

Town of Southampton

Sustainability Committee Meeting Minutes

Tuesday June 7th, 2016 Southampton Town Hall

Members present: D. Von Lehsten (DVL), G. Berk (GB), J. Burmeister (JB), G. Raacke (GR), L. Arthur (LA), A. Reisman (AR), N. Palumbo (NP), S. Carlin (SC), J. Scherer (JS)

Non members present: J. Bouvier (JB3), F. Zappone (FZ), C. Fetten (CF), J. Becerra (JB4), M. Benincasa (MB), R. Foxen, Global Commons LLC (RF)

Meeting was called to order at 4:00 PM. Meeting minutes from May 17th, 2016 pending approval.

Progression and Discussion of 400+ Components

General Discussion Overview, as expanded below: RF from Global commons gave presentation on NY Prize for the micro grid. NYSERDA divides the program into 3 stages of funding, where you need to be selected for each one. Southampton has a good chance of getting picked for the next round because of storm vulnerability. Big part of the criteria is cost-benefit analysis which the consultant does. Industrial Economics does the analysis, ranking all 83 projects. The micro grid will cover vital facilities, and other residences in down town Southampton and small commercial establishments. Some generation resources will run at certain times during normal conditions, with specific decision protocols when they do run. But when the main grid goes down, switches will open up and the micro grid will begin to function. Currently, the next steps would be to finish reports for Stage 1 and submitting everything to NYSERDA. In August, the RFP for Stage 2 will be out, then responses are due in October; by the end of the year, they will select for Stage 2. Some issues include the hospital moving, as well as timing of the gas supply with National Grid. GR discussed the South Fork Clean Energy Forum will be June 15th from 3PM to 7PM in Wainscott. JS discussed the Land Use Alliance conference at Touro Law School; FEMA was present. Talked to them about giving money to PSEG to restore poles, instead of burying the cables. Also discussed the use of CPF revenue for water quality projects. Finally, MB discussed possibility of changing town code to allow for PV solar systems on large lots.

1. EDUCATION

- a. Town Employees
- b. Homeowners and Other Residents
- c. Business Owners
- d. Primary School education
- e. Educational signage
- f. Food Production & Consumption
- g. Outreach

2. WATER

- a. Regional Clean Water Coalition
- b. Surface Water Quality – *JS on water quality projects: there is going to be a referendum to allow 20% of CPF revenues to be used for water quality. Currently working with JB3, Christine Scalera, Mary Wilson, Marty Shea, and CF to create a plan that will be subject to a public meeting. There will be a public hearing in July and the referendum in November.*
- c. Education
- d. Regulated Water Conservation

- e. Water Treatment and Reuse
- f. Landscape Management
- g. Drinking Water Quality
- h. Groundwater Protection
- i. Stormwater Management
- j. Wetlands Protection
- k. Floodplains
- l. Planning and Emergency Mgmt

3. ECONOMICS

- a. Sustainability Index
- b. Green Business Development
- c. Resource Sharing
- d. Affordable Housing
- e. Sustainable Economy

4. LAND USE

- a. Climate Action Plan
- b. Land Use Plan – *JS on Land Use Alliance conference: PSEG received FEMA money for coastal resilience, utilizing the money to restore old power*

poles. She asked if this was allowed, and whether they should be buried instead. FEMA said they look at local rules first, so if that's permitted as per the town code, then the money is given. Unless home rule can be adopted, the Land Use Alliance will research this issue. FEMA gave the money already, but moving forward they should consider getting regulations not only for right of way, but in terms of resiliency also. GR suggested not focusing on the Penta, but instead on the resiliency aspect, that it would be counterproductive to give PSEG the money.

- c. Open Space Preservation
- d. New Open space
- e. Biomass Preservation
- f. Environmental Restoration
- g. Neighborhood Pattern and Design
- h. Heat Island Effect

5. TRANSPORTATION & AIR QUALITY

- a. Idling Reduction
- b. Bicycle Use
- c. Complete Streets
- d. Demand – Reduce VMT
- e. Public Transportation
- f. Parking
- g. Reduced Emissions Alt Fuel
- h. Neighborhood Pattern and Design
- i. Resilient Infrastructure

6. ENERGY / CARBON

- a. Long Term Energy Planning – RF presentation on micro grid: no one knows for sure how many will be selected for the next round, but hoping for at least 10, half from Long Island. In Stage 2 there are up to 1 million dollars for project design and development, and up to 7 million in Stage 3 for implementation. They are trying to design the project based on the criteria used by NYSEERDA; cost-benefit analysis is a big part of it. In case power is lost on the main grid, the micro grid will jump in (everything outside the switched will be without power). The peak load for the micro grid will be 5.8 megawatts, the largest share going to the hospital at 1.5 megawatts. A battery will be installed at the SC Water Authority facility. Batteries may help peak power needs and stabilize the grid as well: supply and demand must be balanced at all times. The combined cost will be about 12 million dollars. The benefits include reducing energy costs at the hospital, having reliable power for other non critical facilities, keeping stores

open during storms, and benefitting PSEG LI reduce the need for peaking power.

- b. Energy and Carbon Audits
- c. Clean Energy Renewable
- d. Energy and Carbon Reduction
- e. Education – GR on South Fork Clean Energy Forum: there will be an impressive roster of speakers, including FZ and EH Town Supervisor. There will be presentations on community and regional micro grids, off shore wind, battery storage, etc. The main purpose is to inform the community about what all the proposals are about and show them how they can work together to accomplish them. It is geared towards the general public as well as green committee members, industry people, and town officials. NP would like add a presentation by the Quiet Communities group, GR will double check time allows for it.

7. GREEN BUILDING

- a. Sustainable New Construction – MB on PV Solar systems: it would be a good idea to enable people to install PV ground mount solar systems on large lots, allowing for 4500 sq. ft. of extra clearing. This would be a way incentivize since money wouldn't be an issue with these large properties, but it would contribute greatly to lowering peak demand. Consultants said that the minimum size to put a ground mount system is 60 by 75 ft., 5000 watt system. This additional clearing would be very helpful to large lots that want to install ground mounted solar: at least they have the option. In thinking about a the code, need to consider what to do with people that clear the extra allowed but then don't follow through with installed the panels (including a clause would be a good idea).
- b. Green Building Education
- c. Water Efficiency in Buildings
- d. Heat Island Effect

8. WASTE

- a. Municipal Facility Recycling
- b. Comprehensive E Waste Recycling
- c. Plastic Recycling
- d. Organic Waste
- e. Waste Education
- f. School Recycling/Trex
- g. Materials Exchange
- h. Paper Waste
- i. Building waste
- j. Hazardous Waste

- k. Product Stewardship
- l. Long Term Waste Planning – FRNCA pilot in process

9. QUALITY OF LIFE

- a. Promotion of Physical Activity
- b. Local Food
- c. Air Quality
- d. Facade Improvement
- e. Education
- f. Emergency Preparedness

10. STEWARDSHIP

- a. Trail Preservation
- b. Historic Places
- c. Fisheries
- d. Nutrients in Environment
- e. Education
- f. Vacant Land
- g. Forest and Vegetation

***** Meeting was adjourned at 5:30 PM. Please be advised that our next meeting will be Tuesday June 21st, 2016 at 4:00PM in the lower level conference room of Southampton Town Hall.***