

Chatham County  
Appearance Commission

Vickers Solar Electric Power Plant  
2 MW

# Strata Solar

- NC is ranked fifth in solar energy generation
- Strata is largest solar developer in NC and the sixth largest solar contractor in the nation
- Operate 40 5-MW farms in NC; will construct approx. 40 farms this year

# Vickers Solar Farm

- 12 ac. Project on 98 acres total
- Approx. 10,000 3'x 6' Solar Panels
- Mounted on Aluminum racks
- 8' - 10' high excluding utility poles
- Polycrystalline Silicon Photovoltaic (PV) Cell Panels, flat-blue color

# Typical 5MW Solar Farm





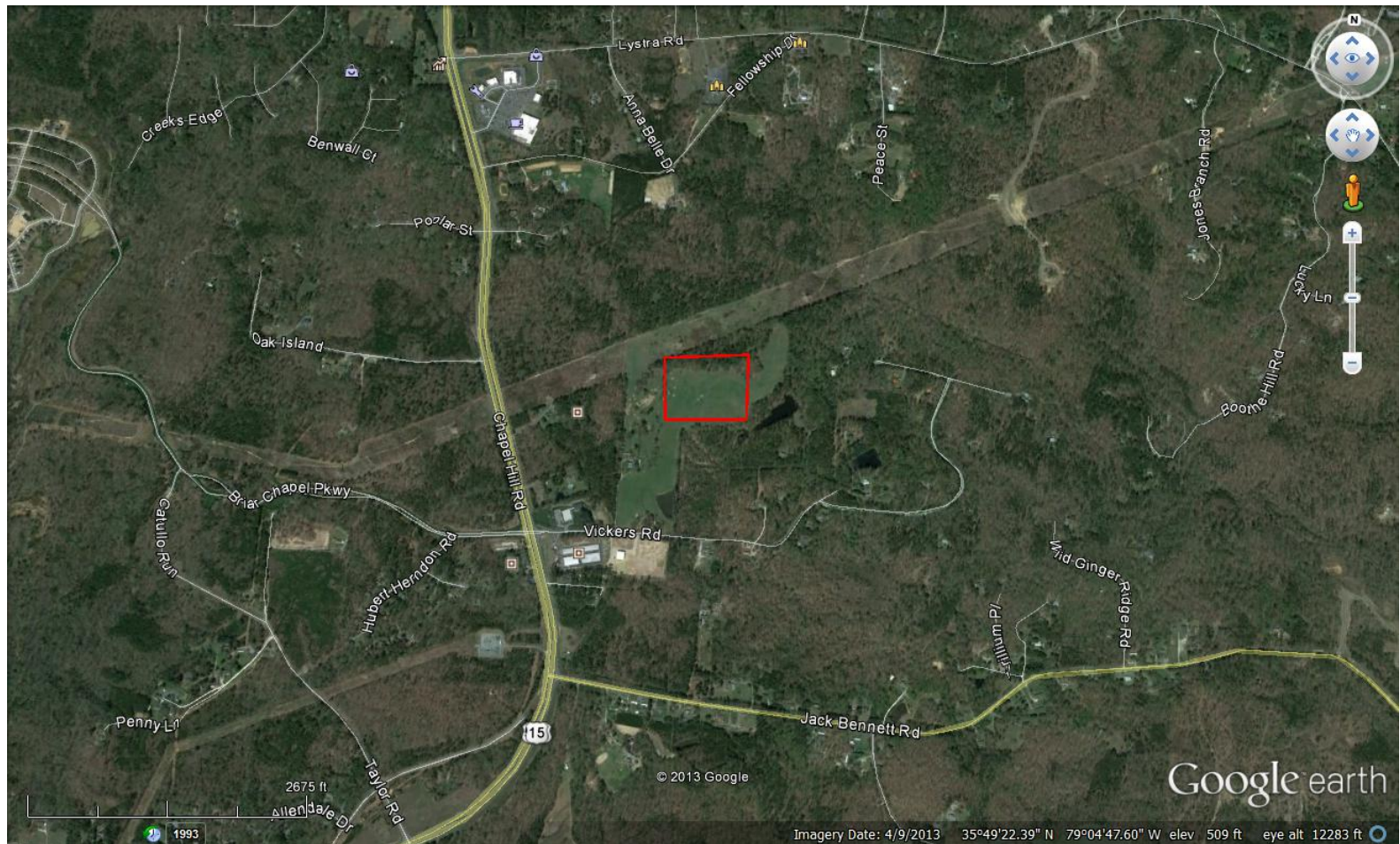
# Solar Panels



# Solar Farm Location and Buffers

- Transitional area near consumers to absorb power
- No impact municipal services, schools or utilities
- Typical project has existing and installed buffers
- Buffers are subject to additional conditions

# Solar Farm Region





# Immediate Area





# Similar Visual Impact Uses

- Large-scale Greenhouse Facilities
- Subdivisions
- Public Works / Public Utilities
- Schools
- Manufactured Homes
- Agricultural Buildings

# Job Creation

- 90 professional staff: engineers, project managers, attorneys, accountants, technicians
- 500 – 1,200 construction staff
- Average 1,000 NC jobs throughout the year
- Additional Vendor, Subcontractor and Service Jobs

# Appraisal Analysis

- No Noise
- No Emissions
- No Odor
- No Hazardous Materials
- No Traffic



# Solar Farm Meets General SUP Conditions

- Use is Eligible in the district
- Use is Desirable
- Use will not impair integrity or character of adjoining area and will not endanger the public
- Use is consistent with Land Conservation and Development Plan
- Use has adequate facilities consistent with County's Polices