

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:

- Conditional approval was to be provided by IEUA to Commonwealth to use the new headquarters facility for the 60 kW PV system. It was expected that IEUA would agree to a payment option for the system so that procurement and delivery of equipment could commence.
- Pricing for all the equipment was to be obtained and procurement of all equipment for the large system comparison was to be set in motion for delivery in early-to-mid February.
- Arrangements were to be developed to coordinate with IEUA on all aspects of preparation and installation of the large PV system. This was particularly important since the building that will host these systems is currently under construction.

What we actually accomplished this period:

Task 3.2.2a Large Systems Testing:

- All of the major components were ordered and received for the data acquisition system (DAS) to be used for the large system comparison. Endecon worked on drawings and other documentation and continued to refine the database requirements and proceed with its development
- IEUA made significant progress toward a contract with Commonwealth Energy for the 60 kW PV system. The provisional agreement idea was discarded and development moved to work on the contract itself.
- Pricing information was obtained for most of the large system equipment.

Task 3.2.2b Small Systems Testing

- In addition to the database development discussed under 3.2.2a (a shared activity between these two tasks), we have continued to refine the DAS requirements for the small systems.

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.
- The schedules for several of the tasks under 3.2.2. are running behind schedule due to difficulties over siting the large systems.

Significant problems or changes:

- No significant problems or changes were encountered during this reporting period. Delays in the siting of the large systems have slowed but not halted progress on these tasks. These delays were foreseen before the program began, but the schedule optimistically assumed they would be minimal. IEUA continues to request more information before entering into a final contract with Commonwealth Energy for the 60 kW PV system. The IEUA-Commonwealth contract will be presented to the IEUA board at a meeting in February. Individual tasks delays will not significantly impact the overall project schedule or costs.

What we expect to accomplish during the next period:

- The IEUA-Commonwealth Contract is to be approved by the IEUA Board with Commonwealth to supply the 60 kW PV system on the new IEUA headquarters building. IEUA will provide a location to receive materials so that procurement and delivery can commence.
- Arrangements will be developed to coordinate with IEUA on all aspects of preparation and installation of the large PV system. This is particularly important since the building that will host these systems is currently under construction.
- Procurement of equipment and materials will begin.
- The data acquisition equipment for the large system evaluation will be assembled in preparation for installation at the IEUA Headquarters Building. The DAS Letter of Notification along with the DAS manual will be submitted for approval as evidence of completion of that deliverable

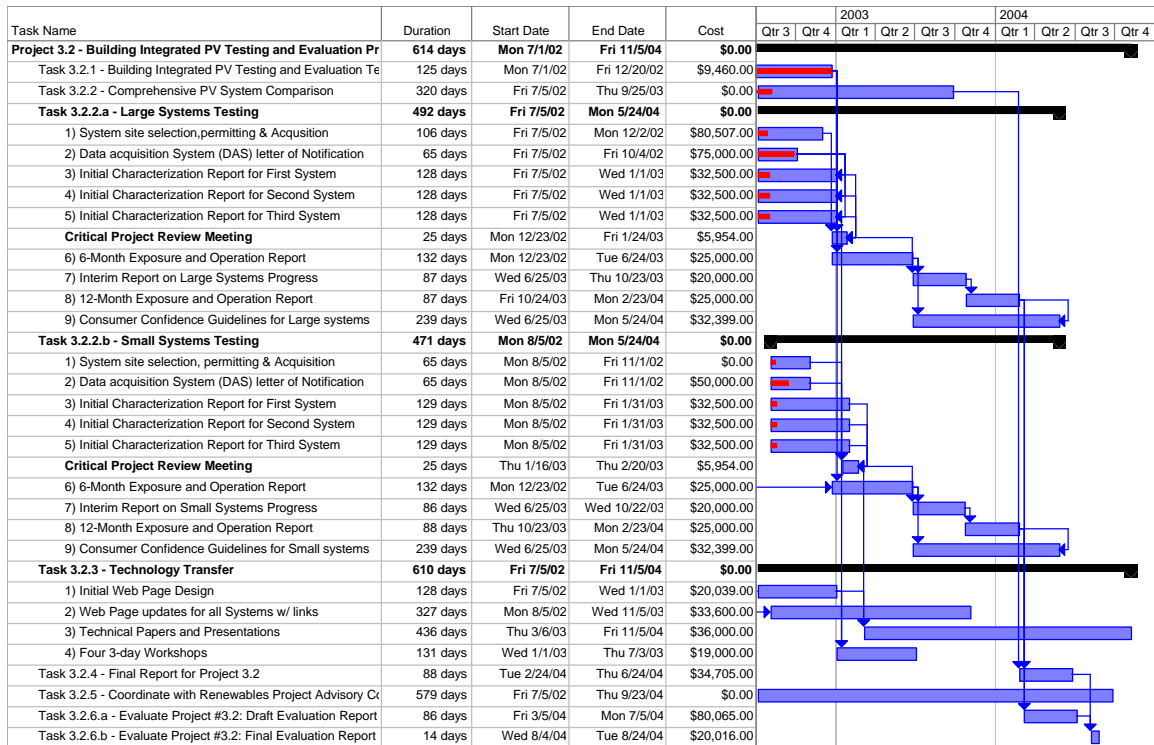
Status of Milestones and Deliverables:

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	12/20/02	100%
3.2.2a (2)	LS: DAS Letter	07/05/02	07/05/02	03/3/02		90%
3.2.2a (3)	LS: 1 st System Report	07/05/02	07/05/02	3/31/03		15%
3.2.2a (4)	LS: 2 nd System Report	07/05/02	07/05/02	3/31/03		15%
3.2.2a (5)	LS: 3 rd System Report	07/05/02	07/05/02	3/31/03		15%
3.2.2b (2)	SS: DAS Letter	08/04/02	08/04/02	3/14/03		45%
3.2.2b (3)	SS: 1 st System Report	08/04/02	08/04/02	4/30/03		7%
3.2.2b (4)	SS: 2 nd System Report	08/04/02	08/04/02	4/30/03		7%
3.2.2b (5)	SS: 3 rd System Report	08/04/02	08/04/02	4/30/03		7%

Overall Schedule for Project 3.2:



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 – Project 3.2

Task Number	Budget	Invoiced To-Date	Fiscal Status *
3.2.1	\$9,460	\$9,460	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)