



A total of 8 Phases at this location =  
300MW ac/ 1,200 MWh

Project Size: 50 acres Fayetteville, NC

Coordinates: 35.061898 -78.832355

# PROPOSAL

DANIEL SHAFFER

President

Energy Storage Solutions, LLC

423-341-7873

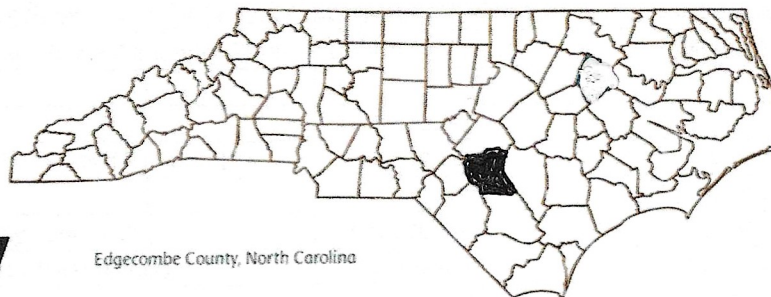
[Dan@EnergyStorageSolutionsLLC.com](mailto:Dan@EnergyStorageSolutionsLLC.com)

[www.EnergyStorageSolutionsLLC.com](http://www.EnergyStorageSolutionsLLC.com)

**NetZero Data Center Campus  
Fayetteville, North Carolina  
8 Phases Totaling 6.4 Billion Dollars**

## NetZero Data Center Campus Fayetteville

# Project Summary



We are proposing to build a large Data Center Project with significant redundancy in its energy support system, centered on an overall 300MW ac/1200MWh BESS energy generation and storage system. This SOLR ESS's data center will be a NetZero "green energy" project(s). We will use a cogeneration and "carbon sponge" clean energy system to capture 130% of the CO<sub>2</sub> and other omissions as a "green sequestration" system.

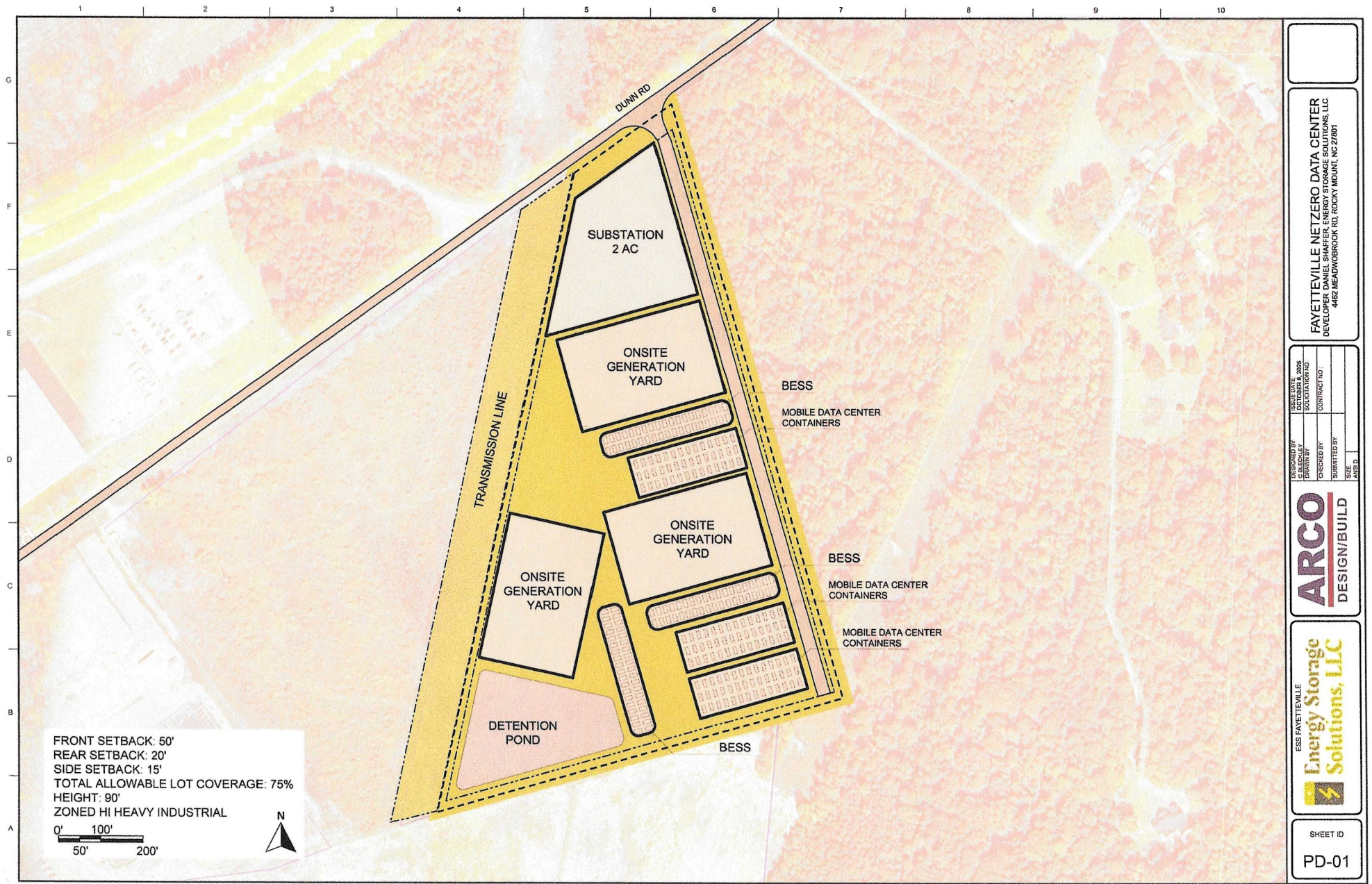
The project will be built behind the meter and generate its energy production via a natural gas "green" generation system, that will store the energy generated within a BESS (Energy Storage) system. There exists a large natural gas transmission line only a short distance from our site. Four projects will be 25MW ac AI Data Centers, and four Projects will be 50MW ac Mobile Data Centers. We will have 500 well paid local employees.

The local Piedmont Natural Gas Company has assured us that there will be adequate resources to supply our large natural gas "green" energy generators, to meet our needs. This project is off Dunn Road in Cumberland County, North Carolina, and is in the PWC and Duke Energy service area. There is a large Fiber Line running north south along I-95, with Fiber also adjoining our site available to support the Data Center.

Duke Energy has a 115kV and 230kV transmission lines adjoining this property that we will connect to. PWC (Fayetteville Utilities) also has a 69kV Line running along Dunn Road. We will submit for interconnection and metering to the Data Center as a business application, which will avoid being delayed in the lengthy queue process. The local PWC Electric Substation is approximately 2 ½ miles down the existing right-a-way. We anticipate building our own substation on site to support such a large project.

The site is currently cleared, with no significant flood zone or wetland issues. Because of the large number of local jobs and significant tax revenues that will be generated from this project, we expect to receive a very positive response to this proposed project.

**Importantly, the Data and Energy Storage System will be "EMP Harden" to protect the system and local community in accordance with National Defense, DOD and DOE guidelines.**



**FAYETTEVILLE NETZERO DATA CENTER**  
 DEVELOPER: DANIEL SHAFER ENERGY STORAGE SOLUTIONS, LLC  
 4462 MEADOWBROOK RD, ROCKY MOUNT, NC 27801

|              |            |
|--------------|------------|
| DESIGNED BY  | ISSUE DATE |
| CHECKED BY   | DATE       |
| SUBMITTED BY | SIZE       |
|              | AREA       |

**ARCO**  
 DESIGN/BUILD

ESS FAYETTEVILLE  
**Energy Storage Solutions, LLC**

SHEET ID  
**PD-01**