

**MINUTES**

**COMMITTEE MEMBERS PRESENT:** James Horwitz, Tracey Lane Russo, James Stirling, Patricia Cardozo, Steven DeMaio

**Also Present:** Christopher Browe, Charles Dumais, Tony Giampa, Jack Levine, Jim Saisa, Thomas Hurley, Roddy Diotalevi (UI), Terri Eller (UIL/UI/SCG), Devang Patel (UI), Michael Stein (UI), Tony MArone (UIL), Jim Mader (UI), Tom Judge (UI)

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A combined meeting of the MicroGrid and Facilities Committees of the Amity Regional Board of Education was held on Monday, June 23, 2014 at 5:30 p.m. in the Presentation Room at the District Offices.

1. **Call to Order:** The meeting was called to order at 5:35 p.m.
2. **Presentation by UI on Clean Energy Generation**
  - Preparedness for bad weather
  - Hardening Critical Facilities
  - Public Act 11-80 Section 127 allows UI to own and operate Class 1 Renewable Generation
  - All customers pay for installation and get benefit
  - Incorporating increased gas load for MicroGrid could allow UI to install gas to AMSO for not cost
  - Also includes energy rebates and interest free financing
  - Opportunity for use of waste heat
  - UI would not be able to pay for collection of heat for building
  - Fuel cell does not follow electrical load well. Perhaps put small generator on top to regulate.
3. **Discussion of Energy Generation and MicroGrid Scenarios**
  - UI would own, maintain , and operate fuel cell
  - Size of unit is between full tennis court and half tennis court
  - More efficient if 2.2MW were installed in entirety on campus
  - Natural gas could be run to Orange school because it is for *same customer*
  - We would be host for a UI funded and operated project
  - No cost to Amity for unit installation or operation
  - There *might* be cost to Amity if supplemental generation unit is required
  - There would be a cost to capture exhaust heat
  - There would be no change in electrical power cost (per kW)
  - Ballpark cost to capture exhaust heat under \$100G

- Public Utilities Regulatory Authority (PURA) would require UI to continue to run this unit
- 15/20 performance guarantees part of agreement
- Electrical demand in state is flat
- Request for building outage information. UI can provide previous three years.
- Doing this without MicroGrid would require it to be a “convenient application” and would necessitate a completely different set of engineering calculations
- System is designed to go into island mode when it operates beyond tolerances
- Breaking up project into two parts likely not economically viable
- Wind and solar are not viable; intermittent, would not work with MicroGrid
- UI would like to know if Amity would like to participate within three weeks
- UI has looked at the suitability of the site
- UI *might* still be interested if Amity were to agree to 1.1MW

**4. Adjourn**

The meeting adjourned at 6:47 p.m.

Respectfully submitted,  
Charles Dumais