

connect

ORLANDO JUNE 1-3, 2026





David Meier
Senior Engineer

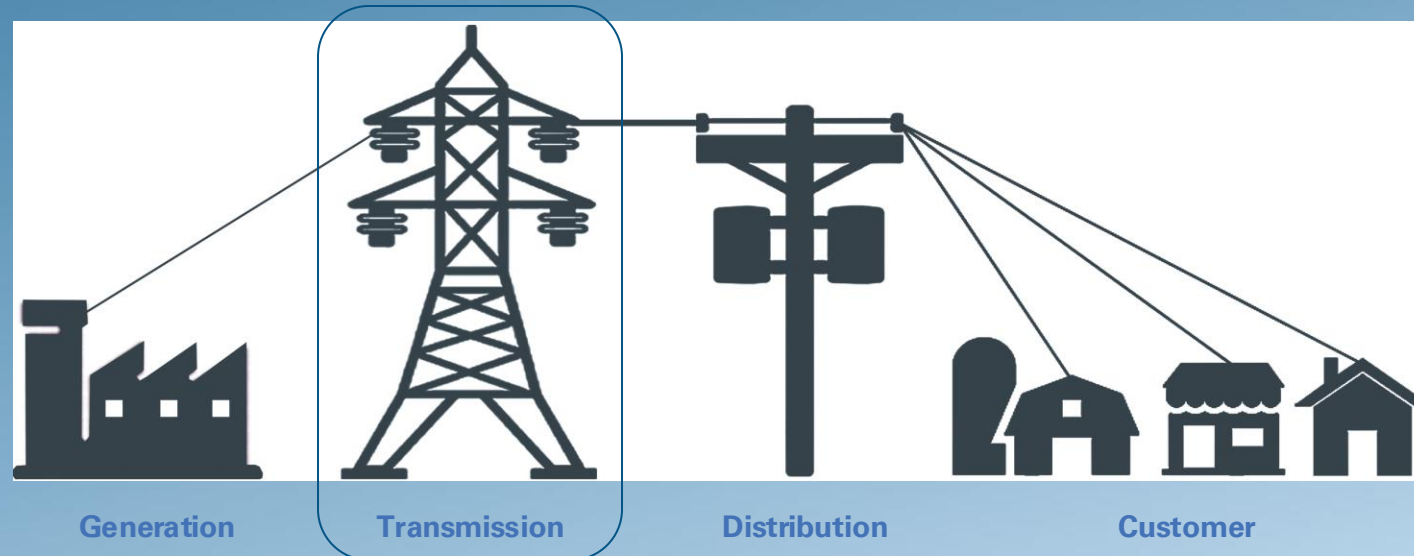
Bart Wheeler
Supervisor

Engaging Seeq Users with Customized Data Experiences



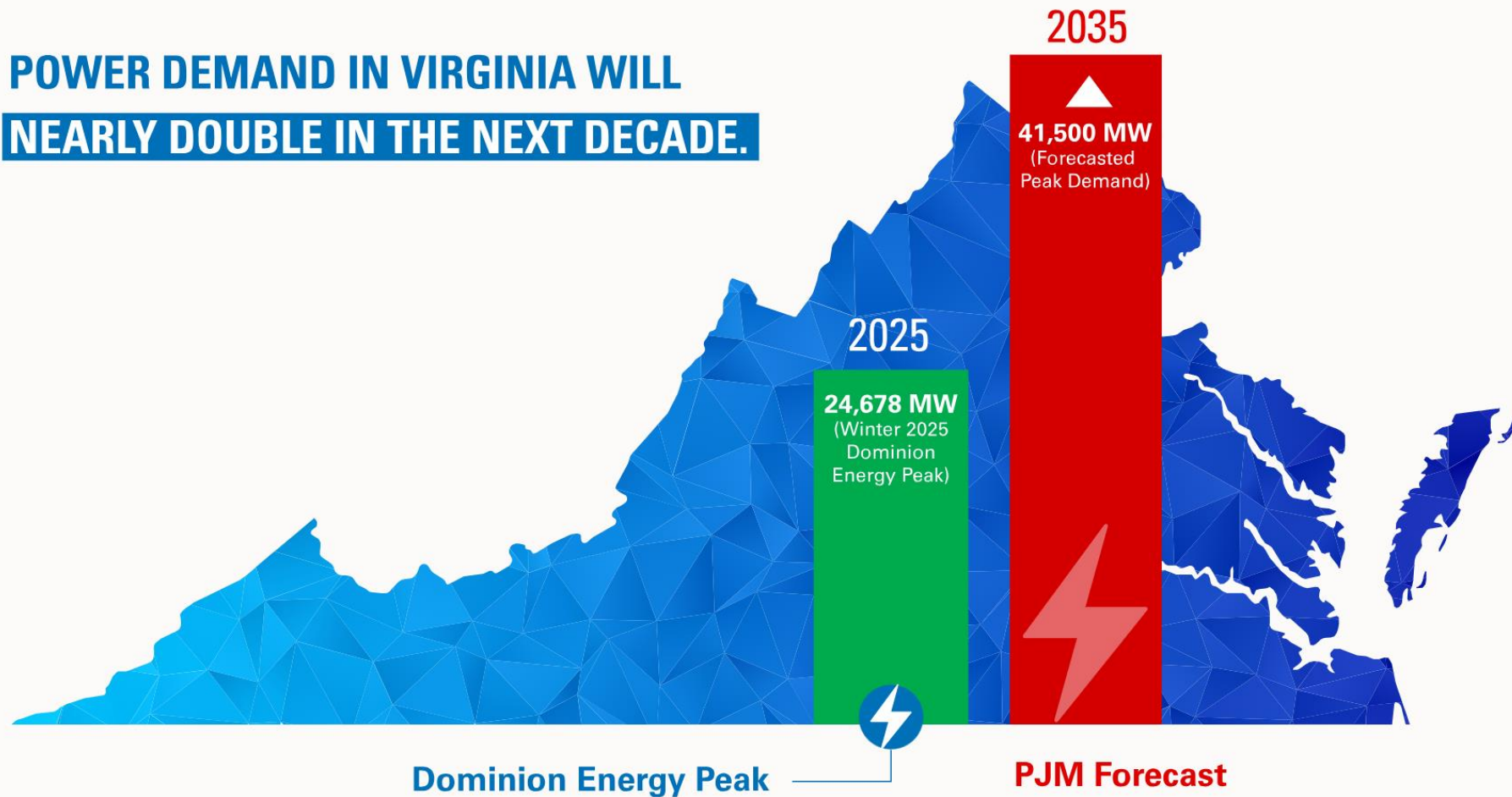
Dominion Energy at a Glance

- Dominion provides regulated electricity service to 3.6 million homes and businesses in Virginia, North Carolina, and South Carolina.
- Our team is within the Electric Transmission part of the organization, where we own and support applications such as PI, Seeq, and Predictive Grid.



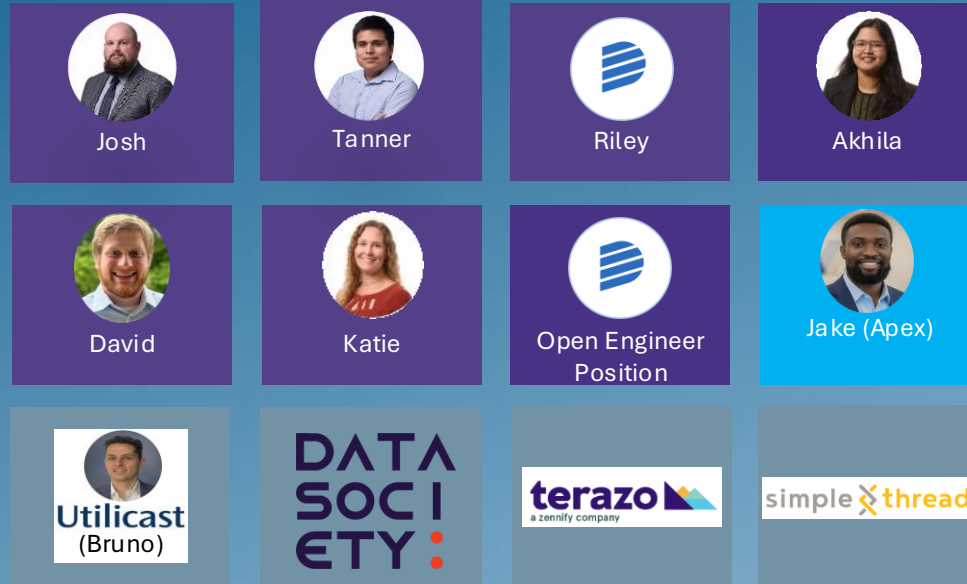
Powering Virginia

**POWER DEMAND IN VIRGINIA WILL
NEARLY DOUBLE IN THE NEXT DECADE.**



The Team and What We Do

Operations Analytics



Key Responsibilities

- Stewards of the time-series data in PI and PredictiveGrid
- Consult other teams within Electric Transmission & Distribution to help them leverage data for a variety of use cases (with tools like **Seeq**)

Life of PI



1998 – 2015 (FM)

- Homegrown time series data historian that collected and stored data from in-house written DMS & Alstom EMS
- Reports utilized to visualize data

2016-2019 (FM & PI)

- **2016: OSIsoft PI implemented.** DMS & EMS upgraded.
- Coresight (Vision), DataLink, and PI Portal “like for like” tools rolled out
- **2019: FM Retired**

2020-2023 (PI)

- Asset Framework, Automation, Data Governance, and Development of Custom PI Tools
- **Transition of ownership from IT to ET**

Seeq at Dominion Energy

2023

- Executive Leadership: **Land the plane with PI**
- ET Strategic Initiatives department created
- **Purchased Seeq** for advanced analytics for Electric Transmission

2024-2025

- PI Portal sunset project
- ETSI grew from 7 to 13 - split into two teams: Operations Analytics and Engineering Analytics & Modeling

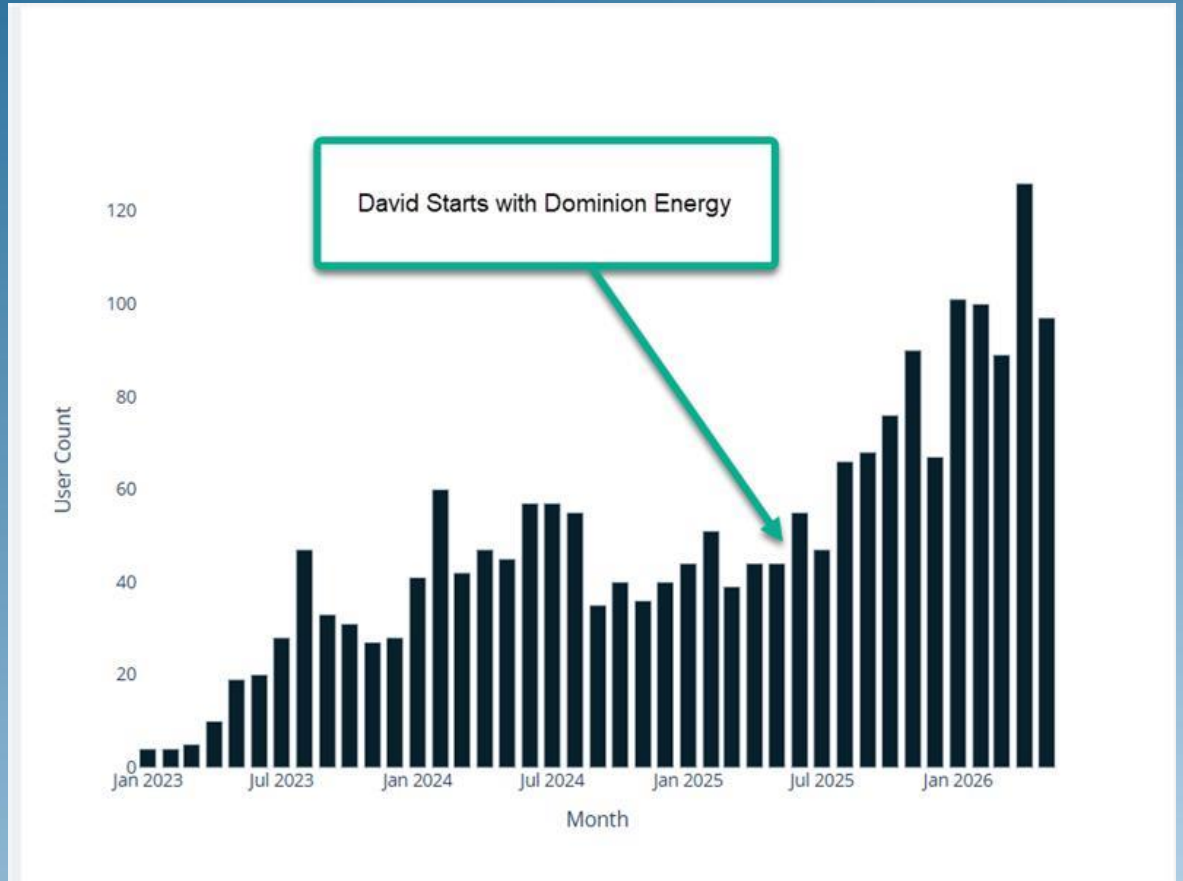
2025-2026

- **Increased Seeq user base** from 50 to 100
- Added Distribution users



Our Challenges with Seeq

- Low Usage
- Disjointed Solutions
- Lack of trust in Seeq due to data quality issues
- Not enough Seeq knowledge on Operations Analytics team
- Little to no training resources specific to Dominion Energy



Path to User Empowerment

Increase User Trust



**Develop
Knowledge**



**Improve User
Experience**



**Implement
Feedback**



Increase User Trust through Governance

- Data Governance initiatives to drive quality of data
- Tech demonstrations to inspire adoption
- Champion development to have peer-driven support
- User sessions with key users to identify high-value improvements



Image is AI produced

Develop Knowledge through Training

- Welcome Package to get new users started
- Job Aids to lower boundaries to success
- Training incentives to encourage learning and reduce the support burden
- Custom trainings to tailor learning towards data users are accustomed to
 - Dominion-specific “Seeq Bootcamp”
 - Seeq Quick-start sessions with individual teams



Improve User Experience through Open Communication

- Partnership with Seeq to close the support loop
 - Seeq-Led “Champions Use-Case Workshop”
 - Monthly touchpoints
- Internal Office Hours to prevent user frustration
 - One-on-one targeted support for users with platform SMEs
- Oversight and responsiveness to help users feel heard

Seeq Training with Dominion Data Videos



Implement Feedback through Custom Data Products

- Workbench Templates for high-impact use-cases
- Data Lab Functions & code libraries to simplify and standardize
- Custom Add-ons integrated with Seeq to meet specific needs of users
 - Peak/CoinPeak
 - Reports

Set Source

2

Manage Signals

Selected Signals

- signal 2
- signal 3

Manage Coincidental Signals

☐ Show Total Station Load

Set Time Range Start

04/22/2026 09:10 AM

Set Time Range End

04/30/2026 09:10 AM

Set Interval

2

Set Peak Type

2

Peaks/DayPeaks/MonthTotal Peaks

156

Run Analysis

Data Source
ADMS Pro

Interval
Day

Signal 1Signal 2Coin 1Coin 2

	Interval Start	Interval End	Peak Value	Peak Time
0	01/17/2026 04:54:46	01/17/2026 04:54:46	5.21056	01/17/2026 04:54:46
1	01/17/2026 21:34:46	01/17/2026 21:34:46	3.25748	01/17/2026 21:34:46
2	01/18/2026 14:14:46	01/18/2026 14:14:46	5.70751	01/18/2026 14:14:46
3	01/19/2026 06:54:46	01/19/2026 06:54:46	5.8076	01/19/2026 06:54:46
4	01/19/2026 23:34:46	01/19/2026 23:34:46	5.11118	01/19/2026 23:34:46
5	01/20/2026 16:14:46	01/20/2026 16:14:46	4.48219	01/20/2026 16:14:46

View

Export all to CSV

Summary & Next Steps

- We were not getting the value out of PI that we needed, so we implemented Seeq.
- We were not getting the value out of Seeq that we needed, so we implemented solutions to address the various challenges we were facing.
- Next steps for us
 - Retire old applications (force users to adopt Seeq tools)
 - Mature Data Governance model
 - More custom trainings – continue to market and promote Seeq & our team
- Next steps for you!
 - Post flyers around the office to use native Seeq tools/trainings
 - Create a welcome packet for new users
 - Develop custom trainings for your business units
 - Create an Add-On
 - Learn Python and/or use the Seeq AI tools!