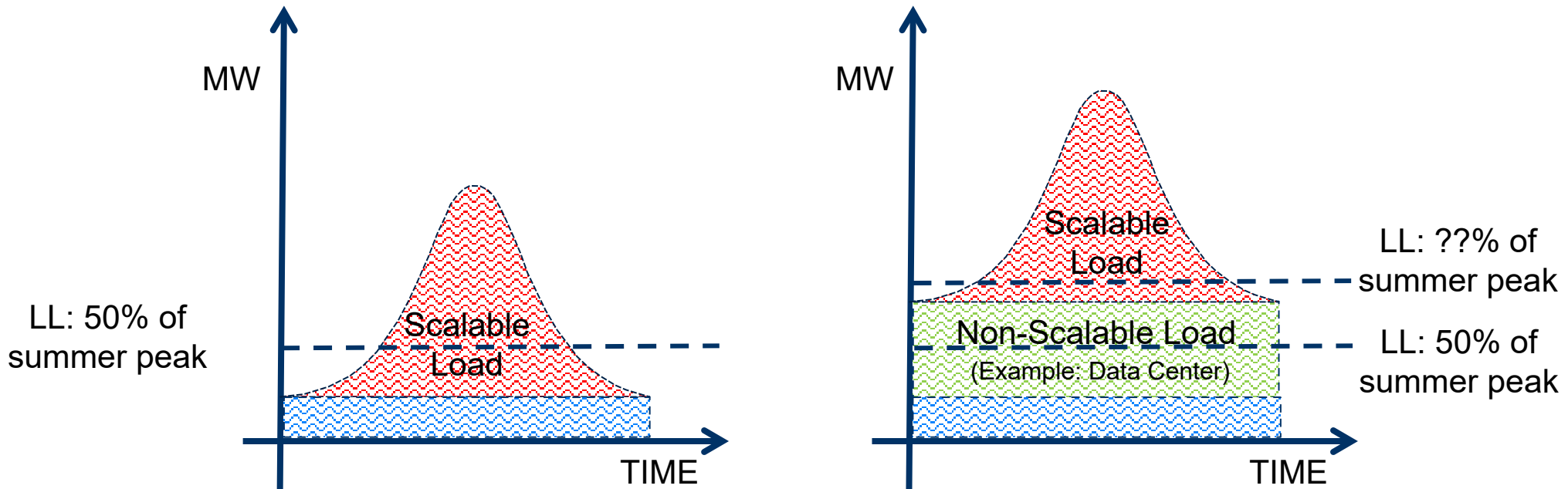




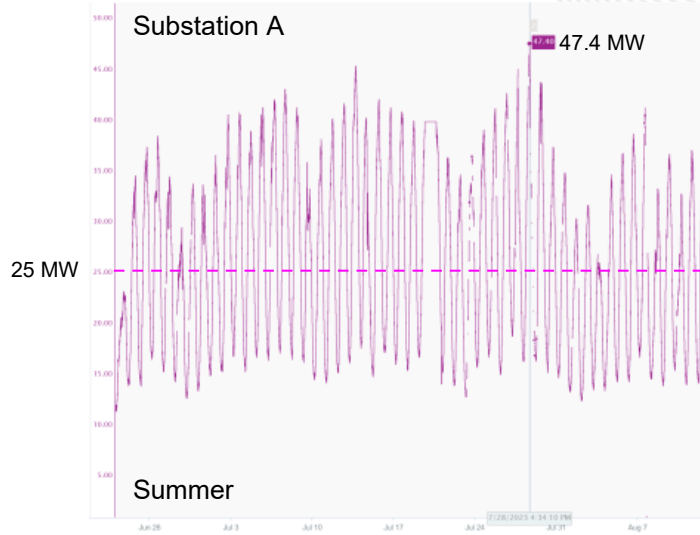
Load Profiles

Stan Sliwa, P.E.
Lead Engineer, Transmission Planning
Markets & Reliability Committee
August 21, 2024

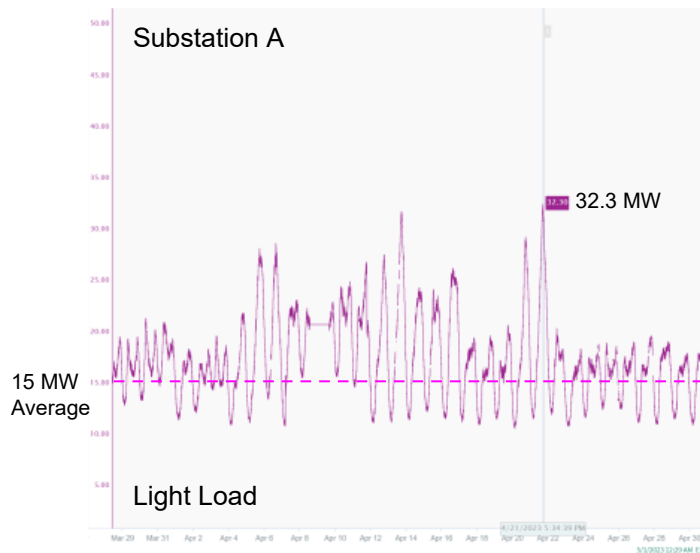
- Substations that supply both Data Center and non-Data Center load shifts the overall load value higher.



Conventional Substation

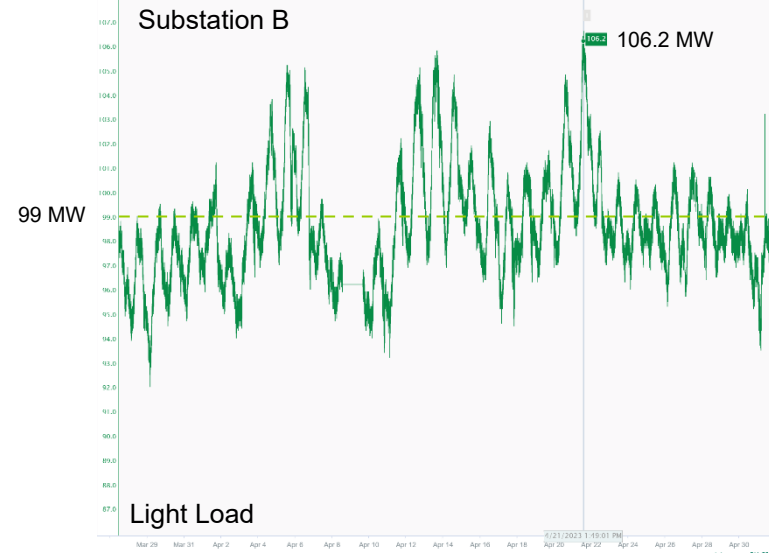
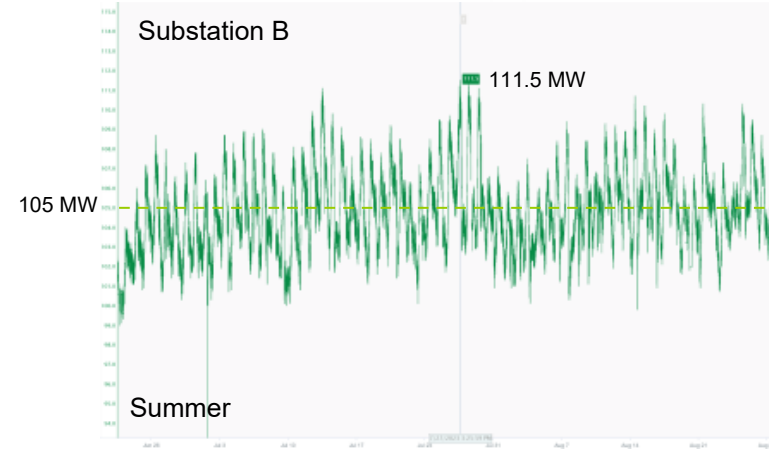


Average load is approximately 50% of peak



Substation with concentrated Data Center load

Average load is approximately 94% of peak



SME/Presenter:
Stan Sliwa,
Stanley.Sliwa@pjm.com

Load Profiles



Member Hotline

(610) 666 – 8980

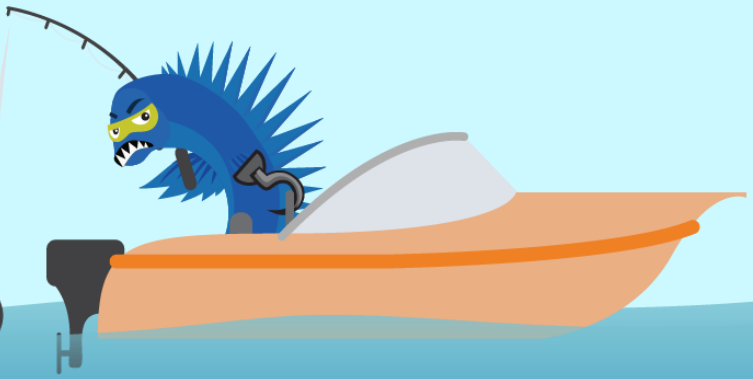
(866) 400 – 8980

custsvc@pjm.com

Version No.	Date	Description
1	08/14/2024	<ul style="list-style-type: none">• Original slides posted

**PROTECT THE
POWER GRID**

**THINK BEFORE
YOU CLICK!**



**BE ALERT TO
MALICIOUS PHISHING
EMAILS**



**Report suspicious email activity to PJM.
Call (610) 666-2244 or email it_ops_ctr_shift@pjm.com**