Market Overview

- Loudoun County is the #1 Market in the World (30 square miles)
- 8 out of 49 customers account for 84% of YTD demand
- 2022 actual demand: 2,767 MWs
- Forecasted 2023 demand: 3,375 MWs (+608)
- Normalized August 2023 YTD MWH: 24% of DE Sales
- Connect Statistics:

<table>
<thead>
<tr>
<th>Time Period</th>
<th>2013-2018 (6 yrs.)</th>
<th>2019-2023F (5 yrs.)</th>
<th>Total (11 yrs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connects</td>
<td>74</td>
<td>86</td>
<td>160</td>
</tr>
<tr>
<td>Capacity (MW)</td>
<td>1,588</td>
<td>3,779</td>
<td>5,367</td>
</tr>
<tr>
<td>Capacity/Connect</td>
<td>21.5</td>
<td>43.9</td>
<td>33.5</td>
</tr>
</tbody>
</table>
Future Growth Areas in Virginia

- Market segment Growth
  - Loudoun County (DE & NOVEC)
    - Currently 74% of our market and the number 1 market in the world
    - Significant growth will continue
  - Prince William County (DE & NOVEC)
    - This will be the next super large market – 1,500+ acres zoned data center
  - Stafford Area (DE & REC)
    - This will become another super large market
  - Southside, VA (DE & MEC)
    - 9 properties in Southside under development (1.5-2.0 GW)
  - Henrico County (DE)
    - Will develop into a large market
  - All other counties
    - May start to see a migration south of Loudoun and Prince William Counties
Dominion Energy Service Territory

Historical Demand Growth

\[ y = 31.174x^2 - 91.329x + 577.62 \]
\[ R^2 = 0.9985 \]
Data Center Forecast Process Overview

Forecast Modeling
- Statistical Assessments
- Sensitivities
- Comparison of Modeling Approaches

Customer Intelligence
- Signed Contracts
- Customer Provided Forecasts
- Customer Provided Growth Intelligence
- Geographical Areas of Future Growth

Market Research
- Land Purchase Intelligence
- Industry Changes
- Comparison of Data Center Markets

Validation
- Customer Specific Load Ramps
- Customer Provided Forecasts
- Signed Contracts

Dominion LSE Data Center Forecast Submission to PJM
Modeling Methodology

Statistically modeled 8 largest or fastest growing customers and a 9th model of all remaining customers combined into one segment

1. Statistically model demand three ways for each customer (27 models)
   a) Approach 1: linear regression of demand
   b) Approach 2: polynomial regression of demand
   c) Approach 3: linear regression of sales to demand
   d) Approach 4: custom fit (no growth)
   e) One of the four approaches is selected for each of the 9 customer segments using customer intelligence, including signed agreements, customer provided forecasts, etc.

2. Determine LSE vs. retail choice sales and demand
3. Assume above approach yields high scenario
4. Develop low scenario based on aggregate trending models
5. PJM submittal is the average of the high and low scenarios
6. Use load factor to model Dominion MWHs based on high, medium, and low demand
Drivers of Growth

• Migration to the Cloud
  • Outsource IT function and focus on business
  • Economies of scale
• Smartphone technology and Apps
• 5G technology
• Digitization of data
• Artificial Intelligence
• Virtual and Augmented Reality?
Forecast Validation

• Customer specific load ramps
  • metered demand (usage) vs. capacity (ask)
• Customer provided long-term forecasts
• Signed contracts
• Other validations
  • S-curves
  • Capacity per connect
Dominion Energy Service Territory - Contracts in Hand

8,658 MWs of Substation Engineering Letters of Authorization (SELOA) under contract.
Non-NOVEC Cooperative Data Center Demand

Billing Demand (MW)

<table>
<thead>
<tr>
<th>Year</th>
<th>2024P</th>
<th>2025P</th>
<th>2026P</th>
<th>2027P</th>
<th>2028P</th>
<th>2029P</th>
<th>2030P</th>
<th>2031P</th>
<th>2032P</th>
<th>2033P</th>
<th>2034P</th>
<th>2035P</th>
<th>2036P</th>
<th>2037P</th>
<th>2038P</th>
<th>2039P</th>
<th>2040P</th>
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</thead>
<tbody>
<tr>
<td>Demand</td>
<td>228</td>
<td>429</td>
<td>785</td>
<td>1,207</td>
<td>1,563</td>
<td>1,812</td>
<td>2,056</td>
<td>2,345</td>
<td>2,567</td>
<td>2,805</td>
<td>2,987</td>
<td>3,142</td>
<td>3,292</td>
<td>3,416</td>
<td>3,525</td>
<td>3,649</td>
<td>3,774</td>
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Questions?