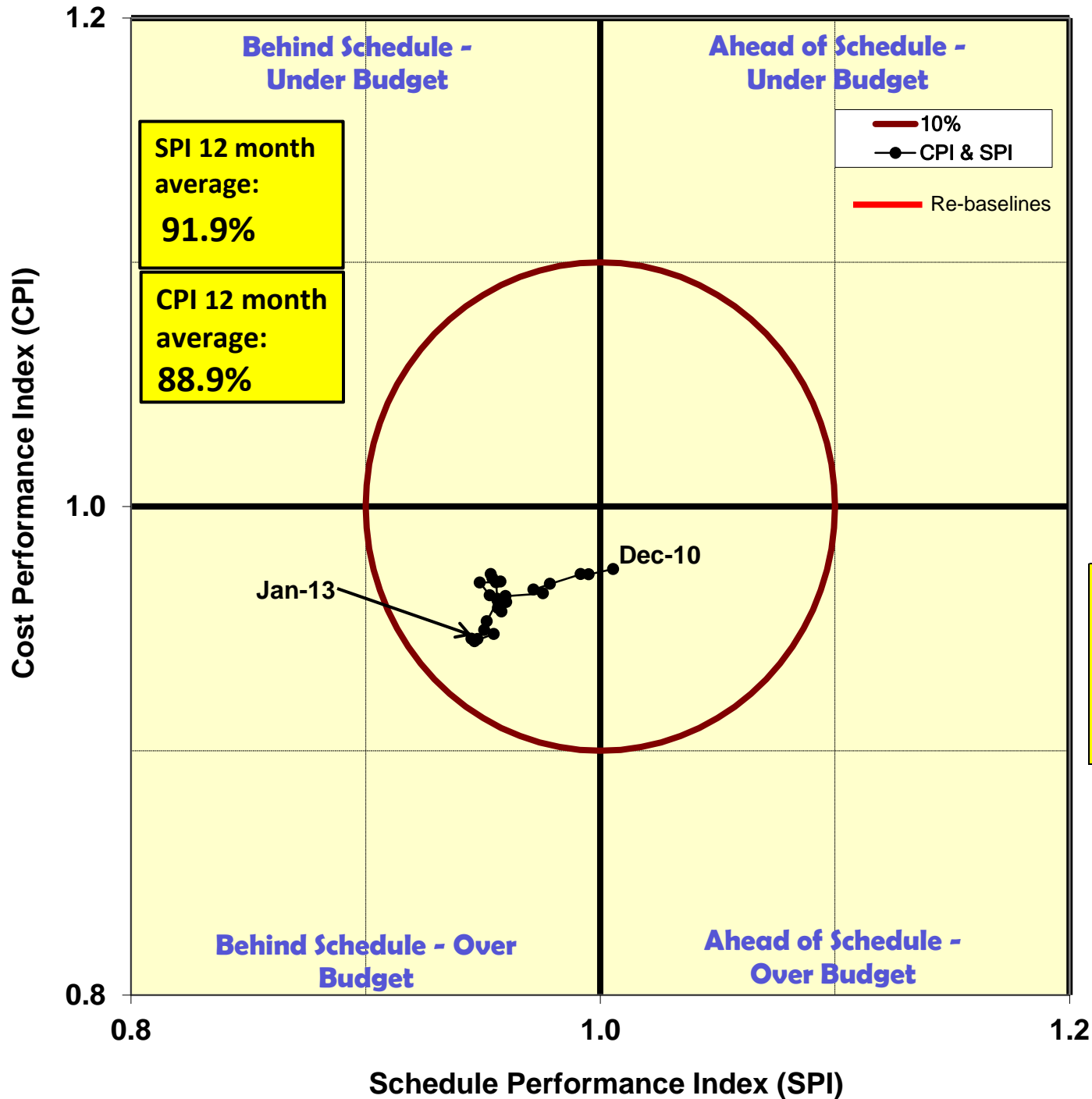


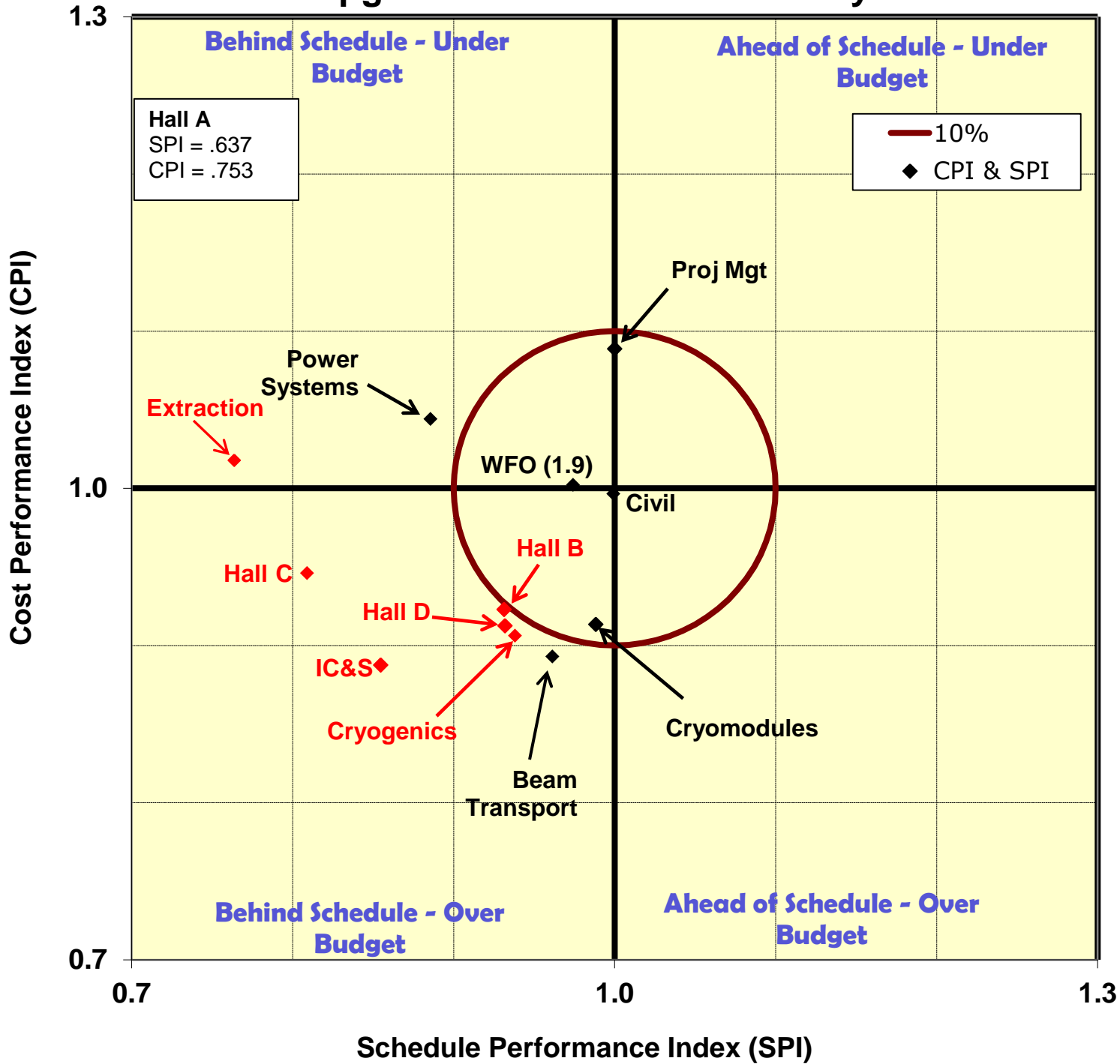
12 GeV Upgrade NP Project Total



	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	224,996	4,620
BCWP	212,640	3,792
ACWP	224,806	3,985
Sv	(12,356)	(828)
Cv	(12,167)	(193)
SPI	0.945	0.821
CPI	0.946	0.951

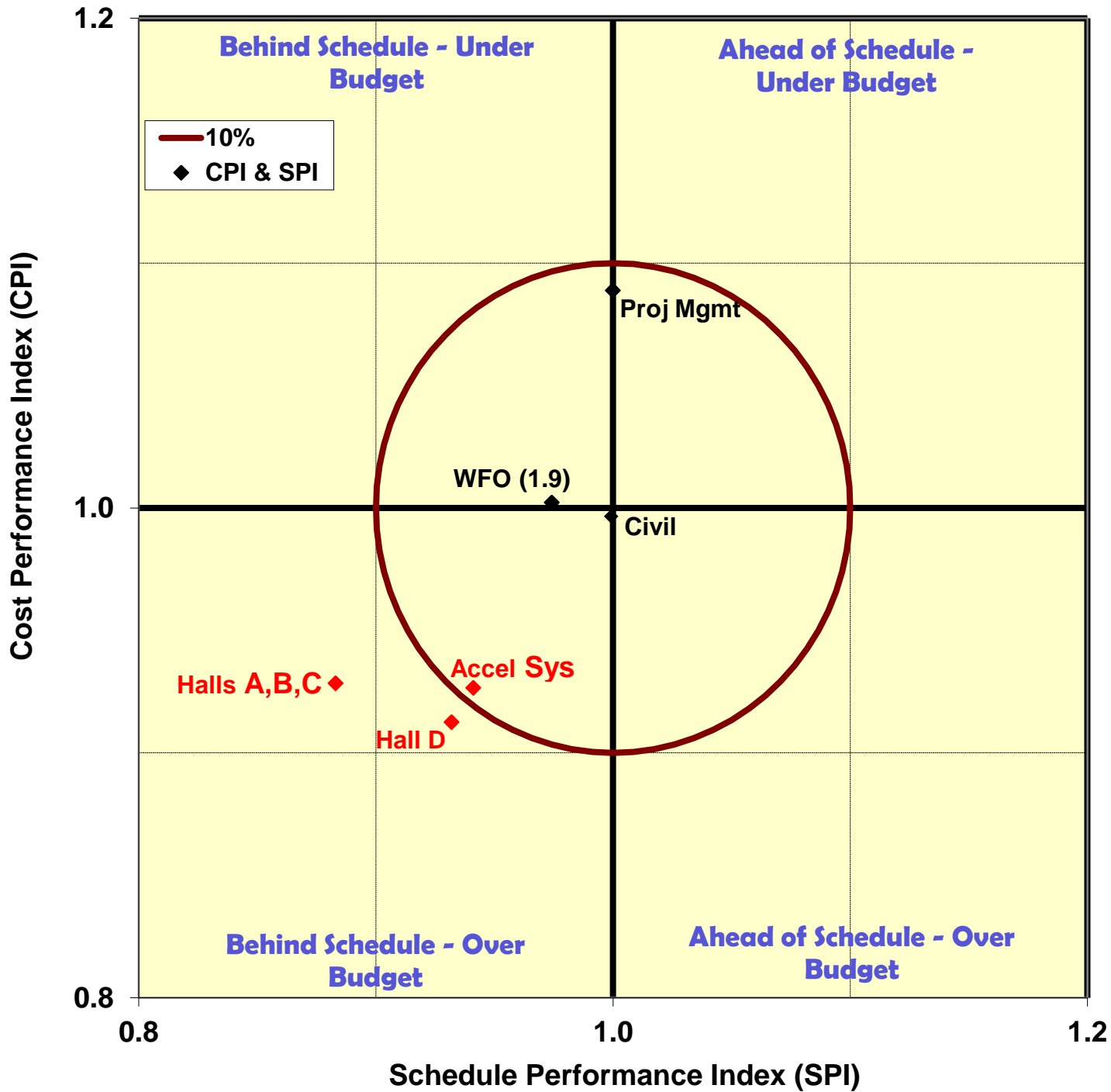
Percent Obligated	84.9%
Percent Complete	73.6%

12 GeV Upgrade Construction - January 2013

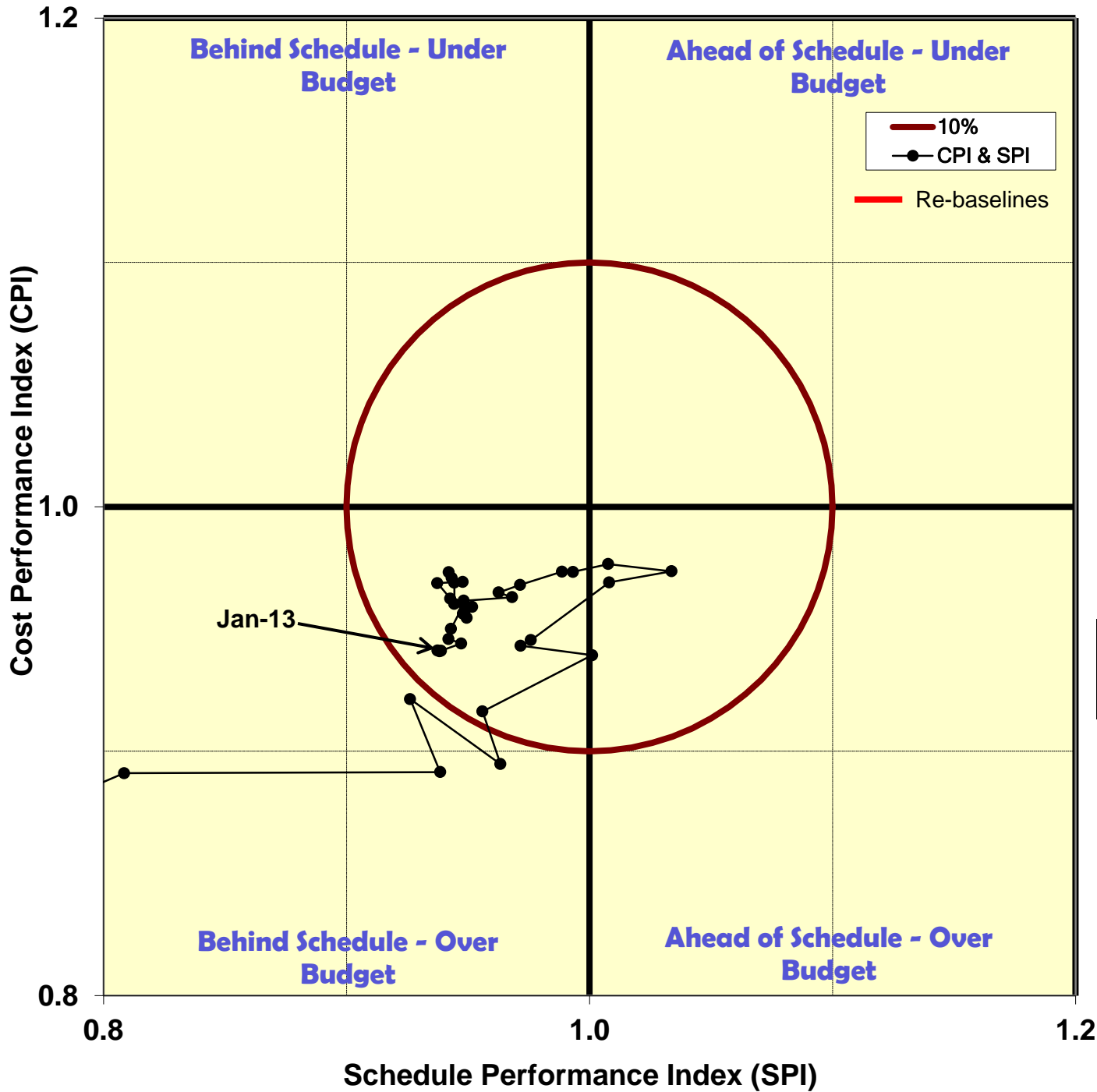


Problems

12 GeV Upgrade Construction @ Level 2 January 2013



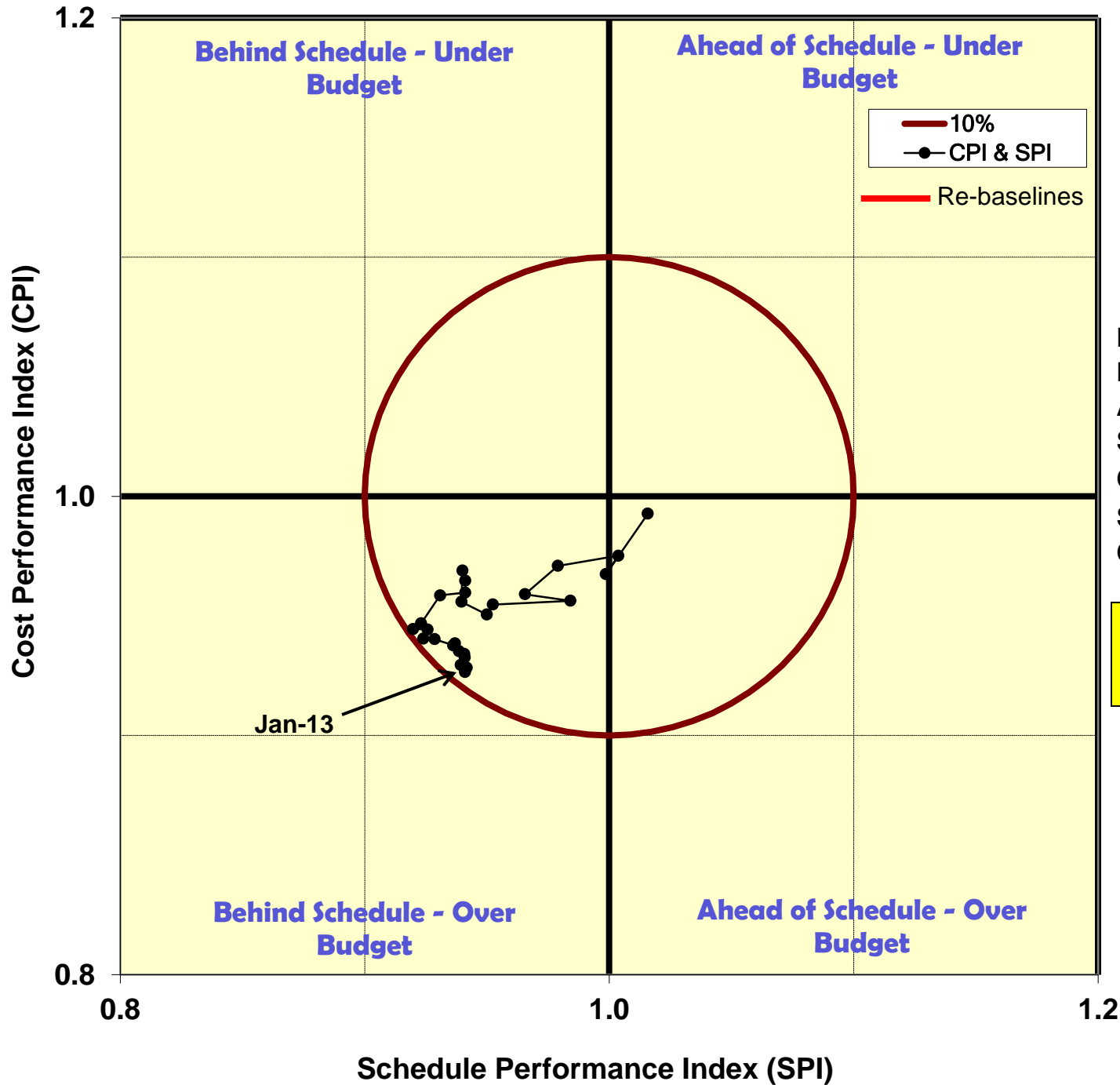
12 GeV Upgrade NP Construction



	CUM \$K	Monthly \$K
BCWS	193,793	4,207
BCWP	181,682	3,675
ACWP	193,031	3,883
Sv	(12,111)	(533)
Cv	(11,348)	(209)
SPI	0.938	0.873
CPI	0.941	0.946

Percent Complete
73.7%

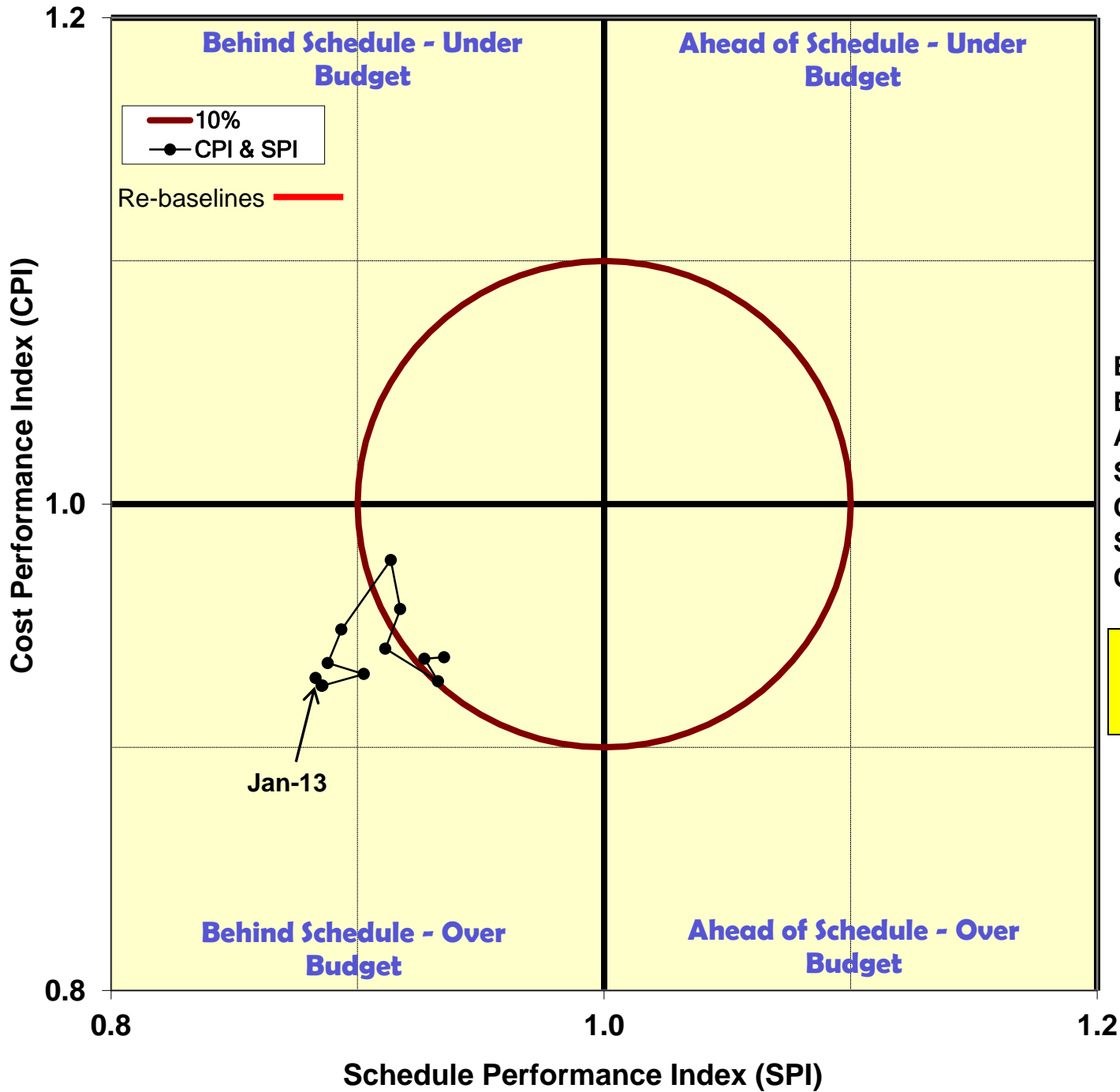
12 GeV Upgrade - Construction Accel Systems



	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	87,842	940
BCWP	82,665	821
ACWP	89,214	1,047
Sv	(5,177)	(119)
Cv	(6,550)	(226)
SPI	0.941	0.874
CPI	0.927	0.785

Percent Complete
87.6%

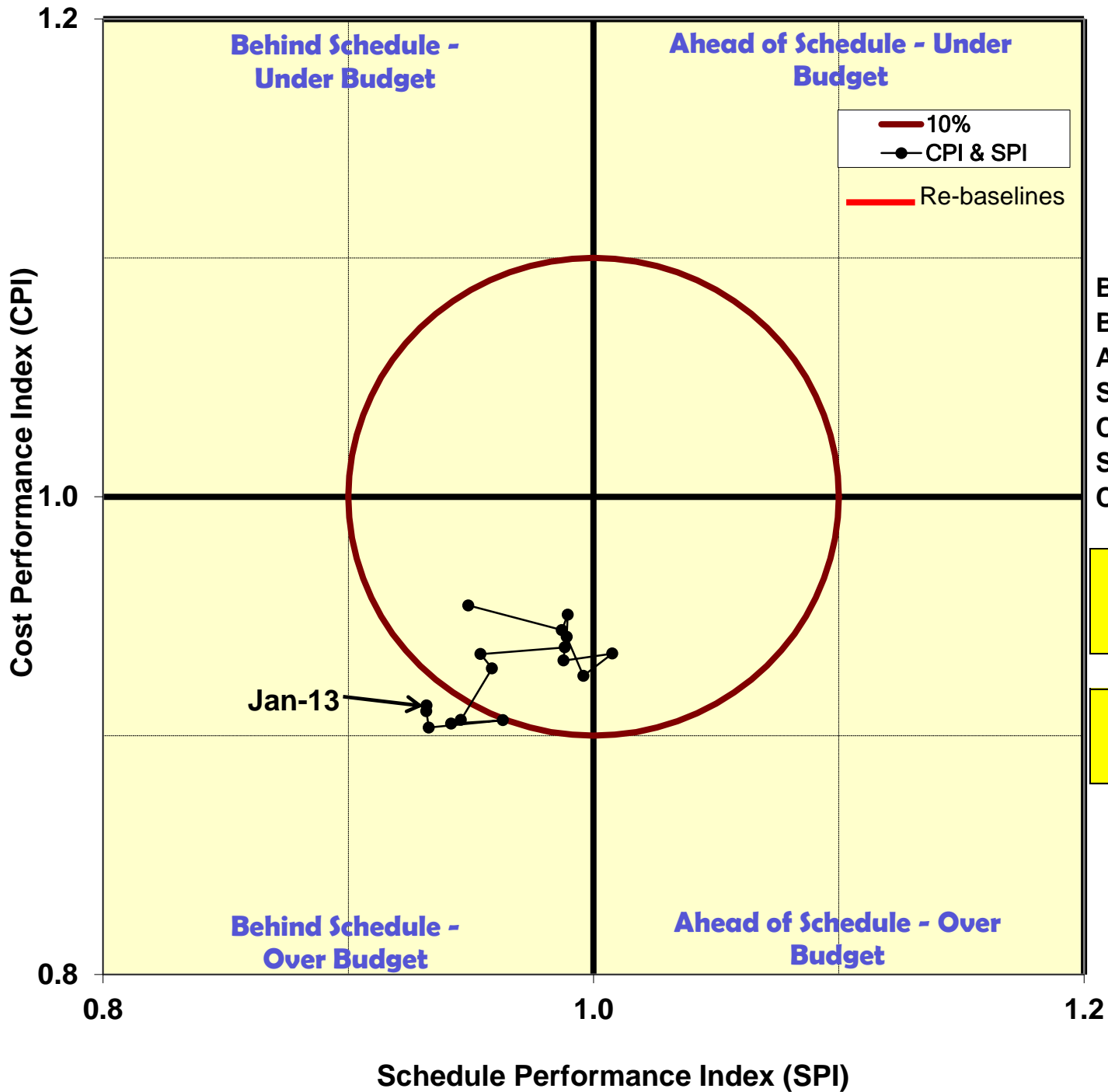
12 GeV Upgrade Construction-Upgrade Halls A,B, C



	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	43,462	2,272
BCWP	38,376	1,903
ACWP	41,333	1,915
Sv	(5,086)	(368)
Cv	(2,958)	(12)
SPI	0.883	0.838
CPI	0.928	0.994

Percent Complete
55.1%

12 GeV Upgrade Construction - Hall D

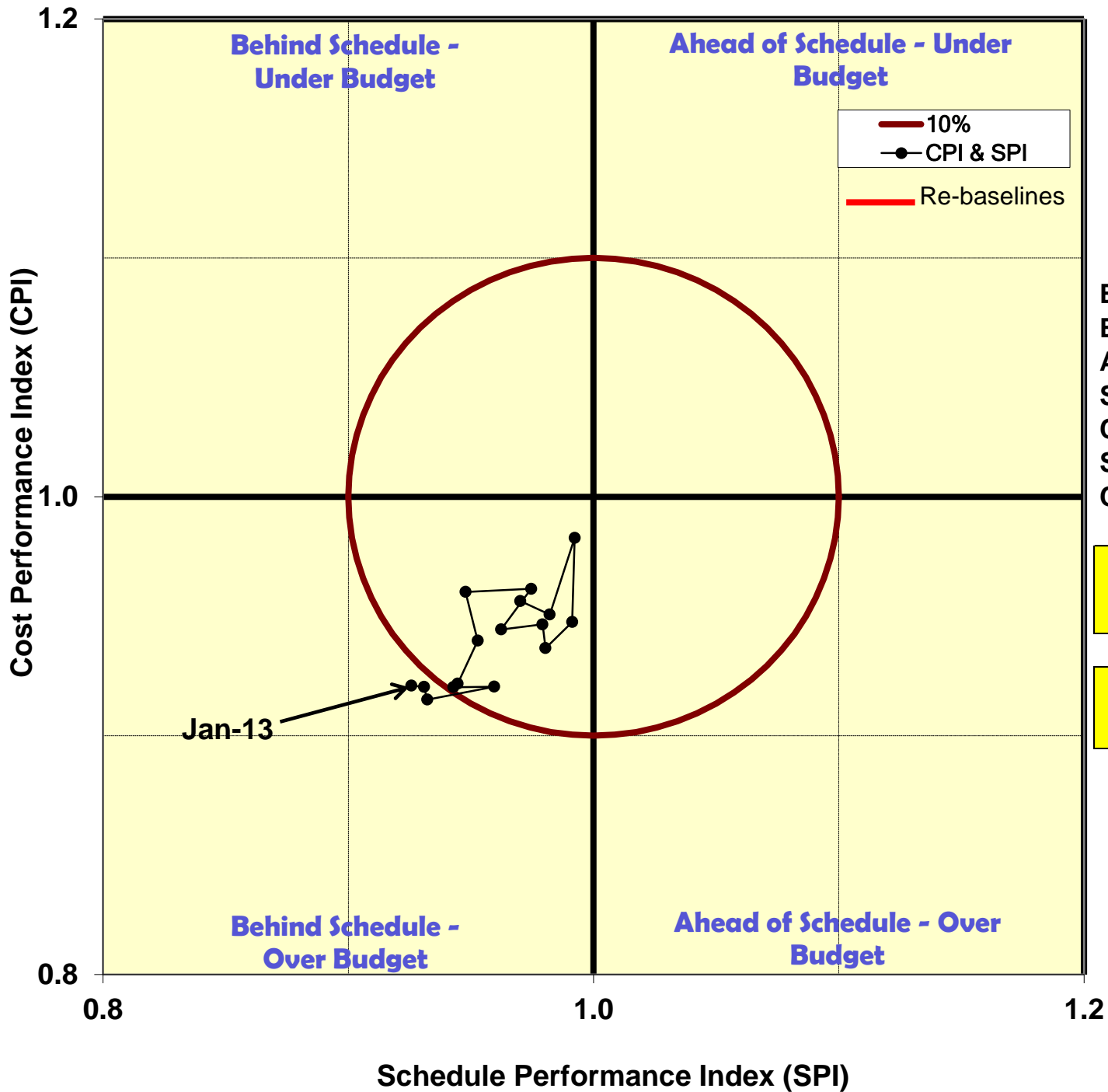


	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	26,792	825
BCWP	24,967	770
ACWP	27,360	773
Sv	(1,825)	(55)
Cv	(2,392)	(4)
SPI	0.932	0.933
CPI	0.913	0.995

Percent Obligated
68.7%

Percent Complete
57.8%

12 GeV Upgrade Construction, Pre-Ops, WFO - Hall D

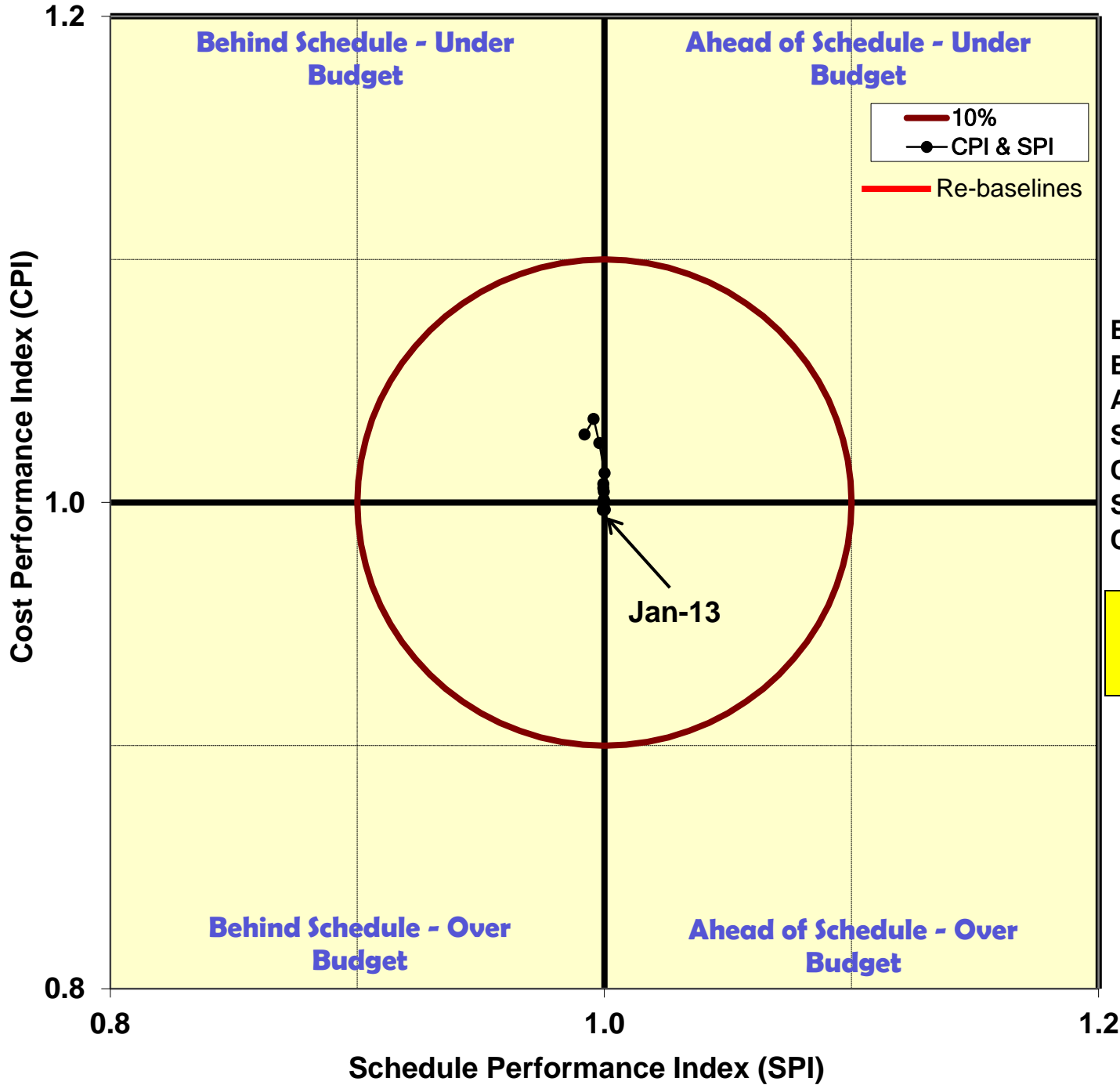


	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	32,346	1,023
BCWP	29,944	814
ACWP	32,515	836
Sv	(2,402)	(209)
Cv	(2,571)	(22)
SPI	0.926	0.796
CPI	0.921	0.974

Percent Obligated
71.4%

Percent Complete
60.6%

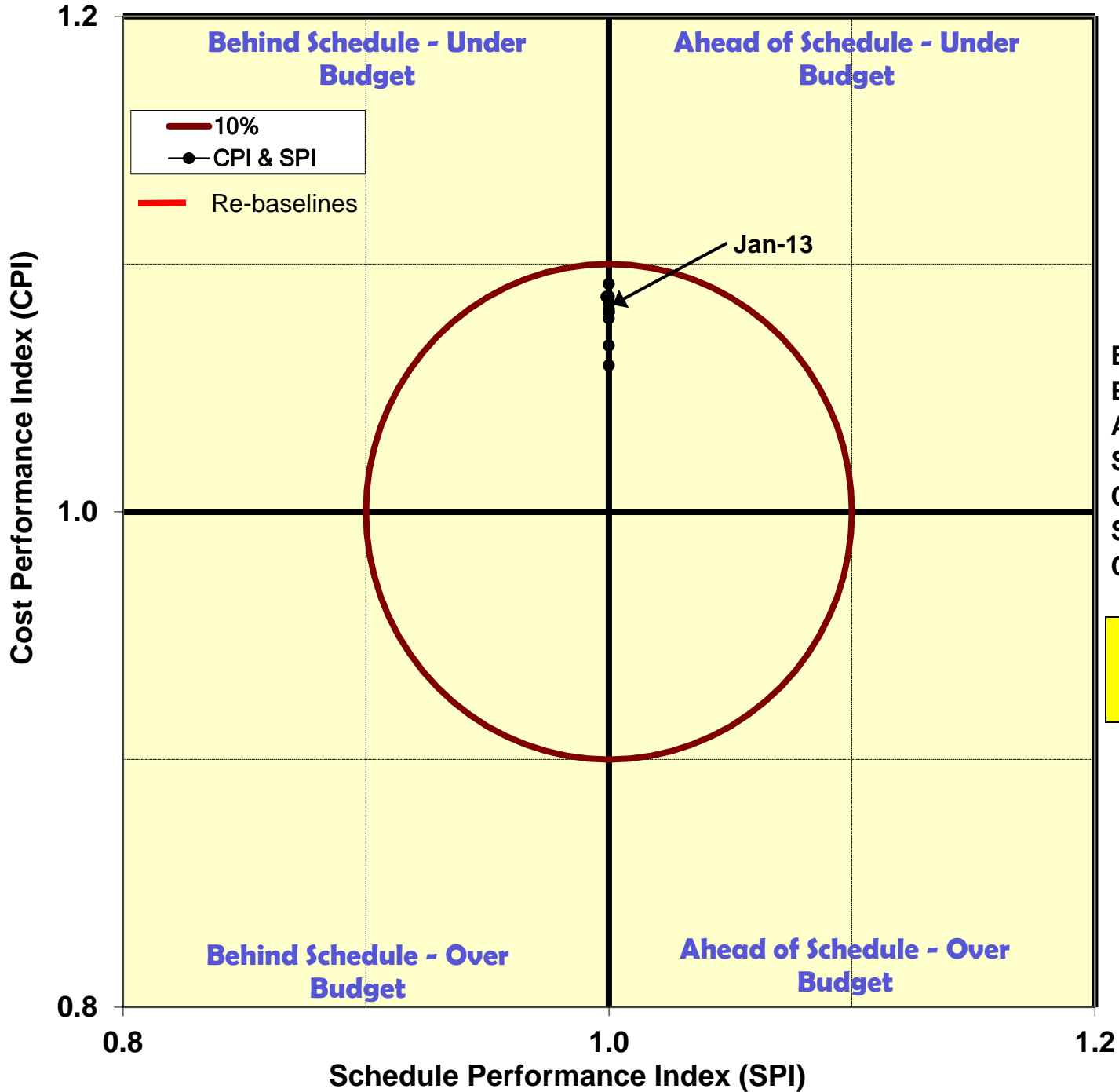
12 GeV Upgrade Construction - Civil



	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	27,775	2
BCWP	27,752	12
ACWP	27,847	2
Sv	(23)	10
Cv	(95)	10
SPI	0.999	0.000
CPI	0.997	5.084

Percent Complete
91.8%

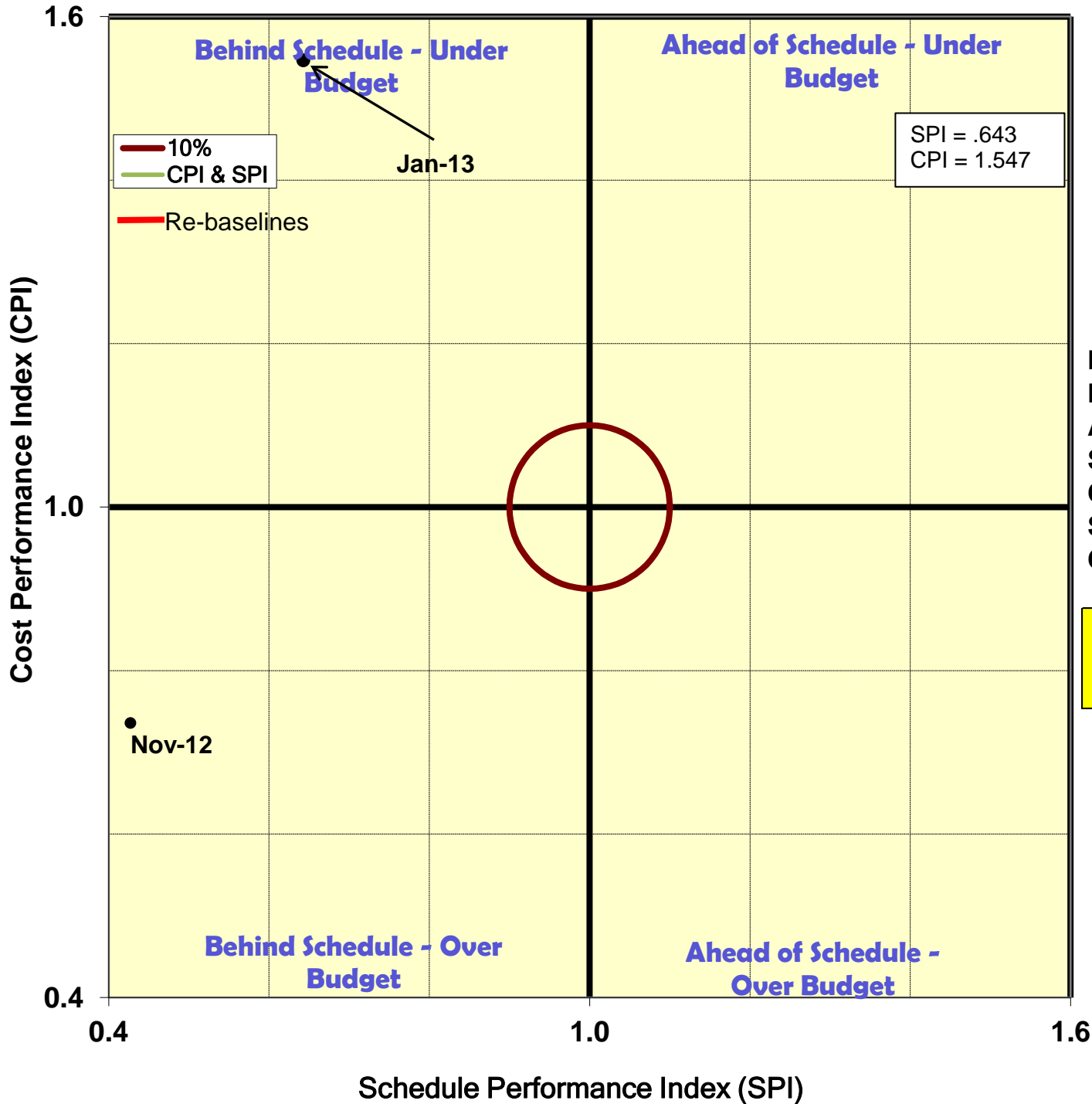
12 GeV Upgrade Construction - Project Management



	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	7,922	169
BCWP	7,922	169
ACWP	7,277	146
Sv	0	0
Cv	646	23
SPI	1.000	1.000
CPI	1.089	1.157

Percent Complete
86.1%

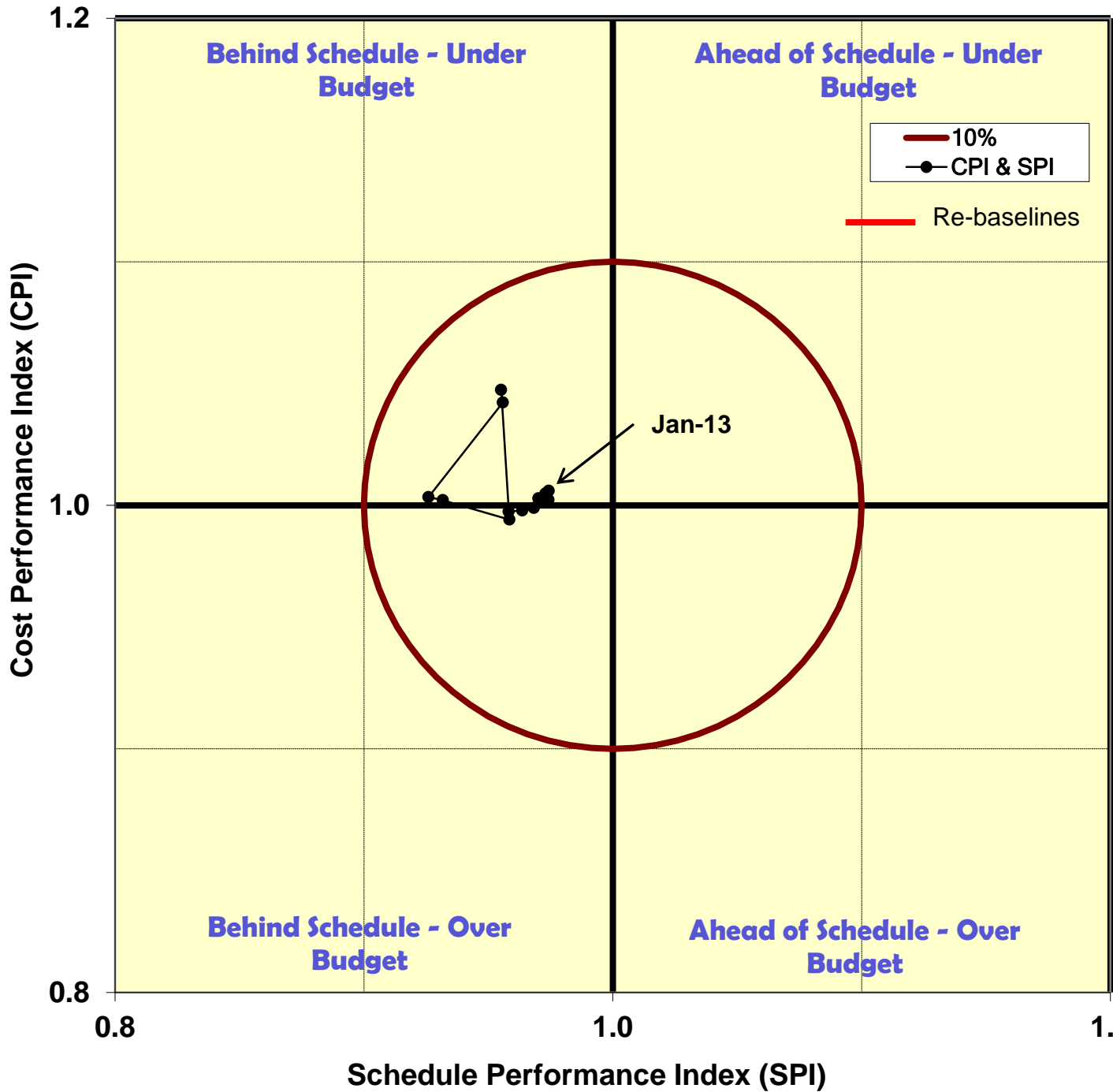
12 GeV Upgrade - Pre-Ops



	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	687	413
BCWP	442	117
ACWP	286	102
Sv	(245)	(296)
Cv	156	15
SPI	0.643	0.284
CPI	1.547	1.151

Percent Complete
3.7%

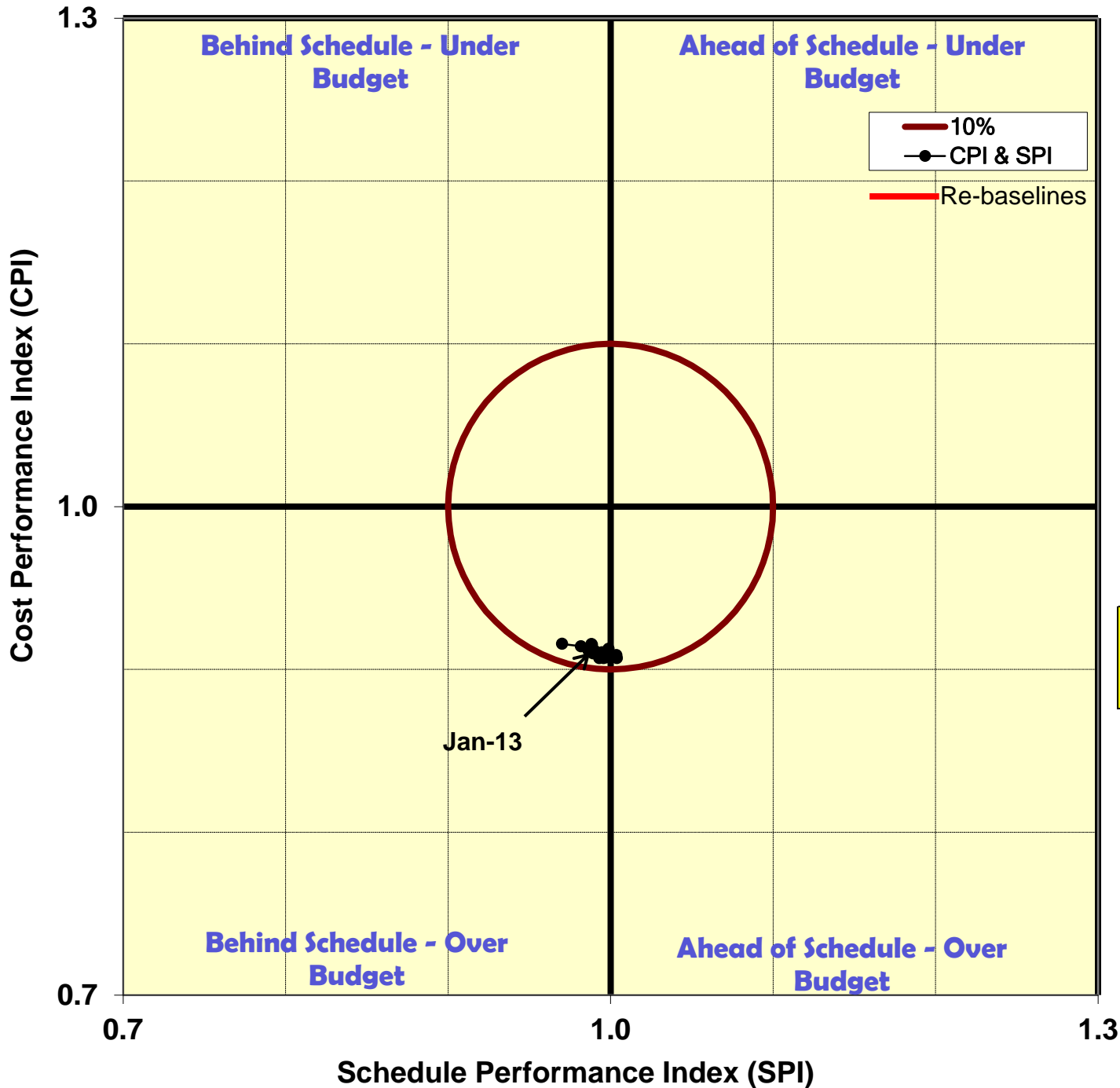
12 GeV Upgrade Construction - WFO Funding (1.9)



	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	8,656	17
BCWP	8,432	15
ACWP	8,413	46
Sv	(224)	(2)
Cv	19	(31)
SPI	0.974	0.910
CPI	1.002	0.331

Percent Complete
96.4%

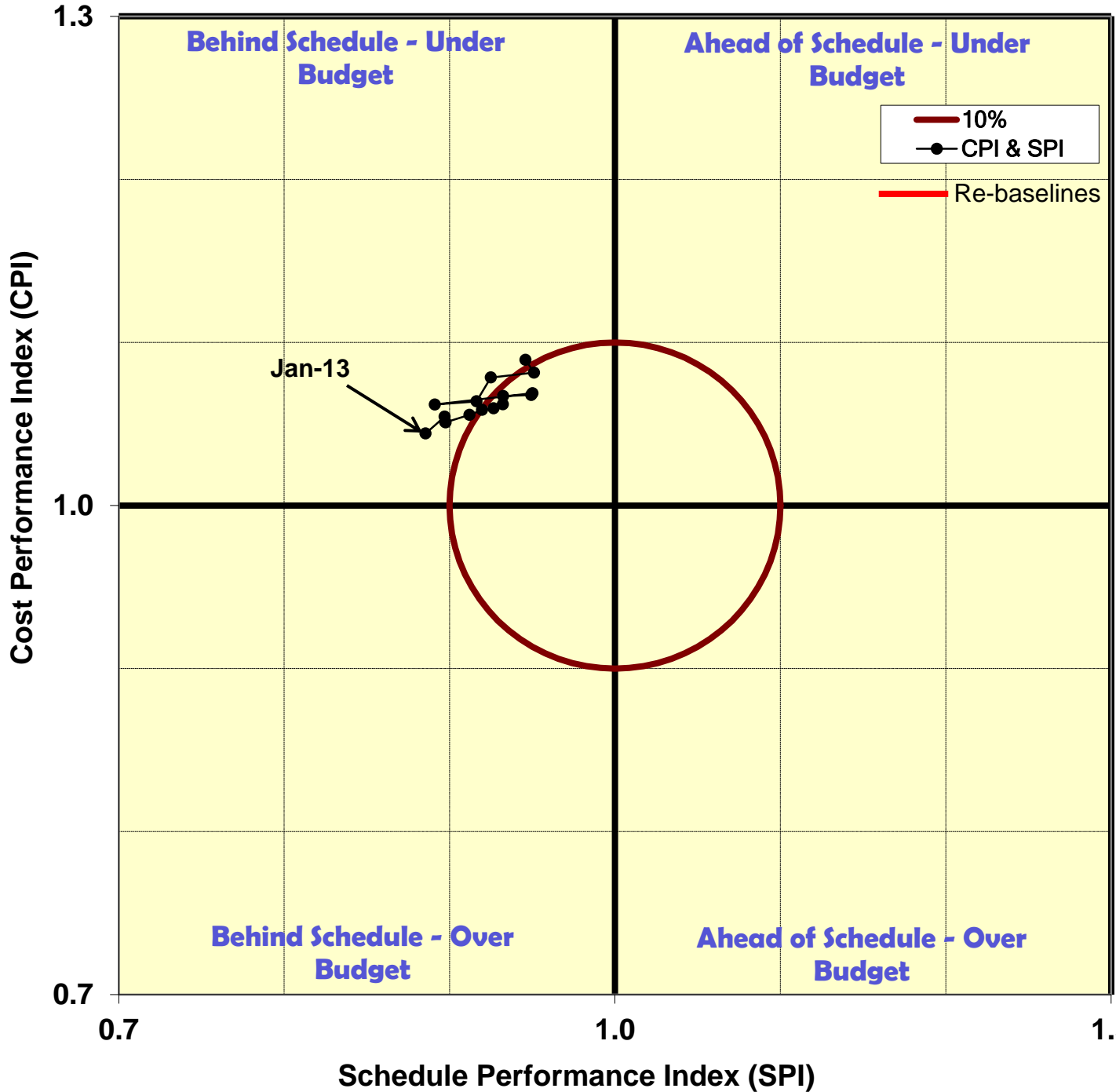
12 GeV Upgrade Construction - Cryomodules



	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	23,503	76
BCWP	23,228	69
ACWP	25,429	121
Sv	(275)	(7)
Cv	(2,201)	(52)
SPI	0.988	0.911
CPI	0.913	0.571

Percent Complete
98.4%

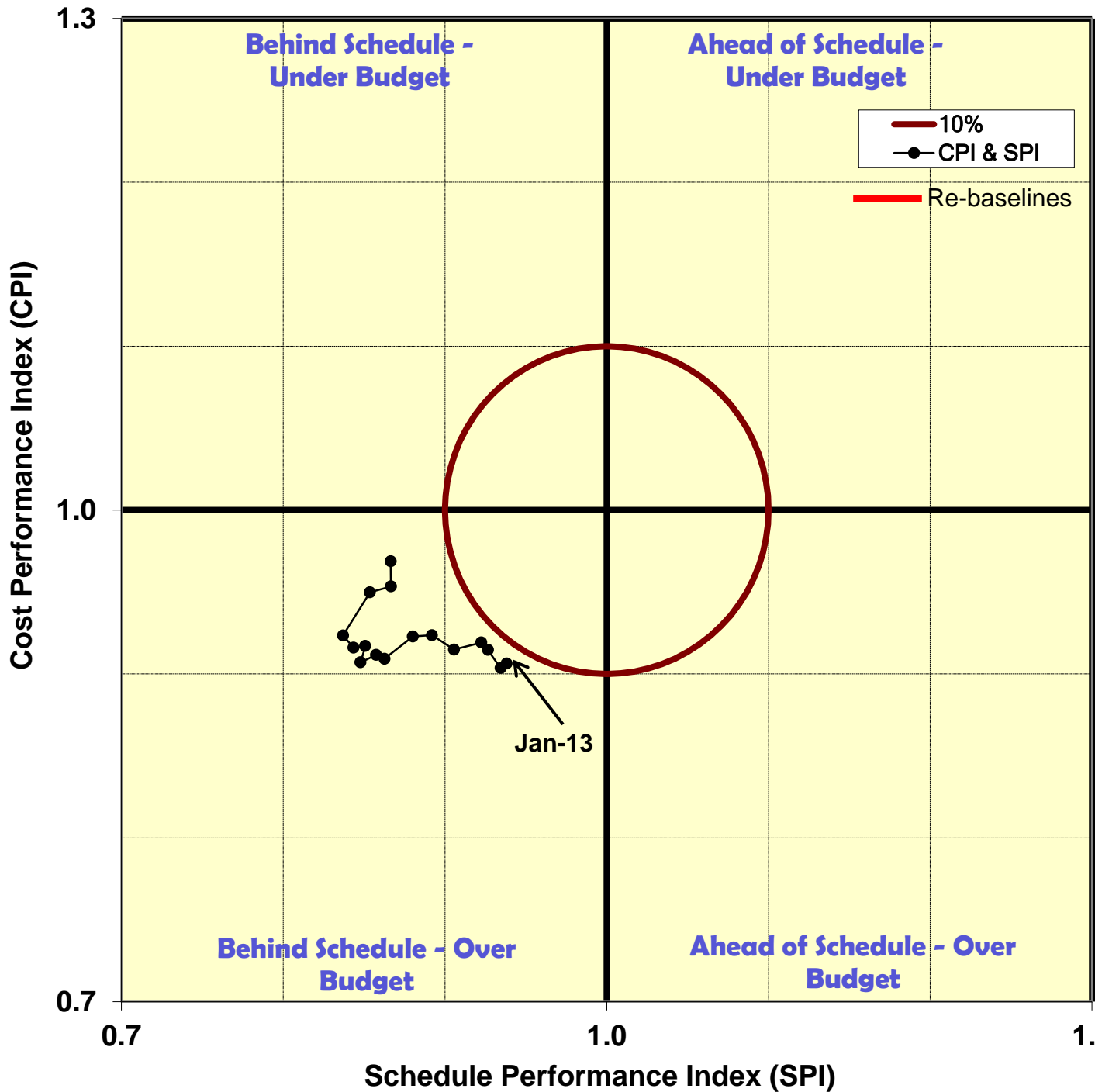
12 GeV Upgrade Construction - Power Systems



	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	16,551	390
BCWP	14,657	159
ACWP	14,037	289
Sv	(1,894)	(231)
Cv	620	(130)
SPI	0.886	0.408
CPI	1.044	0.551

Percent Complete
75.3%

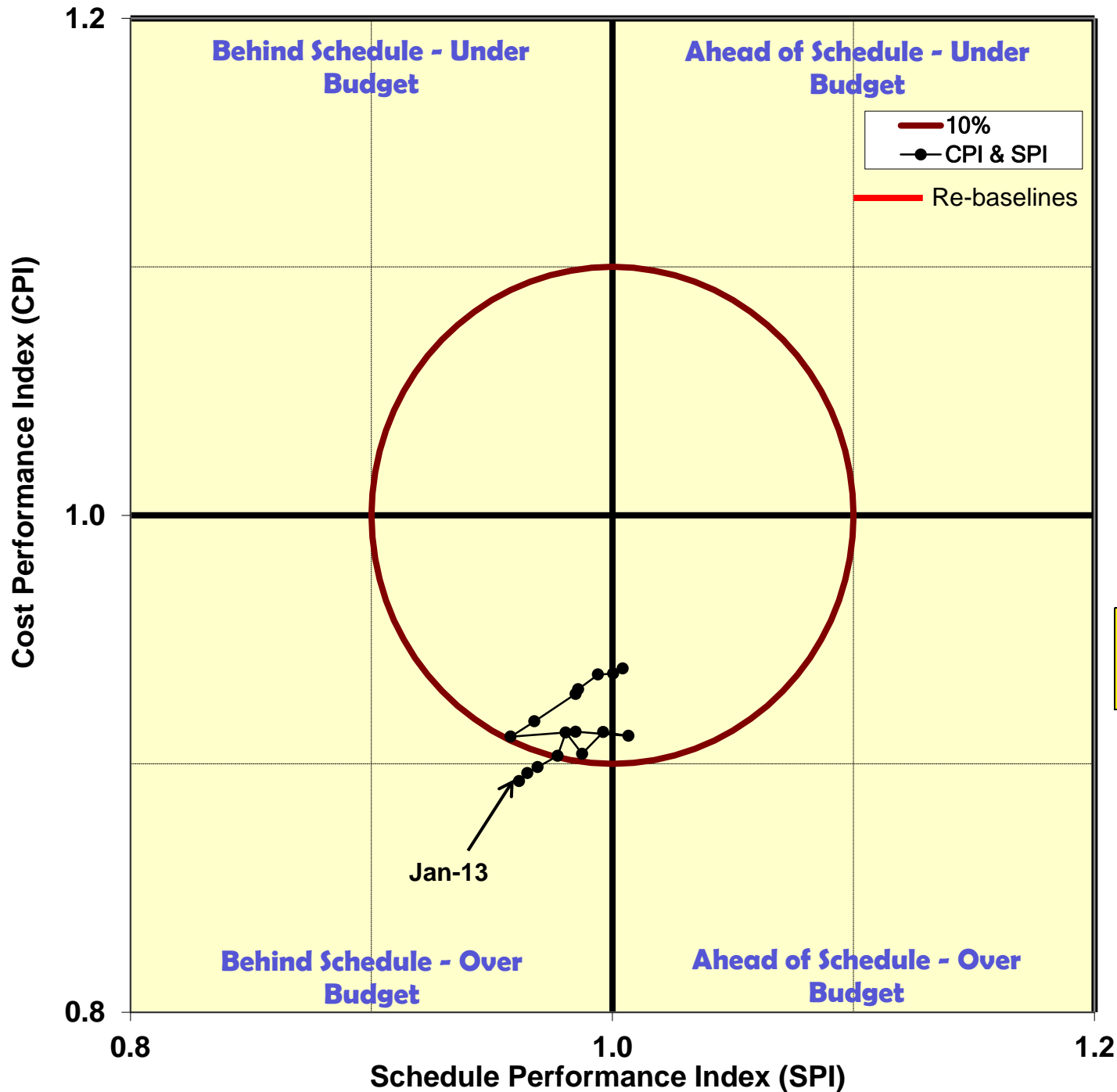
12 GeV Upgrade Construction - Cryogenics



	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	23,409	26
BCWP	21,960	110
ACWP	24,230	49
Sv	(1,450)	84
Cv	2,271	(61)
SPI	25,680	(35)
CPI	0.906	2.232

Percent Complete
93.5%

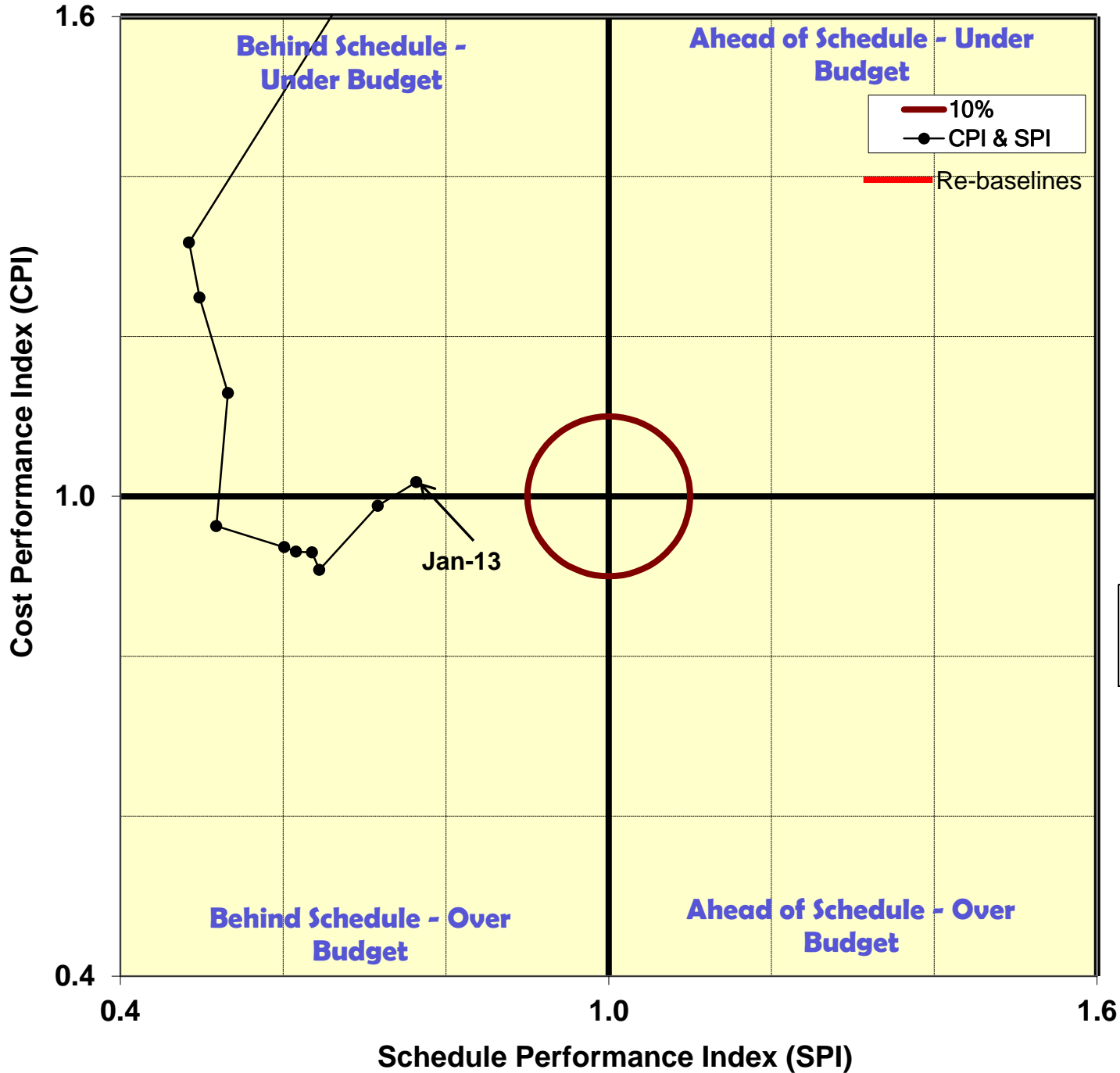
12 GeV Upgrade Construction - Beam Transport



	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	19,110	311
BCWP	18,370	235
ACWP	20,570	336
Sv	(740)	(77)
Cv	(2,200)	(101)
SPI	0.961	0.754
CPI	0.893	0.699

Percent Complete
89.5%

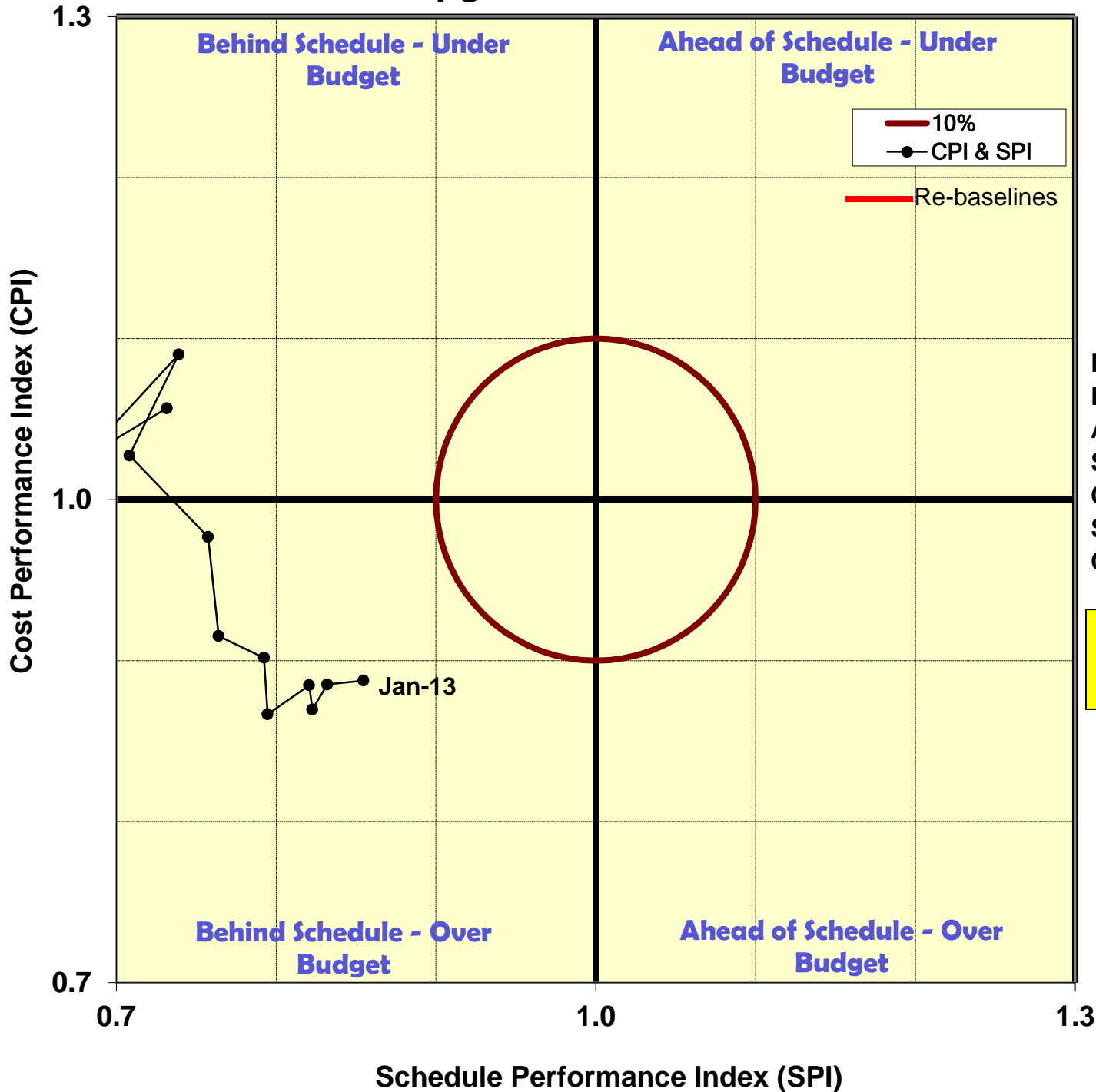
12 GeV Upgrade Construction - Extraction



	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	592	0
BCWP	452	28
ACWP	444	15
Sv	(140)	28
Cv	8	13
SPI	0.764	0.000
CPI	1.018	1.868

Percent Complete
76.4%

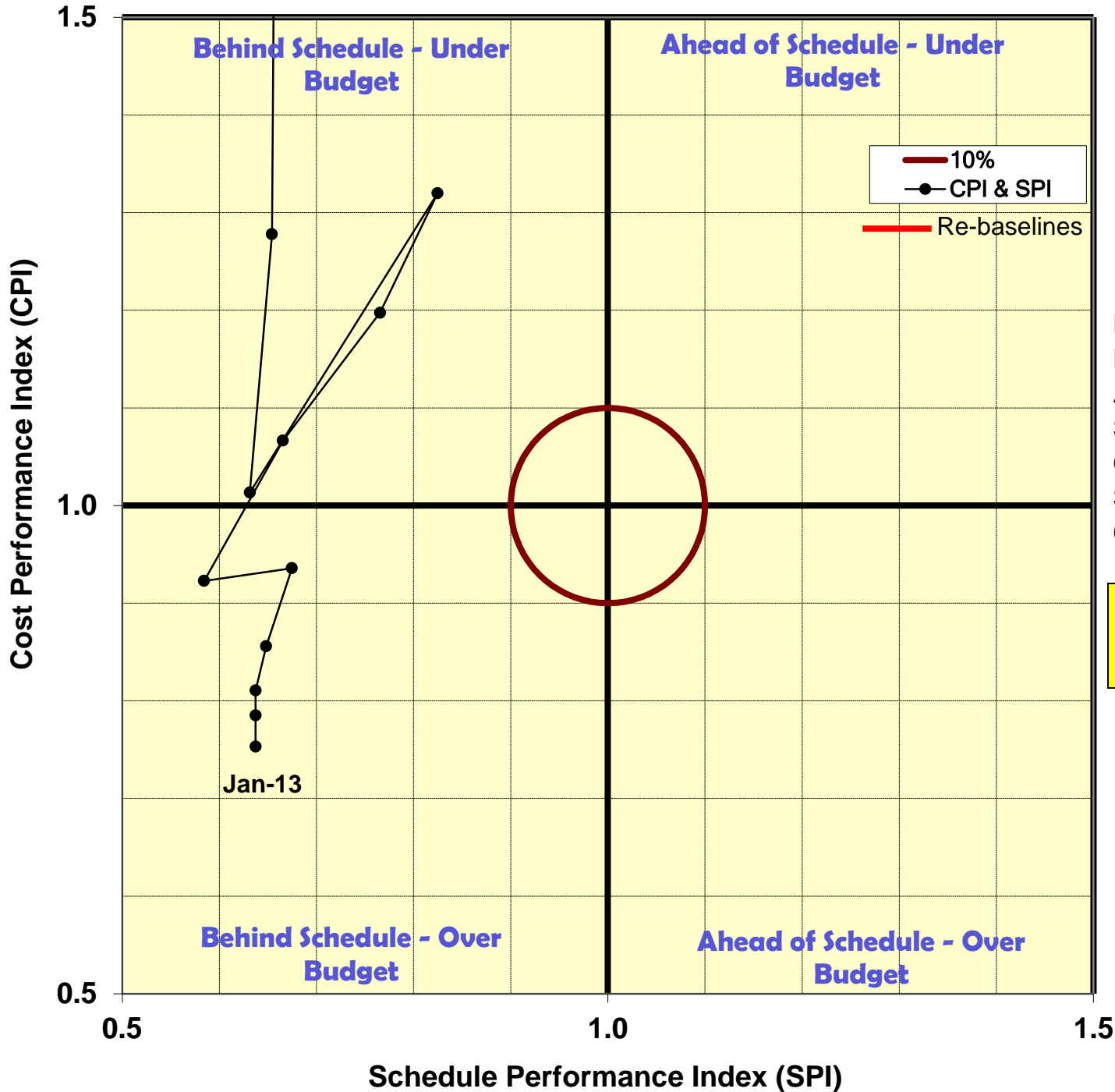
12 GeV Upgrade Construction - IC&S



	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	4,677	137
BCWP	3,997	220
ACWP	4,504	237
Sv	(680)	83
Cv	(506)	(17)
SPI	0.855	1.605
CPI	0.888	0.930

Percent Complete
59.4%

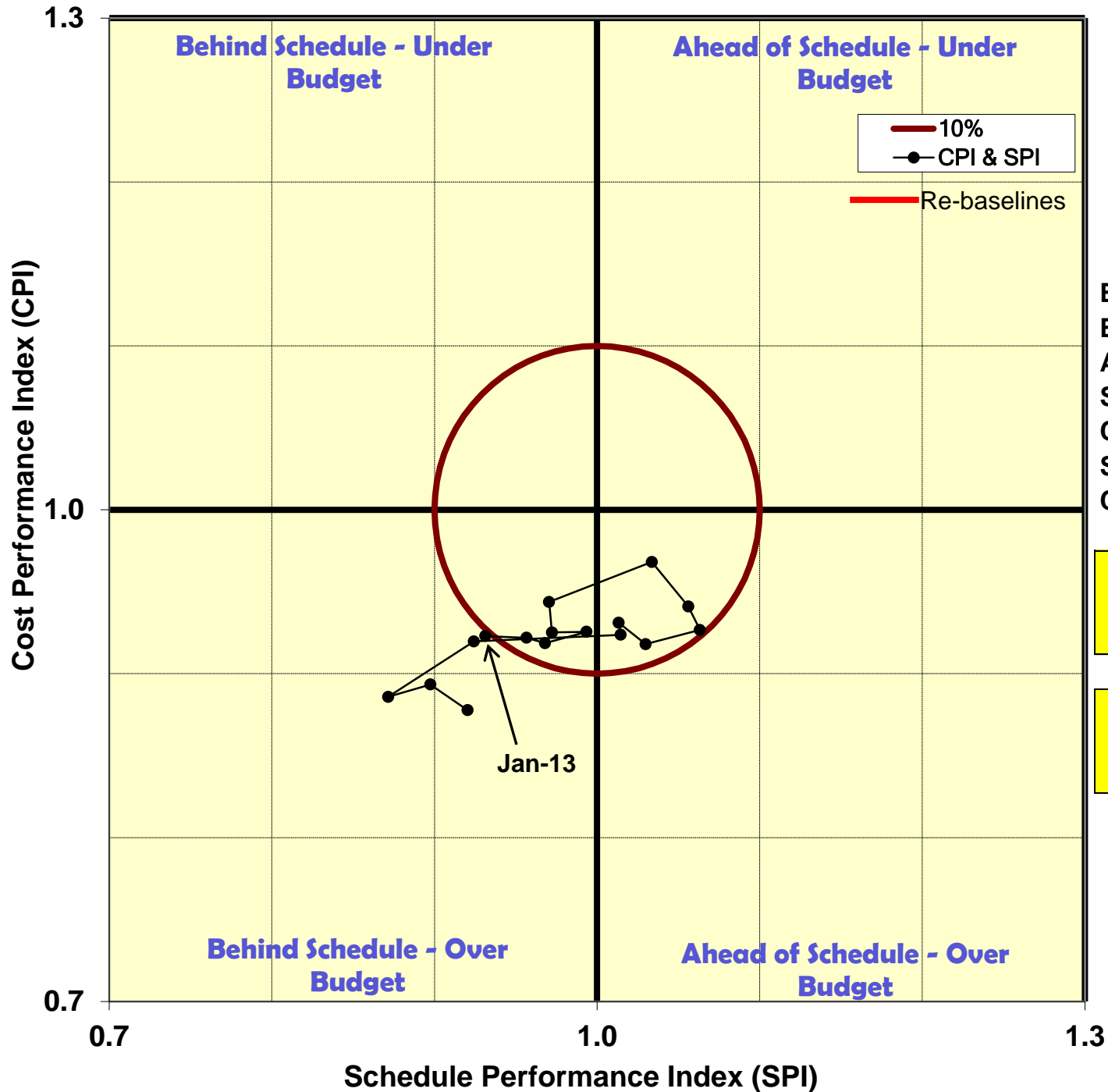
12 GeV Upgrade Construction - Hall A



	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	588	0
BCWP	375	0
ACWP	498	20
Sv	(213)	0
Cv	(123)	(20)
SPI	0.637	0.000
CPI	0.753	0.000

Percent Complete
63.7%

12 GeV Upgrade Construction - Hall B

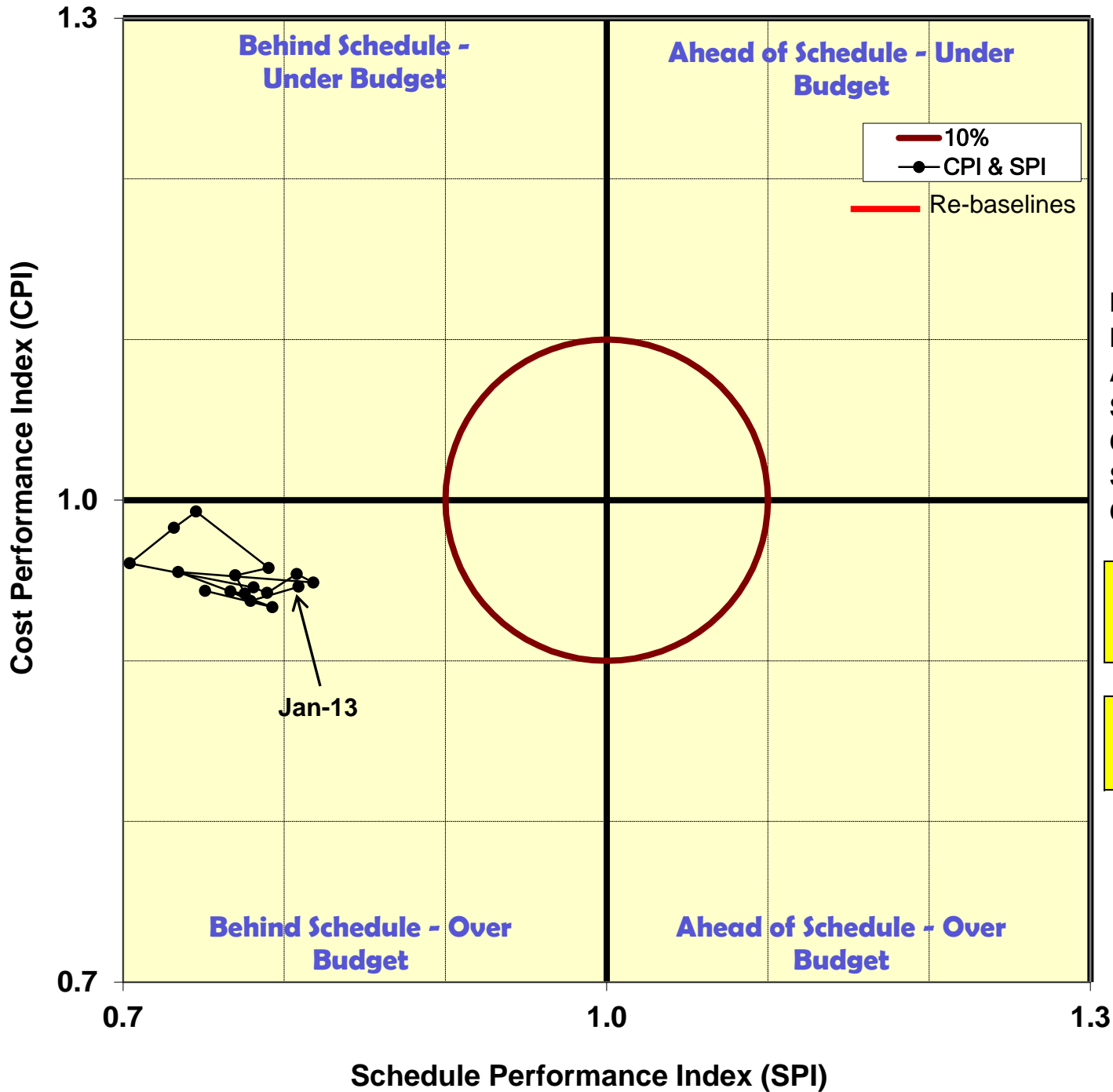


	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	27,119	1,974
BCWP	25,257	1,203
ACWP	27,366	1,274
Sv	(1,863)	(771)
Cv	(2,109)	(71)
SPI	0.931	0.610
CPI	0.923	0.944

Percent Obligated
82.0%

Percent Complete
60.1%

12 GeV Upgrade Construction - Hall C

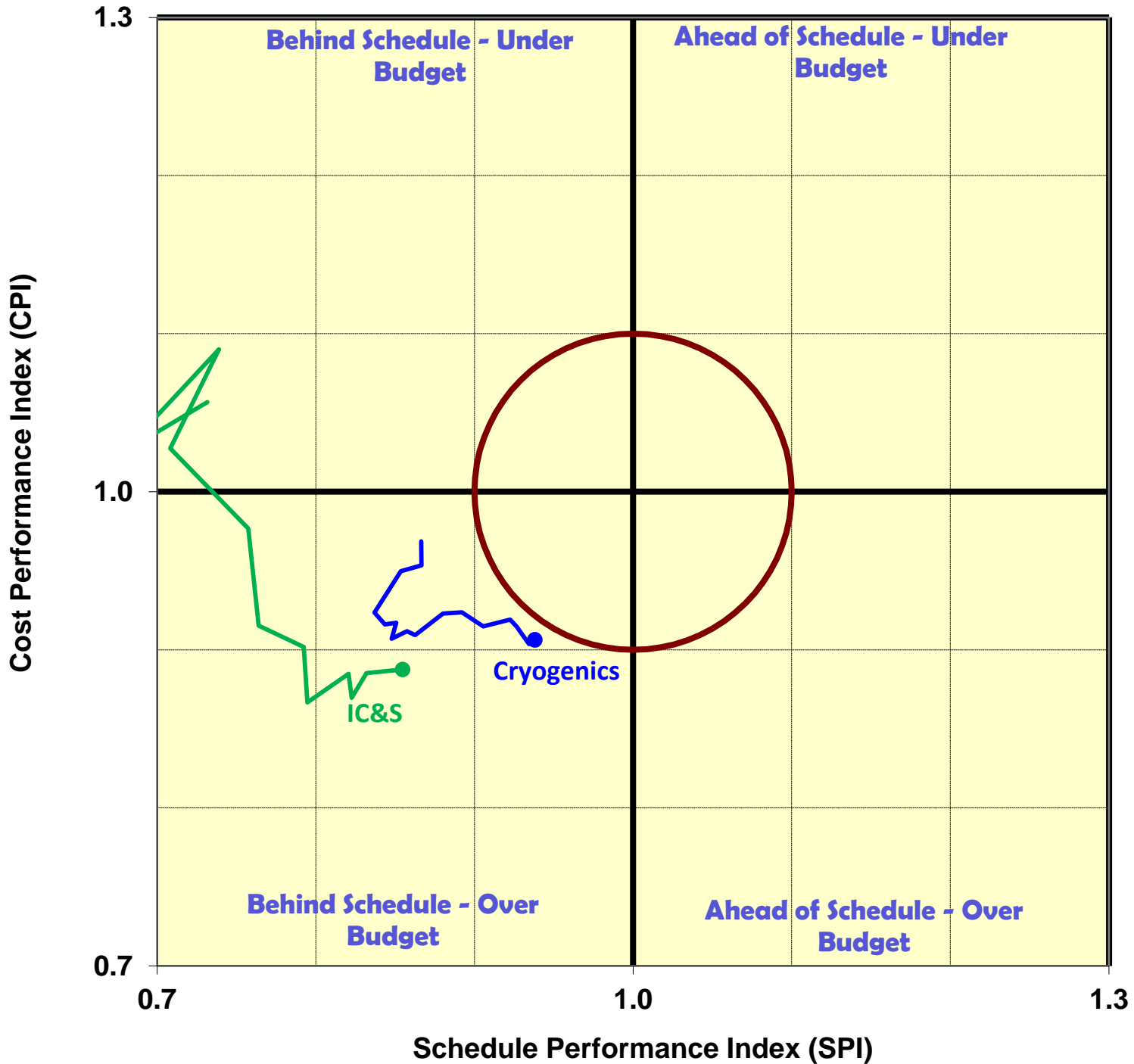


	<u>CUM \$K</u>	<u>Monthly \$K</u>
BCWS	15,754	298
BCWP	12,744	700
ACWP	13,470	621
Sv	(3,010)	402
Cv	(726)	79
SPI	0.809	2.351
CPI	0.946	1.128

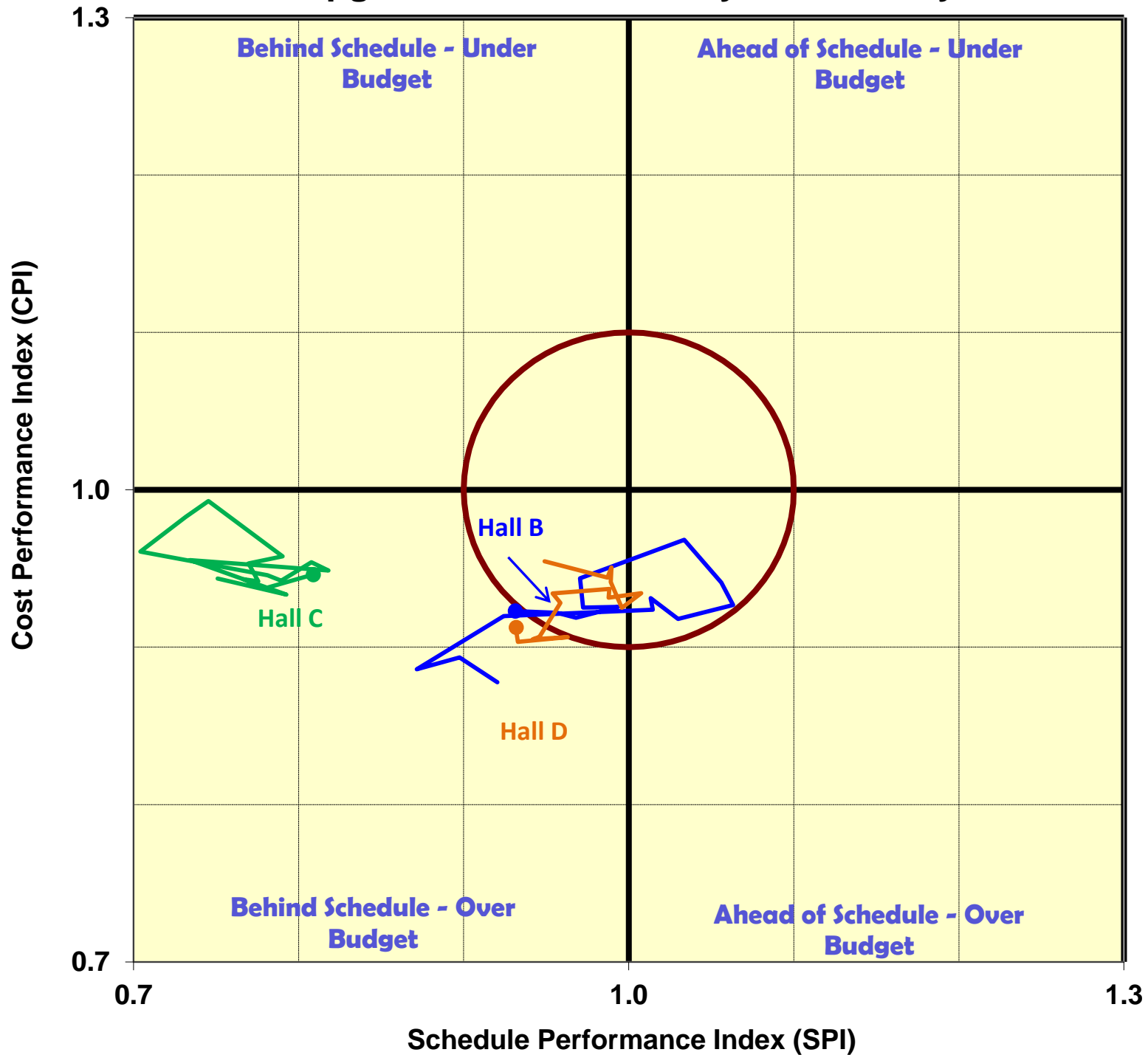
Percent Obligated
73.4%

Percent Complete
47.1%

12 GeV Upgrade - Problems - Accelerator Systems January 2013



12 GeV Upgrade - Problems - Physics January 2013



12 GeV Upgrade Project Total

