From: Roger Stancil
Sent: Tuesday, March 06, 2018 8:14 PM
To: Allen Buansi; Donna Bell; Hongbin Gu; Jeanne Brown; Jess Anderson; Karen Stegman; Town Council; Michael Parker; Nancy Oates; Pam Hemminger; Rachel Schaevitz; Roger Stancil; Ross Tompkins
Cc: Loryn Clark; Ben Hitchings; Amy Harvey; Beth Vazquez; Carolyn Worsley; Catherine Lazorko; Christina Strauch; Dwight Bassett; Flo Miller; Mary Jane Nirdlinger; Rae Buckley; Ralph Karpinos; Ran Northam; Roger Stancil; Sabrina Oliver
Subject: Council Questions: Item 9: Campus Development Report

Council Question: Can we get timelines or completion dates associated with each of the projects in construction listed?
UNC Staff Response: *The scheduled completion dates are as follows:*

1.	*Porthole*	*3/23/18*
2.	*Campus Wide Sidewalk*	*8/31/18*
3.	*Energy Services / Utilities*	*Done*
4.	*MEJ Renovation*	*9/30/18*
5.	*Finley Fields North*	*3/31/18*
6.	*Kenan Labs*	*10/30/18*
7.	*Field Hockey*	*8/15/18*
8.	*Cheek Clark*	*7/31/18*
9.	*Beard Hall 2nd Floor*	*3/31/19*
10.	*Fetzer/IPF*	*8/15/18*

(Weather will affect many of these)

Council Question: What would the function be of the CN Solar and Energy Demo? How many solar panels would be used? And what would the solar produced be used for?
UNC Staff Response:
1. *The CN Solar and Energy Demo project will provide for 428kW of solar energy from the PV array and 500kWh of battery storage. The array will consist of about 1295 modules and the anticipated fenced arear around the modules will be about 2.7 acres. The solar array will be configured to supply power to the grid servicing the buildings around Airport Drive (Giles Horney, Administrative Office Building, EHS, Energy Services, Art Lab). The grid will charge the batteries at times when the Duke Energy rate structure is attractive and the batteries will be discharged in a manner to offset peak loads on the Airport Drive grid. The PV array and battery system will operate only when the grid is powered from Duke Energy (no islanding).*
2. *The Airport Drive delivery is separate from the main campus delivery and the PV array size accounts for about half the contracted load on the Airport Drive grid.*