

Dr. Michael Lemmon
Statement of Work

March 14, 2008

Dr. Lemmon will be responsible for the following work:

Task 1 – Design Scalable/Deployable Microgrid

This task will develop a distributed generation and load control strategy for large-scale mesh microgrids. The generation control algorithm will be a networked control system implemented over a mesh radio network. The load control algorithm will be a shadow-price decision strategy to be implemented over a mesh radio network. The primary deliverable from this task will be a technical report detailing the algorithms and their initial testing

Task 2 – Modeling and Simulation of Distributed Control

This task will involve assisting in porting the algorithms developed in Task 2 to the simulation developed by UIUC under task 1 of this project.

Signature: 
Dr. Michael Lemmon

Date: 3/14/2008