

MONTHLY PROGRESS REPORT FOR CONTRACT NO. 500-00-036

PROJECT 3.2 – BUILDING INTEGRATED PV TESTING AND EVALUATION

REPORT PREPARED BY: COMMONWEALTH ENERGY TEAM

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What we planned to accomplish this period:

- Complete *Six-Month Exposure and Operation Report* for the large systems and submit to the CEC for invoicing.
- Complete paper for the American Solar Energy Society (ASES) 2005 conference.
- Continue to monitor the output and ambient conditions from each of the small and large systems

What we actually accomplished this period:

Task 3.2.2a Large Systems Testing:

- Completed the *Six-Month Exposure and Operation Report* for the large systems and submitted it to the CEC for invoicing.
- Identified a problem with the Xantrex 20208 inverters. These inverters routinely shutdown and lockout on standard utility outages when they should only shutdown briefly and automatically restart. Xantrex is working on a solution.
- Completed and submitted a paper for the ASES 2005 conference.
- Continued to monitor the output of all the large systems.

Task 3.2.2b Small Systems Testing

- Continued to monitor the output of all the small systems
- Continued work on *Six-Month Exposure and Operation Report*.

How we are doing compared to our plan:

The Commonwealth Team's Project 3.2 task activity is proceeding as planned.

Significant problems or changes:

- There are no significant problems or changes to report in the current timeframe. Progress and expenditures will result in project being completed on scheduled and within budget.

What we expect to accomplish during the next period:

- Complete *Six-Month Exposure and Operation Report* for the small systems and submit to the TAC for review.
- Continue to monitor the output and ambient conditions from each of the small and large systems.
- Continue work on *Interim* reports.

Status of Milestones and Deliverables:

Table 1 below summarizes the status of Project 3.2 task deliverables as of the end of the current reporting period.

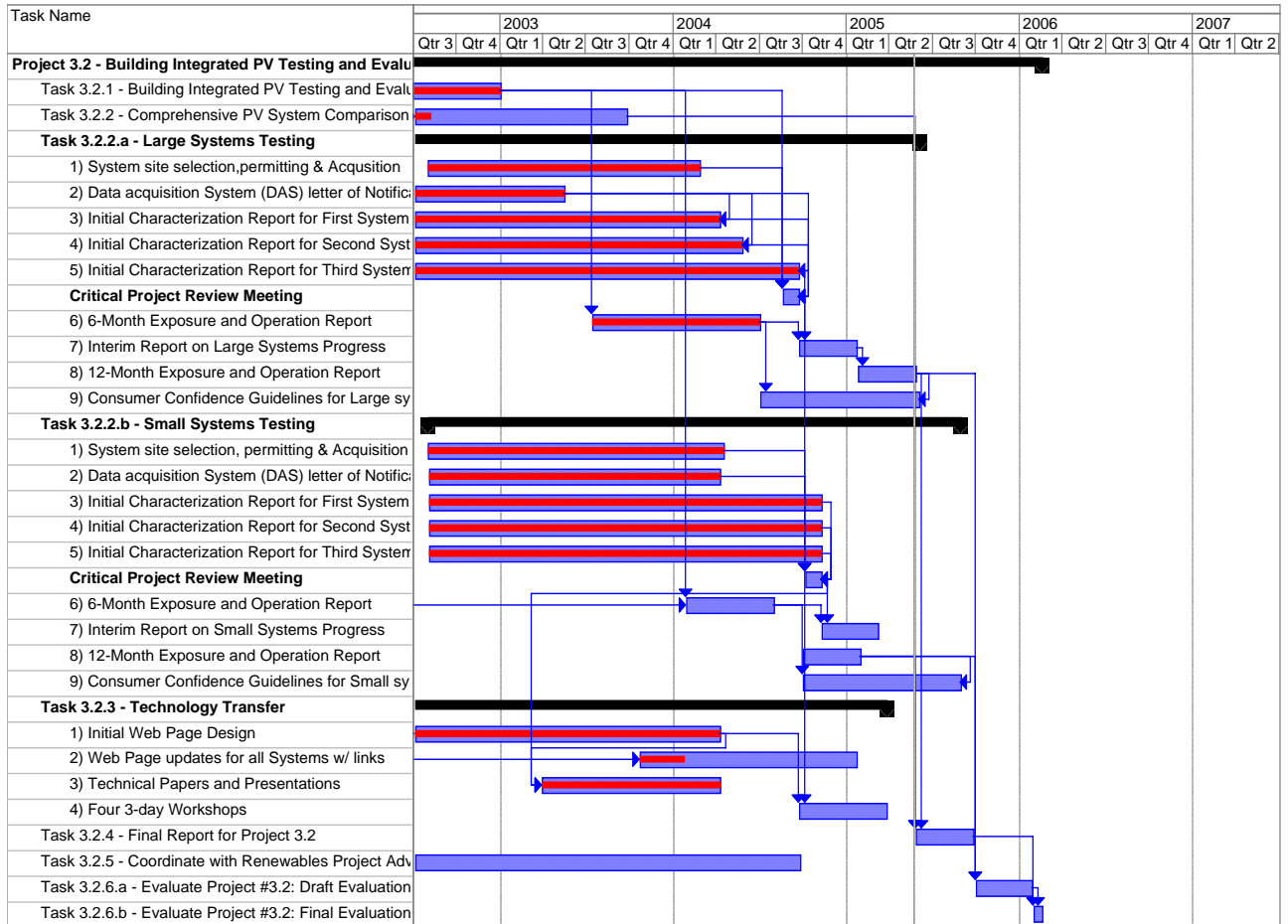
Table 1: Summary of Project Status and Deliverables - Project 3.2

Task No.	Description	Task Start Date		Task Due Date		Status (%)
		Plan	Actual	Plan	Actual	
3.2.1	BI-PV Evaluation Test Plan	6/20/02	07/01/02	07/20/02	12/20/02	100%
3.2.2a (1)	Large Systems Site Selection Permitting & Acquisition	7/5/2002	8/1/2002	08/31/03	2/26/04	100%
3.2.2a (2)	LS: DAS Letter	07/05/02	07/05/02	03/03/03	4/10/03	100%
3.2.2a (3)	LS: 1 st System Report	07/05/02	07/05/02	10/31/03	5/31/04	100%
3.2.2a (4)	LS: 2 nd System Report	07/05/02	07/05/02	10/31/03	7/14/04	100%
3.2.2a (5)	LS: 3 rd System Report	07/05/02	07/05/02	10/31/03	7/14/04	100%
3.2.2a (6)	6-Month Exposure and Operation Report	07/15/03	12/01/04	07/01/04	2/11/05	100%
3.2.2a (7)	Interim Report on Large Systems Progress	07/15/03		03/01/04		
3.2.2b (1)	SS: Site Selection, Permitting & Acquisition	8/4/2002	8/1/2002	11/17/03	4/16/04	100%
3.2.2b (2)	SS: DAS Letter	08/04/02	08/04/02	12/31/03	7/23/04	100%
3.2.2b (3)	SS: 1 st System Report	08/04/02	08/04/02	1/29/04	11/15/04	100%
3.2.2b (4)	SS: 2 nd System Report	08/04/02	08/04/02	1/29/04	11/08/04	100%
3.2.2b (5)	SS: 3 rd System Report	08/04/02	08/04/02	1/29/04	11/08/04	100%
3.2.2b (7)	Interim Report on Large	1/29/04	5/30/04			

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	Systems Progress					
3.2.3.1	Initial Web Design	7/05/02		10/31/03	4/07/04	100%
3.2.3.3a	Technical Paper #1	3/31/03	3/31/03	3/31/04	10/31/03	100%
3.2.3.3b	Technical Paper #2	3/31/03	12/31/04	3/31/04	2/02/05	100%

Overall Schedule for Project 3.2:



Overview of Fiscal Status:

Table 2 on the following page summarizes the fiscal status of Project 3.2 by task as of the end of the current reporting period.

Table 2: Fiscal Status by Task - Project 3.2

Task Number	Budget	Invoiced To-Date	Fiscal Status *
3.2.1	\$9,460	\$9,460	OT
3.2.2a (1)	\$80,507	\$0	OT
3.2.2a (2)	\$75,000	\$75,000	OT
3.2.2.a (3)	\$32,500	\$32,500	OT
3.2.2a (4)	\$32,500	\$32,500	OT
3.2.2a (5)	\$32,500	\$32,500	OT
3.2.2 a (6)	\$25,000	\$25,000	OT
3.2.2a (7)	\$20,000	\$0	OT
3.2.2b (1)	\$0	\$0	OT
3.2/2b (2)	\$50,000	\$50,000	OT
3.2.2b (3)	\$32,500	\$32,500	OT
3.2.2b (4)	\$32,500	\$32,500	OT
3.2.2b (5)	\$32,500	\$32,500	OT
3.2.3 (1)	\$20,039	\$34,163	OT
3.2.3 (2)	\$33,600	\$10,500	OT
3.2.3 (3)	\$36,000	\$0	OT
3.2.3 (4)	\$19,000	\$3,876	OT
3.2.4	\$34,705	\$0	OT

*Fiscal Status – Please indicate if you are “On Track” (OT), OverBudget (OB), or UnderBudget (UB)/