

**CITY GREEN TASK FORCE  
MEETING April 30, 2009  
Approved Minutes**

**Members Present:**

Steve Corson  
John DeCarion  
Harvey Hathaway  
Patricia Lodge  
Michelle Parenti  
Ira J. Raab  
Steven Scherer  
Janet Schreiber  
Al Vazquez

**Others Present:**

Teri Jabour  
Neil Melick  
Commissioner Muoio  
Penni Redford  
Pat Painter  
Suzanne Schluter

**Call to Order/Sign In/Changes to Agenda**

Meeting was called to order at 4:00 pm.

**Minutes**

- ***Ira Raab moved to approve April 16, 2009 minutes with a spelling correction, Steve Scherer seconded, minutes were approved unanimously.***

**Remarks by Chairperson Al Vazquez**

- We will move to New Business first in order to allow our visitors to make their presentations.

**New Business**

- **Palm Beach Lakes Blvd Target Store Wind Turbine Project**
  - **SkyDrill/Target Presentation: Patrick Nolan, SkyDrill and Mark Hamilton, Target:** Presentation was given explaining the proposed wind turbine for the new Target store being built on Palm Beach Lakes Blvd. They are proposing a vertical axis/Savonius design turbine, for low noise and avian friendliness, to be mounted at a height of approximately 100ft on a free standing pole. See attached document. Questions and Answers/Points Made:
    - Why 100 ft tall? Wind is generally stronger and more stable as you go up. Height is negotiable, although at some point it will no longer be effective.
    - How tall will Target building be? 38' at the highest point. Drawing does not reflect 100' height of turbine.
    - How far from the edge of the building will it be? Do not know yet.
    - Is it avian friendly? Yes, it is a Savonius design.
    - Have you tested for hurricane loading? It can be locked down, and when locked down it acts like a billboard. The

prototype has not been built yet; further tests will be conducted at that point. It has been rated to 130 mph, Neil noted that our standards were 140 mph; Patrick said that could be addressed.

- What is its electrical rating? The generator is a 10Kw generator. 10Kw can be generated steadily in a 24 mph wind. Studies show the average wind at approximately 100ft in this area to be about 9-10 mph.
  - Why are you planning to put in only one? Why not more? For SkyDrill there is a production time issue for making more than one. For Target there is a cost issue.
  - Have you looked into insurance? Yes, Lloyds has given indication that they would consider insuring once full scale turbine was built and tested. No insurance approved yet.
  - Other turbines of this sort have been much shorter, why so tall? Higher position of turbine will provide better output for commercial use.
- **John Roach, City of West Palm Beach, Senior Planner:**  
Presentation was given to outline contact between SkyDrill, Target and the City, explain that the City is very excited that a large retailer is looking into alternative energy and voice City's concerns about the project. See attached memo. The main concerns are generally specific to location: Context with the surrounding area (height, aesthetics, etc.); signage/precedence; and benefits vs. impacts and are the other alternatives? Discussion points:
- Target has worked with the communities to make sure that the surrounding neighborhoods are comfortable with construction of the new store (larger buffer zone, store only a few feet taller, screen, etc.)
  - Addition of a wind turbine to the site will require several public hearings, planning, etc.
  - Per phone conversations between City, SkyDrill, and Target, having their signage on the wind turbine seems to be a major issue for Target.
  - Could the wind turbine go up later, after store opening? SkyDrill and Target would like to have it up for opening. Concern about the possibility of having public hearings, etc. done in time.
  - Many questions are still unanswered, and cannot be answered at this time. SkyDrill is still working on full scale turbine and it will need to be tested, etc. Exact placement and height are yet to be determined. Public hearings will need to take place.
  - SkyDrill stressed their willingness to continue using their resources to work with Target and the City to make this project a possibility.

- Task Force wants to be careful about setting precedence.
- ***Motion made by Ira Raab to table this discussion, Patti Lodge seconded, all were in favor.*** Further questions from the City Green Task Force may be addressed to [Sustainability@wpb.org](mailto:Sustainability@wpb.org) so Office of Sustainability can attempt to get answers as available from SkyDrill, Target, and City Planning.

### **Unfinished Business**

- **Energy Stimulus projects: Green Pavilion Presentation: Joan Goldberg, Waterfront Project Manager:** Presentation was given of the current green components on the Green Pavilion: maximum passive light and ventilation, photovoltaic strips on sloped roof to provide approximately 10-20% of electrical needs, instant water heaters, low e-glass, low flow toilets, native species in the garden, solar PV roof, recycled construction debris, local and recycled content, certified green woods, and roof sloped for rain-water harvesting for landscape irrigation to name several. The proposal is to bring the building up to LEED certification, providing 100% of power by solar. The project as designed is ready to start construction now. If the grant were received some construction could go forward and there would be delay in some areas. Expected cost to add components and obtain LEED certification could be up to \$500,000. Discussion points:
  - This facility could be used as a training center for other projects such as Greening Your Home or Youth Green Corps. The building was designed to be highly flexible for multiple uses, easily changed for different uses.
  - How soon can money be obtained for this project? The sooner Task Force can give recommendations, the sooner we get our application in, the sooner it will be reviewed, the earlier money can be obtained.
- **Discussion of City's Stimulus Package Projects:**
  - The Mayor is also looking toward solar for a project at City Center which could include charging stations for electric vehicles.
  - Decision must be made next week.
  - New project ideas: Urban heat island/cool roofs/green roofs/reflective pavements/pervious pavements

### **Future Meetings**

- Next meeting will be May 21, 2009, 4-6pm.

### **Adjourn**

***Ira Raab moved to adjourn, John DeCarion seconded, all were in favor.*** The meeting was adjourned at 6:00 pm.