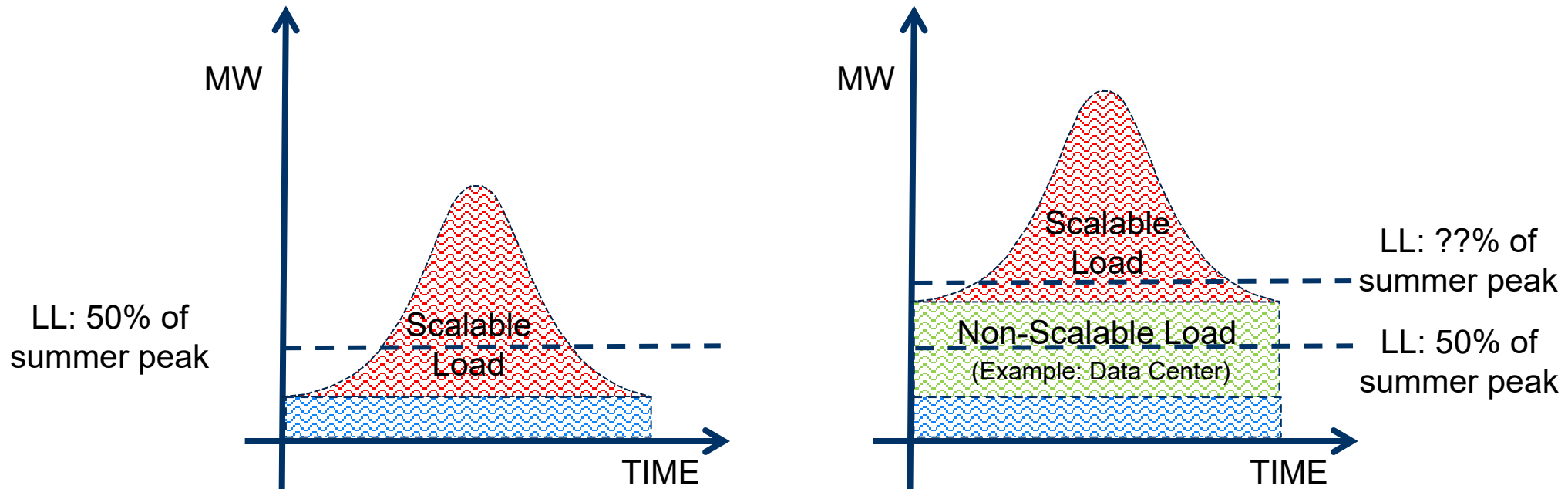


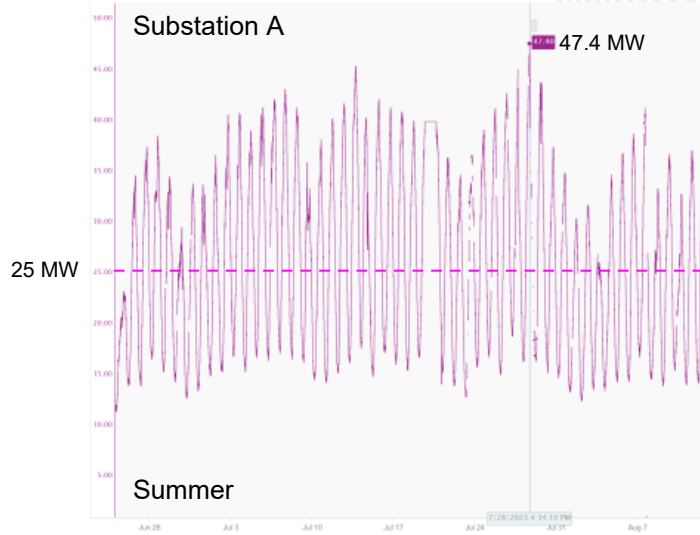
Load Profiles

Stan Sliwa, P.E.
Lead Engineer, Transmission Planning
Markets & Reliability Committee
September 25, 2024

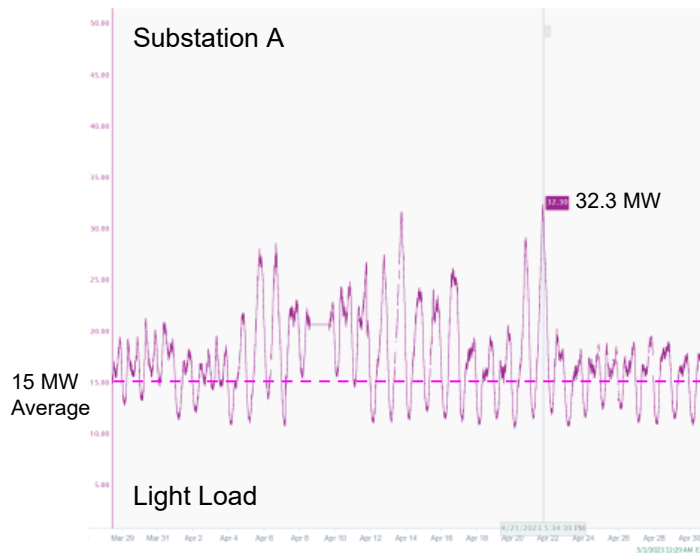
- Substations that supply both Data Center and non-Data Center load shifts the overall load value higher.



Conventional Substation

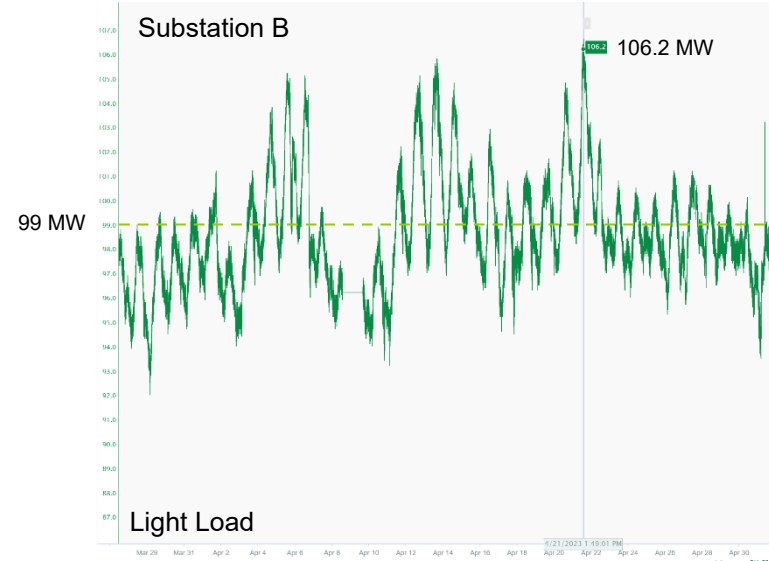
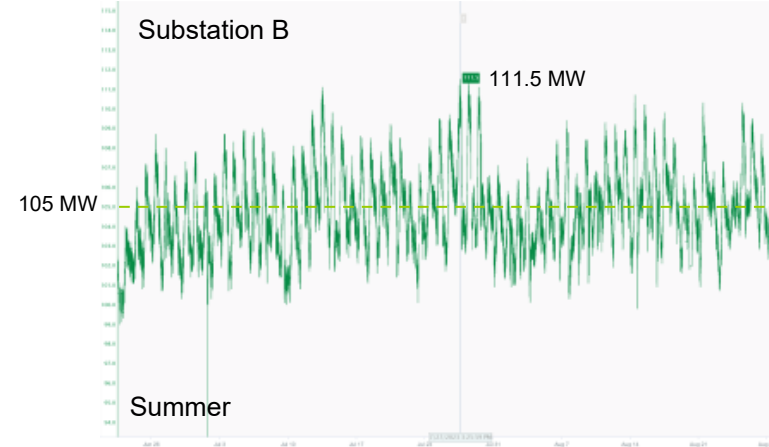


Average load is approximately 50% of peak



Substation with concentrated Data Center load

Average load is approximately 94% of peak



SME/Presenter:
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Stanley.Sliwa@pjm.com

Load Profiles



Member Hotline

(610) 666 – 8980

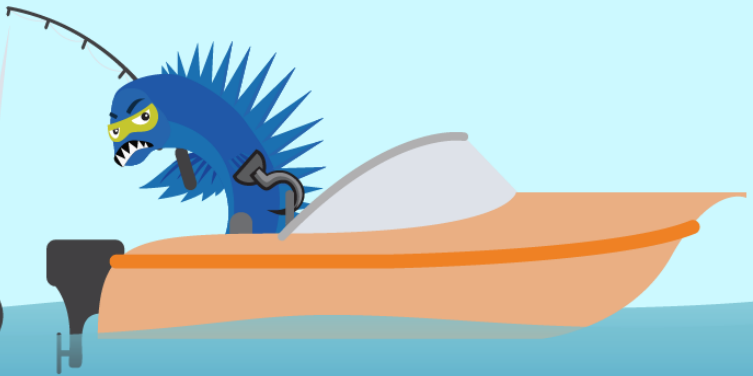
(866) 400 – 8980

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1	09/18/2024	<ul style="list-style-type: none">• Original slides posted

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