Exhibit No. 1

Ameren – Exhibit 1
On-the-Record Presentation
File No. EO-2022-0215

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Ameren Missouri
EO-2022-0215

August 17, 2022

Ameren MISSOURI

Ameren Exhibit No. 1
Date 8/17/22 Reporter BJ
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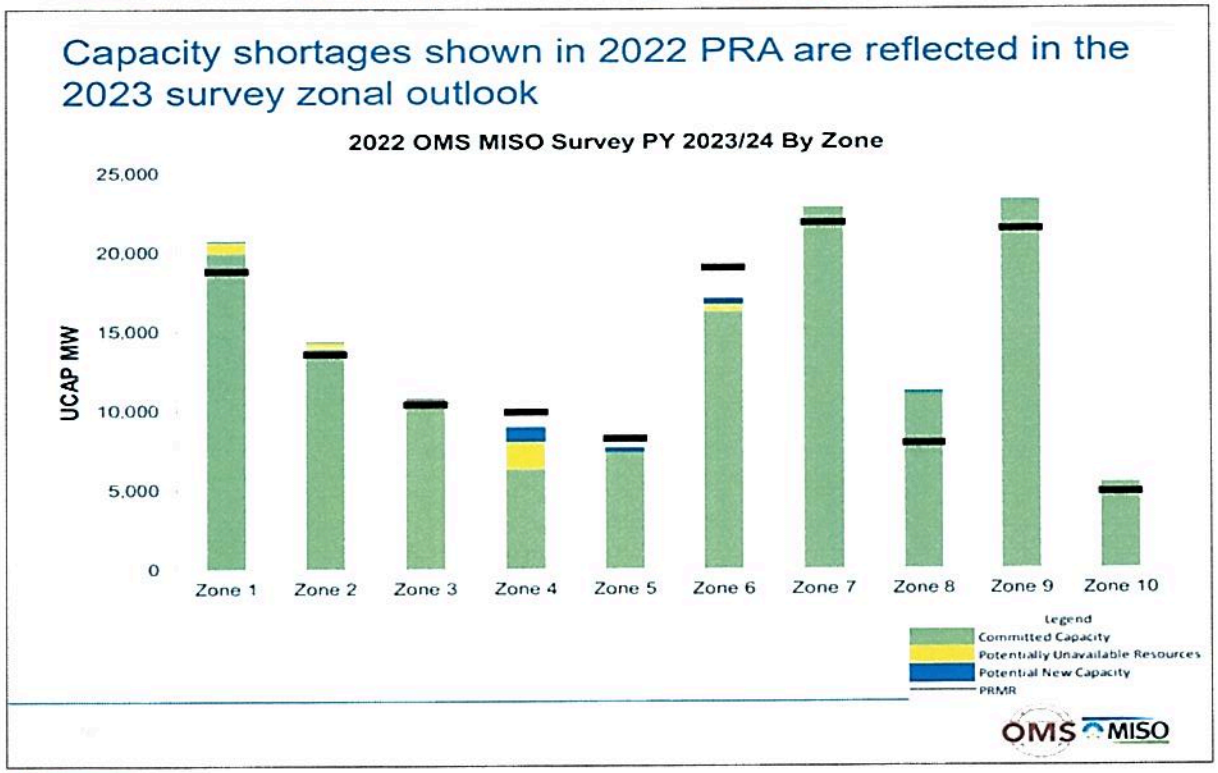
2022 OMS-MISO Survey

"…the issue of securing capacity, both in terms of planning obligations ahead of time, as well as meeting real time load obligations…"

Capacity shortages shown in 2022 PRA are reflected in the 2023 survey zonal outlook



- **Ameren Missouri demonstrated sufficient capacity in the OMS Survey and in recent PRA.**
- Ameren Missouri load is in Zone 5; Missouri. However, owned resources are across Zones 4 and 5; Illinois and Missouri.
- The five CTG sites in IL total 1,739 MW of installed capacity. This translated to 1,371.1 MW of UCAP participating in the recent MISO PRA.
- These IL CTGs are pseudo-tied to Missouri. If reflected as such, Zone 5 would be sufficient and Zone 4 increasingly short.

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Capacity Position Modeling

"...the issue of securing capacity, both in terms of planning obligations ahead of time, as well as meeting real time load obligations..."

Key Considerations of MISO Planning Resource Auction (PRA) position:

- MISO Capacity Accreditation Differs from IRP Modeling.
    - The IRP utilizes Installed Capacity, with some availability reductions, to achieve a consistent long-term perspective. The MISO process is less stable, as available capacity is annually adjusted based on 36-month prior operating performance.
- Ameren Missouri's position in the MISO capacity auctions, after Rush Island units retire, will be very near flat. If accreditation for existing resources falter, or new renewable resources are not commercially operable, a short position may develop.
- Strategy for procuring any necessary capacity would be determined after final position modeling and consultation with the Independent Market Monitor (IMM).

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Ameren Missouri Position - MISO Planning Resource Auction

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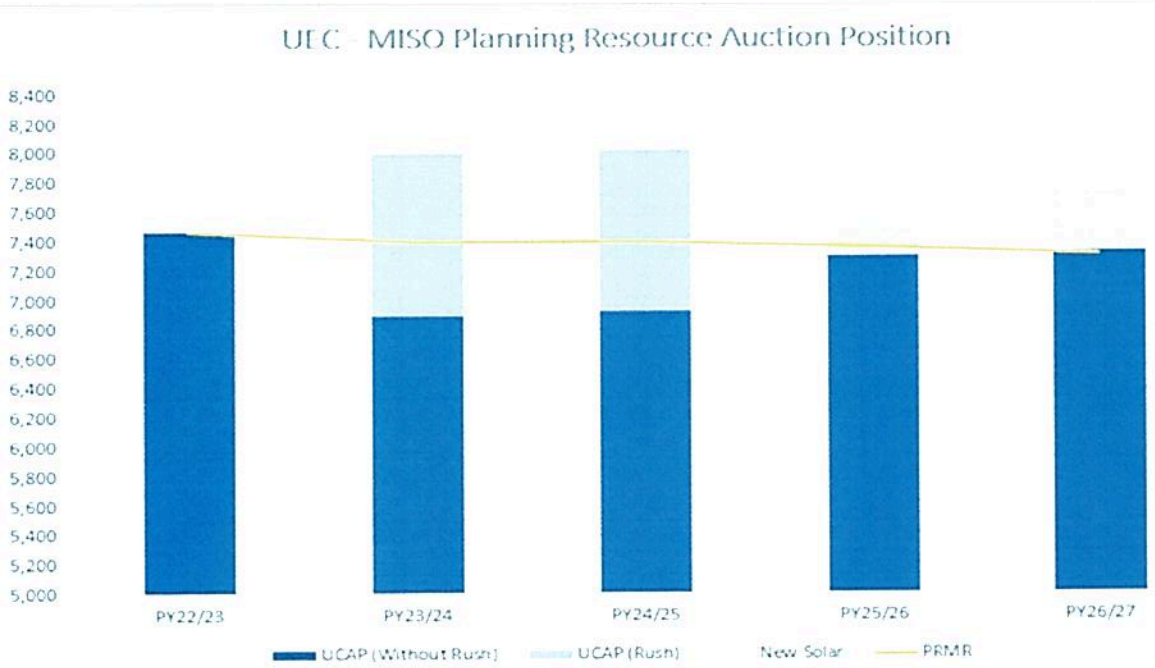

- Assumes Rush Island will be online as an SSR through Spring 2024.
- Utilization of RIEC units for MISO PRA purposes is subject to IMM discretion.
- These UCAP values assume recovery of Callaway accreditation and include proposed renewables.

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Real Time Load Obligations & Stressor Events

"...the issue of securing capacity, both in terms of planning obligations ahead of time, as well as meeting real time load obligations..."

Ameren Missouri Proactive Actions Include:

- Risk-based major outage schedule for baseload units
- Pre-summer and Pre-winter readiness meetings with Energy Centers
- Year-round active monitoring of river conditions to anticipate potential issues such as high & low levels, high temperatures, ice jams, etc.
- Daily tracking and analysis of weather, electric loads, and MISO system forward forecasts to proactively identify system conditions.
- Internal conservative ops indications – stoplight system described in Winter storm Uri docket
- Coordination & compliance with MISO Emergency notifications and procedures

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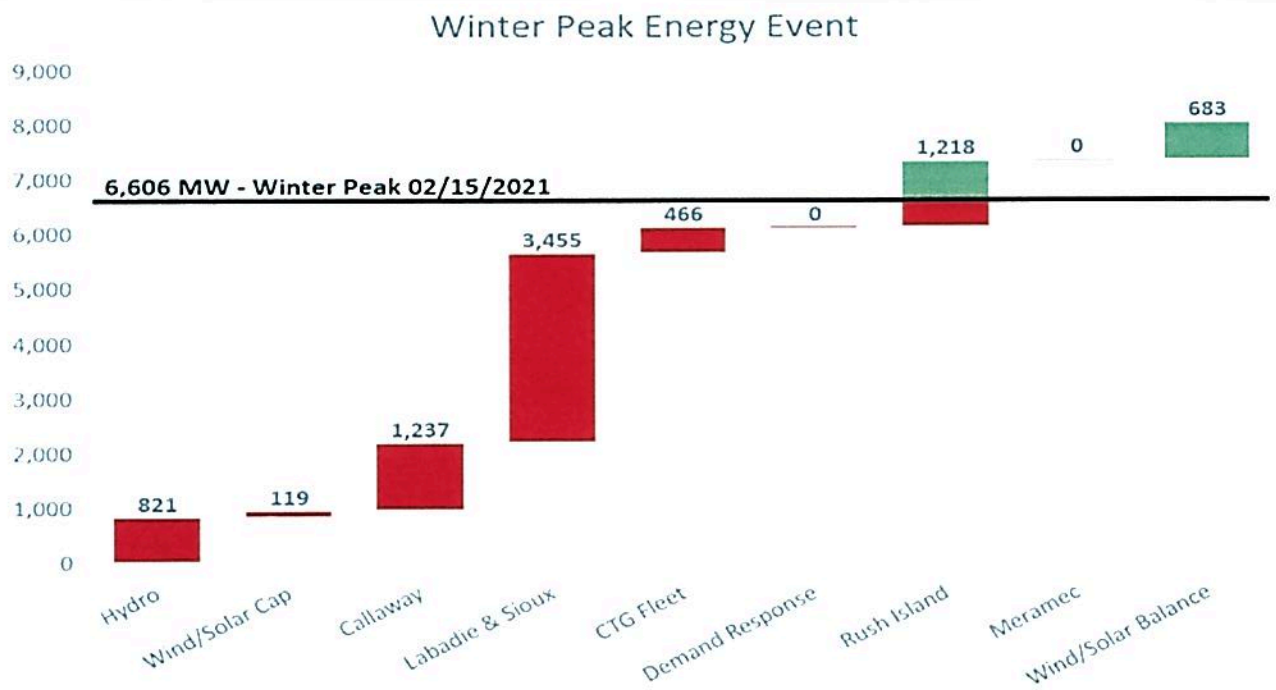
Winter Peak Demand

"…strategies it will undertake to meet its load in the event of a stressor event in the foreseeable future…"



- During Winter Storm Uri, hourly retail load reached 6,606 MW. If a similar event occurs in next two winters, resources will be stressed, but sufficient.
- CTG winter availability reduced due to anticipated pipeline restrictions
- Ameren exploring options to address winter supply, post-RIEC closure.

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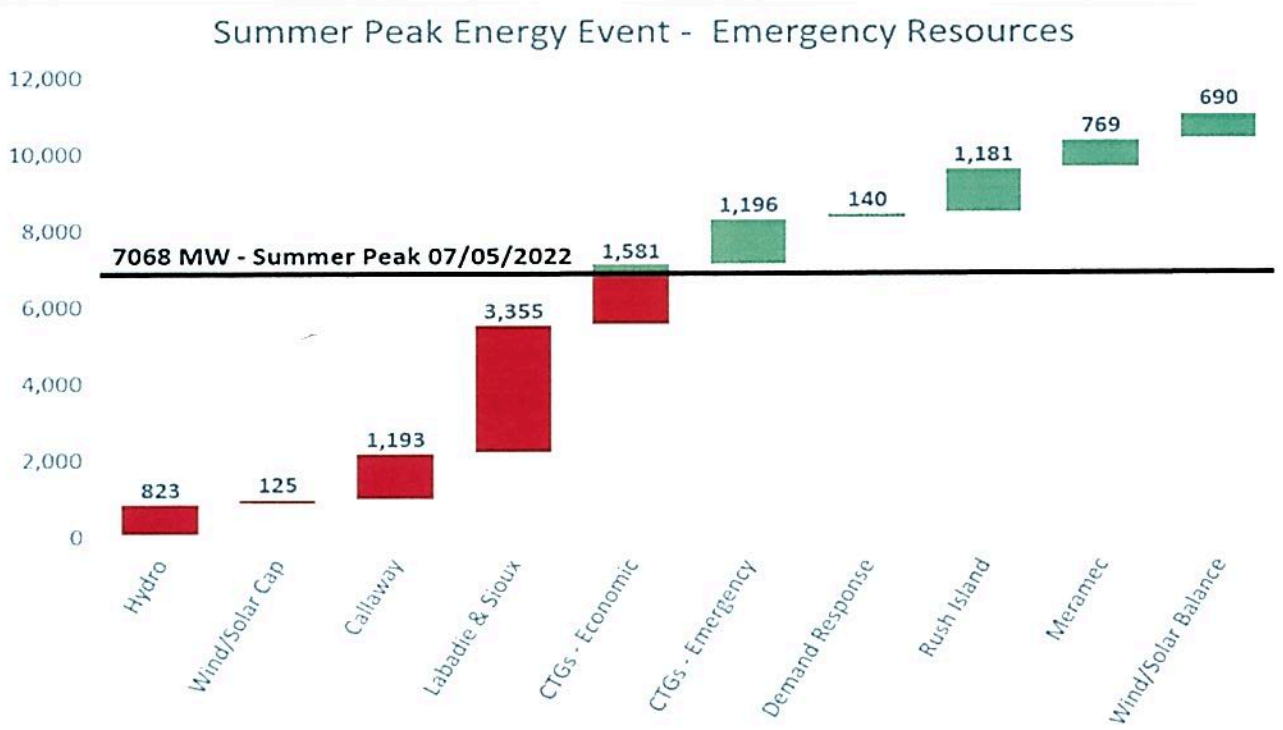
Summer Peak Demand – with 'Emergency' Resources

"…strategies it will undertake to meet its load in the event of a stressor event in the foreseeable future…"



- On July 5th temps reached 101 degrees, setting a post-Noranda retail load peak.
- The IL CTG fleet has emissions restrictions from the IL Clean Energy Jobs Act. Runtime hours are reserved for Emergency conditions.
- Demand Response programs run May – September.
- No pipeline restrictions.

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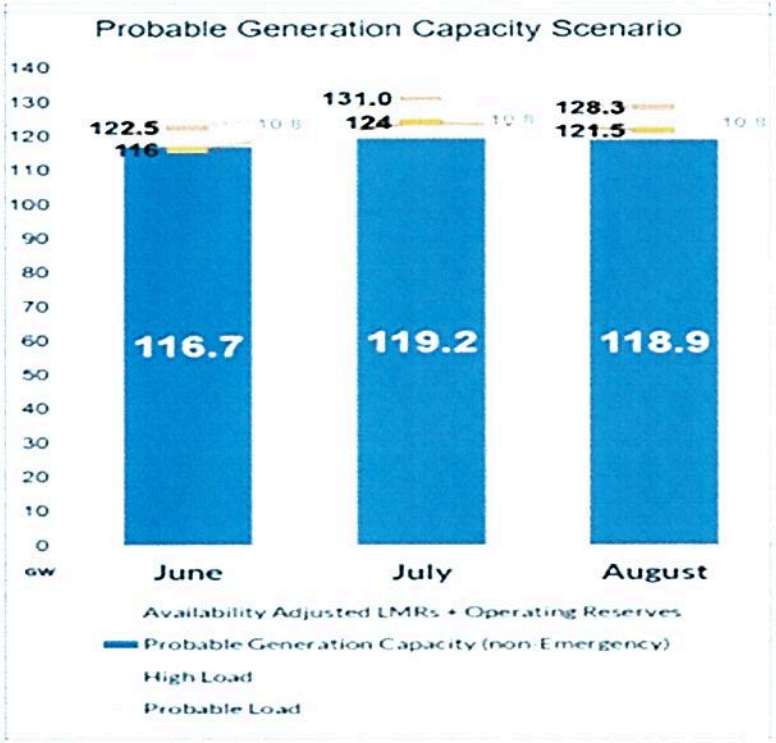
2022 Summer Readiness

"… in the event of a stressor event in the foreseeable future on both its system and MISO's system."



- When MISO system loads reach the forecasted peaks, Emergency resources and non-firm energy imports are projected to be needed to maintain system reliability.
- These Emergency resources include Demand Response, expanded operating limits for generation, and availability-constrained resources, such as Ameren Missouri's IL CTG's.
- MISO's Maximum Generation Emergency Operating Procedure dictates the actions necessary, with firm load shed being the final step.

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