

Los Alamos National Laboratory
&
Livermore National Laboratory
Pu Sustainment Monthly Program Review

September 2011

(b) (6), Program Director
Integrated Program Management

September Accomplishments:

Pits:

- Completed assembly of a subcomponent for (b) (7)(F)
- Demonstrated capabilities for the 225 kV cabinet radiography

Issues:

- None

Gemini:

- The Gemini mold was received
- 1st casting of Gemini (b) (7)(F) was completed
- Completed the design of the tool post and sent out for fabrication (expect delivery in mid November)

Issues:

- None

Power Supply:

- All six FSO's required to complete the FY11 L2 milestone successfully passed radiography and were accepted as safety class containers
- (b) (7)(F)
- (b) (7)(F)
- Delivered final designs for Chemistry GBs and for the Power Supply Assembly Area
- Completed the orders for 2 new Chemistry GBs.
- Completed orders with vendors for Low voltage (b) (7)(F), and all other critical equipment required for production.

Issues:

- None

LLNL

- DA completed review and release of design definition documents.
- LLNL issued report for phase one of determining (b) (7)(F)
- (b) (7)(F)
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- Installation of mechanical equipment for the Modern Foundry was completed and "cold" testing of transport components was initiated.

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- Fabrication of a few electrical chassis for furnace power were delayed due to a diversion of fabrication resources to other LLNL priorities. These electrical chassis will be completed and connected the first quarter of FY12.
- (b) (7)(F)

FY11 Level 2 Milestones DSW – Pu Sustainment

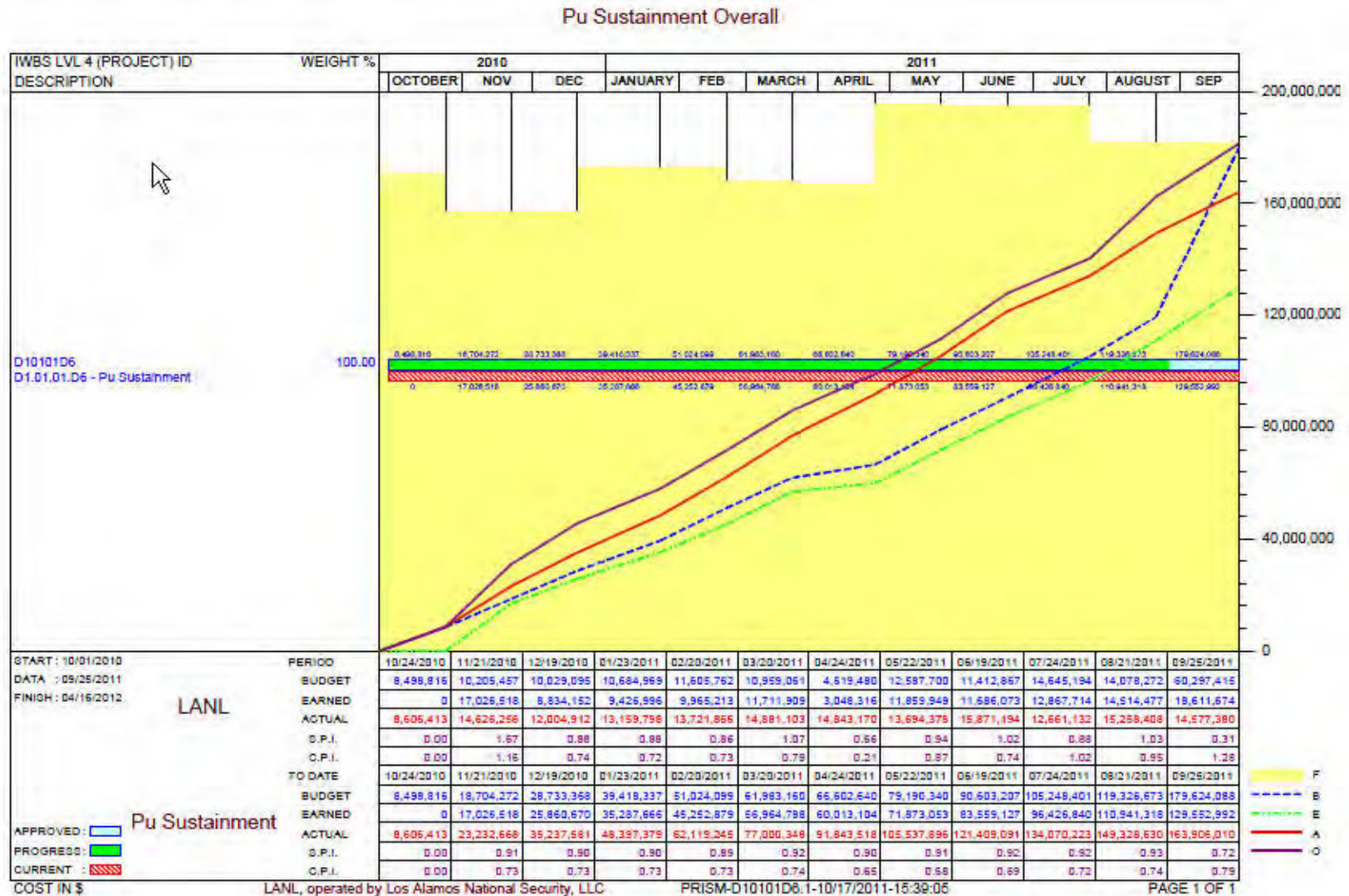
- Final FY11 MRT and L2 Milestone report for FY11.

MRT ID	MRT Description	Due date/ PSM Status
	Pu Sustainment LANL	
3712	(b) (7)(F)	9/30/11
3713	Power Supply material recovery IAW PEP	9/30/11
3714	D&D of (b) (7)(F) IAW PEP	9/30/11
3715	(b) (7)(F)	9/30/11
	Pu Sustainment LLNL	
3712	(b) (7)(F)	9/30/11
3715	(b) (7)(F)	9/30/11

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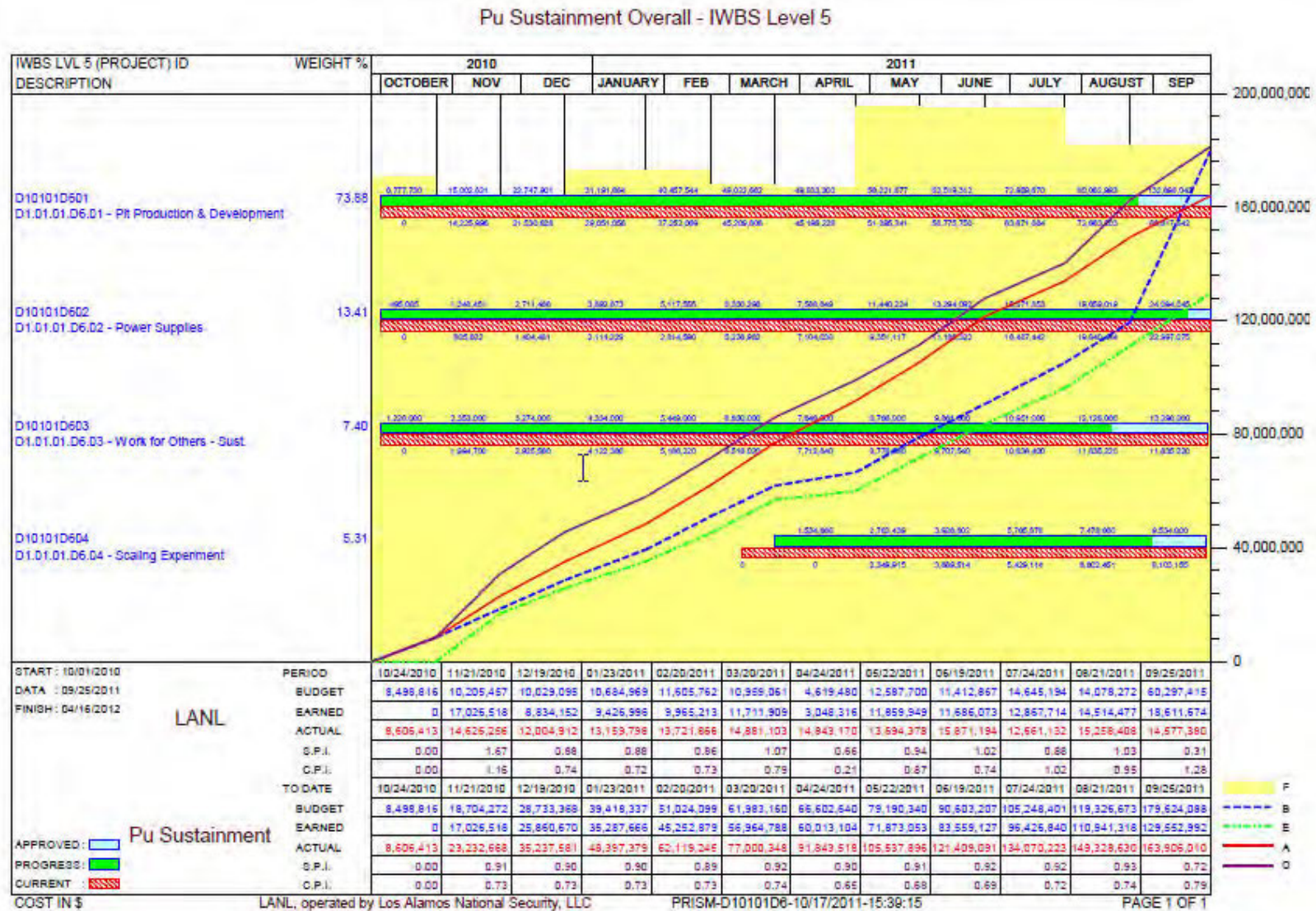
Pu Sustainment – Overall Performance Chart

- Final overall performance chart for Pu Sustainment for FY11.



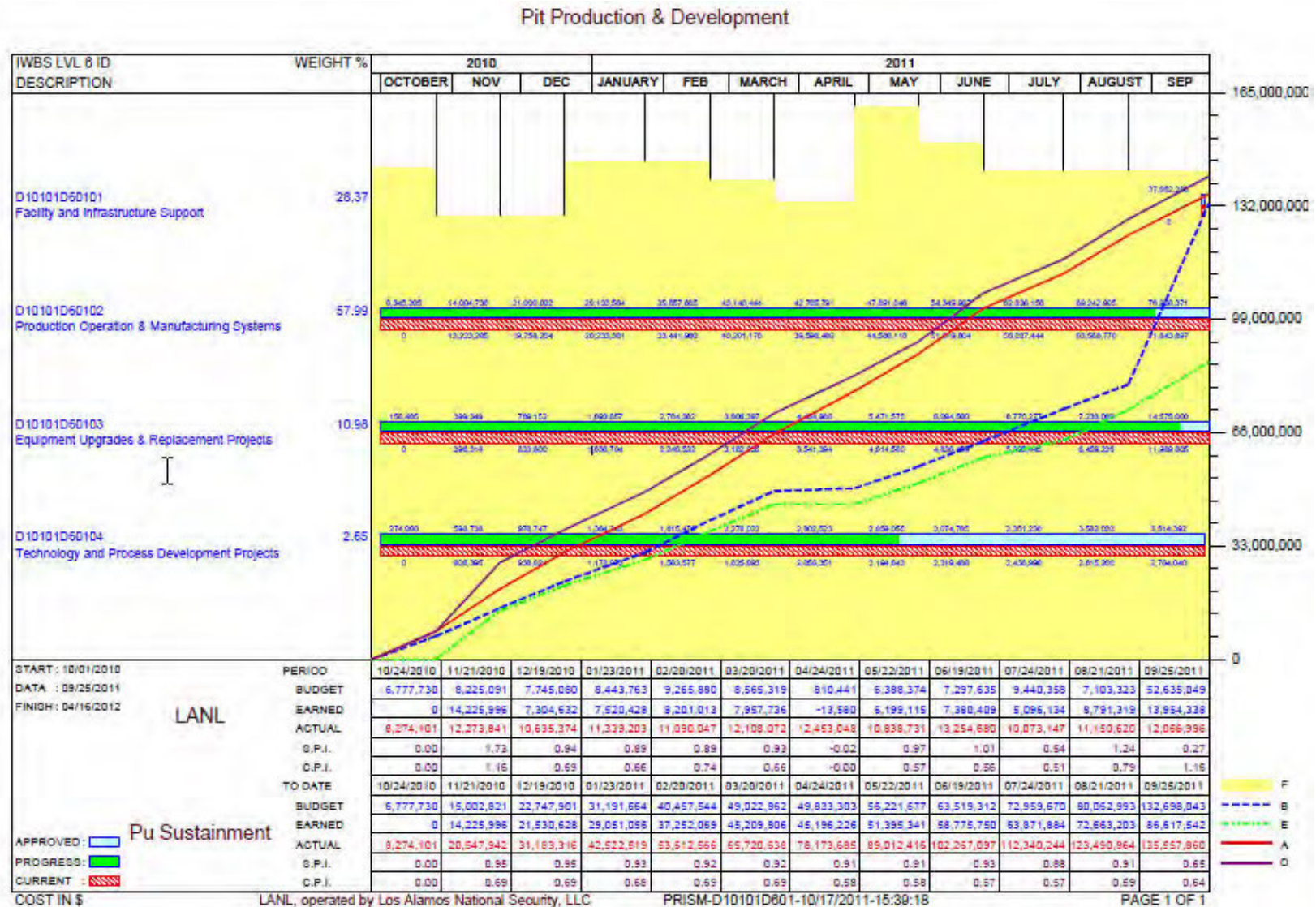
Pu Sustainment – IWBS Level 5

- Final IWBS Chart for FY11



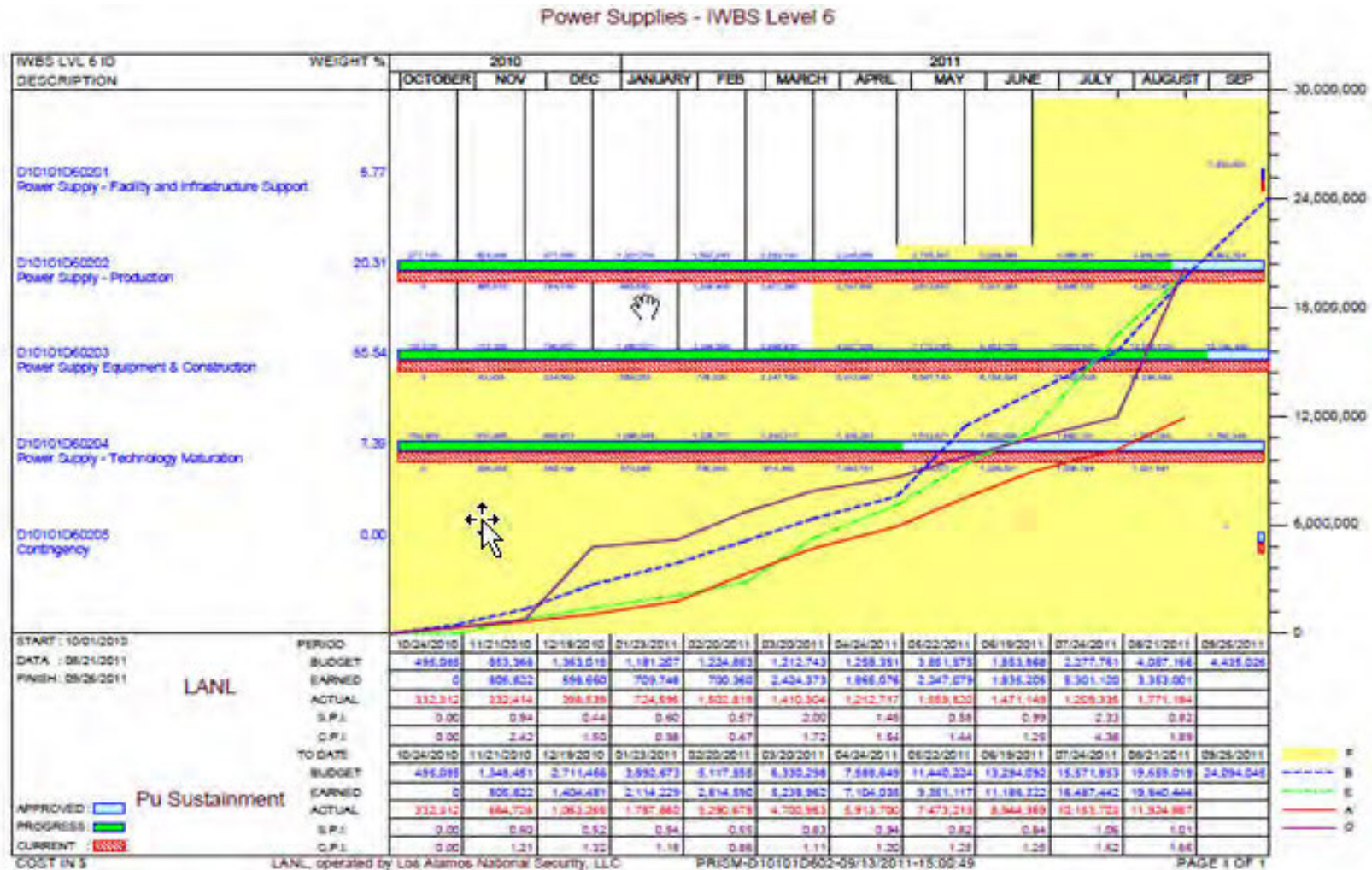
Pu Sustainment – Pit Production & Development Chart

- Final Production and Development Chart for FY11



Pu Sustainment – Power Chart

- Final Power Chart for FY11



Assessment of Variances Charts:

- **Chart 2: Non – power program – of the \$37M in cost recovery noted above – all but \$1.5M must be applied to B and EV here resulting in an acceptable variance.**
- **Chart 2: Non – power program – of the \$37M in cost recovery noted above – all but \$1.5M must be applied to B and EV here resulting in an acceptable variance.**
- **Chart 4: Power program – Program is in acceptable variance status. Trend upward on Budget in May is due to the full implementation of the PSAA BCR.**

Coming Attractions October:

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17 NEDPC (b) (6)	18 NEDPC (b) (6)	19 NEDPC (b) (6)	20 NEDPC (b) (6)	21 NEDPC (b) (6)	22	23 6 lab meeting US/Russia in Spain (b) (6)
24 6 lab meeting US/Russia in Spain (b) (6)	25 6 lab meeting US/Russia in Spain (b) (6)	26 6 lab meeting US/Russia in Spain (b) (6)	27 6 lab meeting US/Russia in Spain (b) (6)	28 6 lab meeting US/Russia in Spain (b) (6)	29	30
31						

Coming Attractions November:

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15 SNL Interns (b) (3)	16 SNL Interns (b) (3)	17 SNL Interns	18	19	20
21	22	23	24 LAB CLOSED	25 LAB CLOSED	26	27
28	29	30				

Coming Attractions December:

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
			1 ICBM officer Class	2	3	4
5	6	7	8	9	10	11
12	13 SNL Interns	14 SNL Interns	15 SNL Interns	16	17	18
19	20	21	22	23	24	25
26 LAB CLOSED	27 LAB CLOSED	28 LAB CLOSED	29 LAB CLOSED	30 LAB CLOSED	31	