



WEST WINDSOR TOWNSHIP

SHING-FU HSUEH, MAYOR

PRESS RELEASE

OFFICE OF THE MAYOR – West Windsor Township

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FOR IMMEDIATE RELEASE

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West Windsor Approves New LEED Office Building

West Windsor Township - Mayor Shing-Fu Hsueh announced today that the West Windsor Township Planning Board has approved a new office building at Carnegie Center West. The building will be the new national headquarters for NRG Energy and has been targeted to be designed at a Gold rating through the US Green Building Council (USGBC) LEED Program. The building orientation, design, and materials will take advantage of passive and active solar light and energy opportunities, and reduce carbon foot-print as compared to typical construction.

Mayor Hsueh stated, “This building sets a new bar for construction in West Windsor. We are delighted that NRG Energy has decided not only to build its national headquarters in West Windsor, but also to present the premier example of sustainable design and development.”

The building will be set up with alternate, mostly green, highly-efficient or renewable means of producing energy on-site to establish this property as a micro-grid (i.e., producing their own power, off the public grid), and will only use power supplied from the public utility as a tertiary back-up. The building will be designed with horizontal and vertical solar awnings to shade peak summer sun and allow winter sunshine to illuminate interior spaces. The building will be clad with zinc panels that are sustainably responsible in terms of energy required to produce the building material.

Renewable, clean energy will be collected using solar panel canopies over 443 vehicular parking stalls; two solar panel-roofed seating pavilions; and solar panel wings covering 10,000 square feet of the office building roof. As part of the micro-grid, the building will also have a small co-generation power, natural gas, electric, heat, air-conditioning system and two 25’ high, compact, upright, wind power turbines and electrical vehicle charging systems in the parking lot.

A significant portion of the office building roof will be planted as a green roof (i.e., a roof planted with



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water-absorbing vegetation and soil). Excess stormwater from the roof will be collected in a cistern storage rainwater collection system for non-potable water uses (also known as gray water). In addition, the construction of a wet stormwater retention pond will remove any sediment from the stormwater before it drains to streams or lakes. Bio-swales will also be constructed to infiltrate rainwater run-off from the parking lots.

Lastly, extensive bicycle and pedestrian paths are planned as well as both interior and exterior bicycle parking and highly efficient LED lighting will be utilized for all parking lot illumination.

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A press conference will be held by Mayor Shing-Fu Hsueh, who will be joined by Marvin Gardner, Planning Board Chair and Mr. Micky Landis, Boston Properties, Carnegie Center at 9:30 AM Friday, August 29, at the Municipal Building in Room C.