



Energy Performance Systems, Inc.

Project Title: **“Improving the Efficiency of Planting, Tending and Harvesting Farm-Grown Trees for Energy”**

Contract Number: RD-50 Milestone: 10 Report Date: 3/9/2007

Principal Investigator: L. David Ostlie, 763-428-0646

Congressional District: 4 (Corporate Office; Rogers, MN)

Congressional District: 7 (Farm Location; Glencoe, MN)

Congressional District: 6 (Equipment Building Location; Big Lake, MN)

MILESTONE 10 – SUMMARY REPORT (PUBLIC) **Tree Slip Purchase for Second Year and Tractor Rent**

Executive Summary:

150,000 hybrid poplar tree slips were purchased from Raymore Nursery in Manistee, Michigan. A John Deere tractor model 8130 was purchased by EPS last year – see Milestone 3.

Technical Progress:

Deliverable 10a. Identification and purchase of 99,000 tree slips and storage in a commercial freezer.

150,000 hybrid poplar tree slips were purchased from Raymore Nursery in Manistee, Michigan. The slips are hybrid poplar NM6, 9 in. long and from 3/8 in. to 7/8 in. diameter. 150,000 slips rather than 99,000 slips were purchased to allow for the planting on 5 ft centers rather than 6 ft centers as indicated in the proposal. Currently the slips are stored in a commercial freezer at Hramor Nursery in Michigan. The slips will be transported in a refrigerated van to a cooler in Wheaton, MN by May 10th where they will be available for spring planting. Planting is scheduled to begin within one week of when the soil conditions warm to 55° F and the soil is dry enough to support machine planting.

Deliverable 10b. Tractor lease.

A John Deere Tractor Model 8130 was purchased by EPS last year – see Milestone 3. The tractor is needed for tree slip planting, land tending and tree harvesting.

The project is making good progress.

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