

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

PROJECT 3.2 – BUILDING-INTEGRATED PV TESTING & EVALUATION

REPORT PREPARED BY: COMMONWEALTH ENERGY TEAM

August 2002

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What we planned to accomplish this period:

During August, the Project 3.2 Technical Advisory Committee is expected to be selected, confirmed and in place to assist this Building-Integrated PV Testing and Evaluation Project. In addition, the Project Team expects to have the Task 3.2.1 BI-PV Test and Evaluation Plan submitted to the CEC and to the Project 3.2 Technical Advisory Committee (TAC) for review and comment.

What we actually accomplished this period:

Task 3.2.1 Building Integrated PV Testing and Evaluation Test Plan:

- Progress continued on the first deliverable in developing the Project Plan for Task 3.2. On August 14, the first draft of the Project Plan was circulated to the TAC for comment. Comments continued to be received through the end of August.

Task 3.2.2a (1) Comprehensive Large PV System Comparison – System Site Selection, permitting and acquisition:

- REDI held a meeting with IEUA and Commonwealth Energy regarding the siting and financing of the 60kW Evaluation Large System to be monitored by Endecon Engineering. Commonwealth is considering financing the system at an IEUA location and selling power generated on-site to IEUA.

How we are doing compared to our plan:

- The Commonwealth Team's Project 3.2 task activity has progressed according to our work plan through this reporting period.

Significant problems or changes:

No significant problems or changes were encountered during this reporting period. Current progress and expenditures will result in project being completed on time and within budget

What we expect to accomplish during the next period:

Comments received from the TAC regarding the first draft of the Project Plan will be incorporated into the plan during September. We anticipate that the Final Plan will be submitted as the first deliverable for this project. Additionally, sites for Task 3.2 projects will be reviewed for presentation to the TAC for selection.

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

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	7/20/02	8/14/02	95%
3.2.2a (1)	LS: Site Selection	07/05/02	07/05/02	12/02/02		10%
3.2.2a (2)	LS: DAS Letter	07/05/02	07/05/02	10/04/02		1%
3.2.2a (3)	LS: 1 st System Report	07/05/02	07/05/02	1/01/03		1%
3.2.2a (4)	LS: 2 nd System Report	07/05/02	07/05/02	01/01/03		1%
3.2.2a (5)	LS: 3 rd System Report	07/05/02	07/05/02	01/01/03		1%
3.2.2b (5)	SS: DAS Letter	08/04/02	08/04/02	11/03/02		1%
3.2.2b (2)	SS: 1 st System Report	08/04/02	08/04/02	1/31/03		1%
3.2.2b (3)	SS: 2 nd System Report	08/04/02	08/04/02	1/31/03		1%
3.2.2b (4)	SS: 3 rd System Report	08/04/02	08/04/02	1/31/03		1%

Overall Schedule for Project 3.2:

Task Name	Duration	Start Date	End Date	Cost	2003				2004					
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2		
Project 3.2 - Building Integrated PV Testing and Evaluation Project	614 days	Mon 7/1/02	Fri 11/5/04	\$0.00										
Task 3.2.1 - Building Integrated PV Testing and Evaluation Test Plan	32 days	Mon 7/1/02	Tue 8/13/02	\$9,460.00										
Task 3.2.2 - Comprehensive PV System Comparison	320 days	Fri 7/5/02	Fri 9/26/03	\$0.00										
Task 3.2.2.a - Large Systems Testing	413.5 days	Fri 7/5/02	Wed 2/4/04	\$0.00										
1) System site selection, permitting & Acquisition	106 days	Fri 7/5/02	Mon 12/2/02	\$80,507.00										
2) Data acquisition System (DAS) letter of Notification	65 days	Fri 7/5/02	Fri 10/4/02	\$75,000.00										
3) Initial Characterization Report for First System	128 days	Fri 7/5/02	Wed 1/1/03	\$32,500.00										
4) Initial Characterization Report for Second System	128 days	Fri 7/5/02	Wed 1/1/03	\$32,500.00										
5) Initial Characterization Report for Third System	128 days	Fri 7/5/02	Wed 1/1/03	\$32,500.00										
Critical Project Review Meeting	25 days	Tue 12/17/02	Tue 1/21/03	\$5,954.00										
6) 6-Month Exposure and Operation Report	132 days	Tue 9/3/02	Thu 3/6/03	\$25,000.00										
7) Interim Report on Large Systems Progress	87 days	Thu 3/6/03	Sun 7/6/03	\$20,000.00										
8) 12-Month Exposure and Operation Report	87 days	Mon 7/7/03	Wed 11/5/03	\$25,000.00										
9) Consumer Confidence Guidelines for Large systems	239 days	Thu 3/6/03	Wed 2/4/04	\$32,399.00										
Task 3.2.2.b - Small Systems Testing	414.5 days	Mon 8/5/02	Fri 3/5/04	\$0.00										
1) System site selection, permitting & Acquisition	65 days	Mon 8/5/02	Fri 11/1/02	\$0.00										
2) Data acquisition System (DAS) letter of Notification	65 days	Mon 8/5/02	Fri 11/1/02	\$50,000.00										
3) Initial Characterization Report for First System	129 days	Mon 8/5/02	Fri 1/31/03	\$32,500.00										
4) Initial Characterization Report for Second System	129 days	Mon 8/5/02	Fri 1/31/03	\$32,500.00										
5) Initial Characterization Report for Third System	129 days	Mon 8/5/02	Fri 1/31/03	\$32,500.00										
Critical Project Review Meeting	25 days	Thu 1/16/03	Thu 2/20/03	\$5,954.00										
6) 6-Month Exposure and Operation Report	132 days	Thu 10/3/02	Fri 4/4/03	\$25,000.00										
7) Interim Report on Small Systems Progress	86 days	Mon 4/7/03	Tue 8/5/03	\$20,000.00										
8) 12-Month Exposure and Operation Report	88 days	Tue 8/5/03	Fri 12/5/03	\$25,000.00										
9) Consumer Confidence Guidelines for Small systems	239 days	Mon 4/7/03	Fri 3/5/04	\$32,399.00										
Task 3.2.3 - Technology Transfer	610 days	Fri 7/5/02	Fri 11/5/04	\$0.00										
1) Initial Web Page Design	128 days	Fri 7/5/02	Wed 1/1/03	\$20,039.00										
2) Web Page updates for all Systems w/ links	327 days	Mon 8/5/02	Wed 11/5/03	\$33,600.00										
3) Technical Papers and Presentations	436 days	Thu 3/6/03	Fri 11/5/04	\$36,000.00										
4) Four 3-day Workshops	131 days	Wed 1/1/03	Thu 7/3/03	\$19,000.00										
Task 3.2.4 - Final Report for Project 3.2	88 days	Mon 1/5/04	Thu 5/6/04	\$34,705.00										
Task 3.2.5 - Coordinate with Renewables Project Advisory Committee	579 days	Fri 7/5/02	Thu 9/23/04	\$0.00										
Task 3.2.6.a - Evaluate Project #3.2: Draft Evaluation Report	86 days	Fri 3/5/04	Mon 7/5/04	\$80,065.00										
Task 3.2.6.b - Evaluate Project #3.2: Final Evaluation Report	14 days	Wed 8/4/04	Tue 8/24/04	\$20,016.00										

Overview of Fiscal status:

Table 2 below 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

Task Number	Budget	Invoiced To-Date	Fiscal Status *
3.2.1	\$9,460	\$0	OT
3.2.2a (2)	\$75,000	\$0	OT
3.2.2.a (3)	\$32,500	\$0	OT
3.2.2a (4)	\$32,500	\$0	OT
3.2.2a (5)	\$32,500	\$0	OT
3.2.2b (2)	\$50,000	\$0	OT
3.2.2b (3)	\$32,500	\$0	OT
3.2.2b (4)	\$32,500	\$0	OT
3.2.2b (5)	\$32,500	\$0	OT
3.2.3	\$108,639	\$0	OT
3.2.4	\$34,705	\$0	OT

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