

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

PROJECT 3.2 – BUILDING INTEGRATED PV TESTING AND EVALUATION

REPORT PREPARED BY: COMMONWEALTH ENERGY TEAM

April 2003

| | |
|------------------------------|---------------------------------|
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What we planned to accomplish this period:

- IEUA-Commonwealth Contract issues will hopefully be resolved in April and the purchase orders for the equipment processed as soon as possible after the contract is in place.

What we actually accomplished this period:

Task 3.2.2a Large Systems Testing:

- The review of the purchase orders began again during this time period, but no purchase orders have been issued.
- The assembly of the data acquisition system (DAS) for the Large Systems Testing was completed and the draft DAS documentation was submitted to the Commission for review.

Task 3.2.2b Small Systems Testing

- A minor amount of procurement and planning continued for the installation of the small systems. An update was received from NUON on the potential use of the PVUSA facility. All indications are that the site will be available when the systems need to be installed.
- Work continued on the data acquisition system for the small systems.

How we are doing compared to our plan:

- The Commonwealth Team's Project 3.2 task activity has been held up due in negotiations and approval delays of the Commonwealth-IEUA BI-PV energy sales agreement. This delay has a minor trickle down effect on other tasks. Most affected is Project 3.3; however, the contractual issues being resolved in Project 3.2 should help streamline Project 3.3.

Significant problems or changes:

- Delays in the installation of the large systems have slowed, but not halted progress on these tasks. IEUA made several requests for additional information before entering into a final contract with Commonwealth Energy for the 60 kW PV system. All of these information requests were fulfilled; and IEUA and Commonwealth entered into a contract after the IEUA board meeting in April.
- The legal department at Commonwealth continues to ask questions about the subcontracts to Commonwealth for the installation of the 60 kW PV system. Hopefully, those issues will be resolved next month.
- These Project 3.2 task delays are likely to impact the project schedule for Task 3.3, and it may impact costs as well.

What we expect to accomplish during the next period:

- The Legal Department at Commonwealth is familiarizing themselves with the project and the purchase orders to sign them for Commonwealth. This one-time process has taken more effort than anticipated but will hopefully expedite future purchases.
- Purchase orders need to be issued for at least the two of the three 20 kW systems.

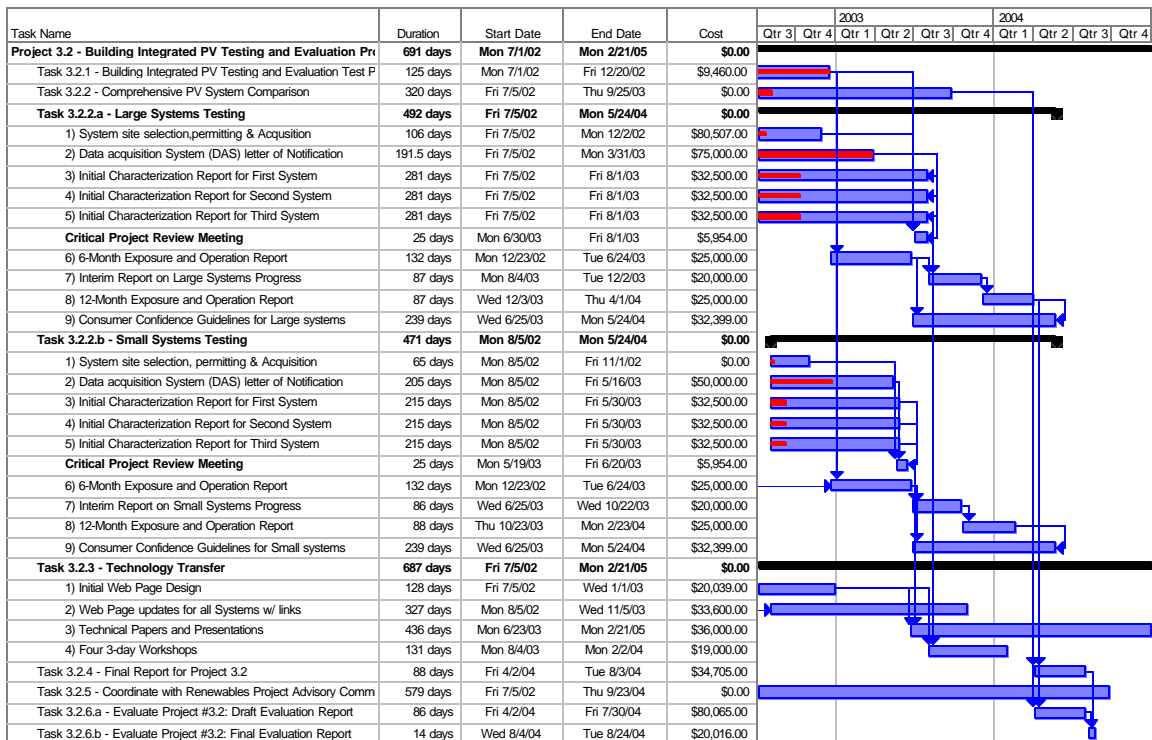
Status of Milestones and Deliverables:

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 | 11/14/02 | 100% |
| 3.2.2a (2) | LS: DAS Letter | 07/05/02 | 07/05/02 | 03/3/02 | 5/16/03 | 99% |
| 3.2.2a (3) | LS: 1 st System Report | 07/05/02 | 07/05/02 | 3/31/03 | | 25% |
| 3.2.2a (4) | LS: 2 nd System Report | 07/05/02 | 07/05/02 | 3/31/03 | | 25% |
| 3.2.2a (5) | LS: 3 rd System Report | 07/05/02 | 07/05/02 | 3/31/03 | | 25% |
| 3.2.2b (5) | SS: DAS Letter | 08/04/02 | 08/04/02 | 3/14/03 | | 50% |
| 3.2.2b (2) | SS: 1 st System Report | 08/04/02 | 08/04/02 | 4/30/03 | | 12% |
| 3.2.2b (3) | SS: 2 nd System Report | 08/04/02 | 08/04/02 | 4/30/03 | | 12% |
| 3.2.2b (4) | SS: 3 rd System Report | 08/04/02 | 08/04/02 | 4/30/03 | | 12% |

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: Project 3.2 Fiscal Status by Task

| 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)