



# How ipl wants ferc to transform miso energy storage tariffs

MISO SCHEDULE 26A FERC Electric Tariff Multi-Value Project Usage Rate SCHEDULES 37.0.0 Effective On: August 30, 2023 ITC Comments: There is an important distinction between Electric Storage Resources as considered in the MISO Tariff as defined presently, and the proposal that MISO has set forth for

Long-duration storage: MISO only models storage as having a 4-hour capability. Multi-day storage is being piloted by MISO utilities, thus MISO should develop the modeling that will help determine multi-day storage's value within MISO's footprint now, rather than waiting until it is added to the fleet.

On June 1, 2020, MISO responded with Q& A after the tech conference. MISO received the FERC acceptance order on Aug 10, 2020, and MISO replied to FERC on Sep 23, 2020. Docket # ER20-588. Implications of MISO's SATOA. If other ISOs like MISO take upon MISO's SATOA as a blueprint for storage projects, FERC must approve individual ISO tariff ...

The Energy Storage Association said of FERC order 841 on its website, "By directing the regional grid operators to establish rules that open capacity, energy, and ancillary services markets to energy storage, the order affirms that storage resources must be compensated for all of the services provided and moves toward leveling the playing ...

electric energy to approximately 490,000 retail customers in the city of Indianapolis and neighboring areas within the state of Indiana. IPL is a transmission system owner member of MISO. IPL owns and operates the IPL Advancion Energy Storage Array, the Harding Street Station Battery Energy Storage System ("HSS BESS"). IPL Public Document

In ER20-588, FERC recently suspended for five months proposed changes to the MISO tariff to accommodate energy storage as a transmission asset. They ordered Staff to have a technical conference. Below is the key paragraph from the Order, which is attached."Our preliminary analysis indicates that the proposed revisions to MISO's Tariff have not been ...

Specifically, MISO's tariff revisions included: (1) an evaluation process for the energy storage resource to be included in the MTEP; (2) cost assumptions that are considered in the evaluation of an energy storage resource; (3) criteria for selecting an energy storage resource as a solution in the MTEP; (4) the process for developing ...

On April 19, 2012, the Federal Energy Regulatory Commission (the "Commission" or "FERC") approved proposed tariff revisions of Midwest Independent Transmission System Operator, Inc. and the Transmission Owners of the Midwest Independent System Operating, Inc. (collectively "MISO") in its effort to facilitate the



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integration of Entergy Corporation and its operating ...

energy storage in shaping its market reforms. However, we disagree that handling energy storage projects in a "one-off" or ad hoc basis is adequate to ensure that the full suite of benefits energy storage provides are captured and monetized. Cost-recovery mechanisms cannot be handled on an ad hoc basis, but must be fair and equitable for all.

Utility industry news and analysis for energy professionals. Current dispatch rules, designed for flywheels, could degrade batteries much quicker than anticipated, the utility argues. ... How IPL wants FERC to transform MISO energy storage tariffs The utility says current storage rules were intended for flywheels and would degrade batteries too ...

The Energy Policy Act of 2005 added a new § 4(f) to the Natural Gas Act, stating that the Commission may authorize natural gas companies to provide storage and storage-related services at market-based rates for new storage capacity (placed into service after the date of enactment of the Act), even though the company can't demonstrate it lacks ...

Currently, the MISO region contains nearly 75,000 miles of high-voltage transmission, as well as roughly 199,000 megawatts of electricity generating capacity. MISO does not own any of these assets. Instead, with the consent of our asset-owning members and in accordance with our FERC-approved tariff, MISO

In the first three quarter of the year, there was a total of \$812 million of corporate investment in energy storage, according to the report. That far outstrips the \$416 million for all of 2015. To date, the 2016 total includes \$167 million of venture capital funding and \$645 million in project financing.

Treatment of Storage as Transmission in MISO o Since April 2018, MISO stakeholder process to develop rules to treat storage as transmission o MISO filed "Storage as Transmission Only Asset (SATO)" tariff revisions with FERC on 12/12/19 Projects evaluated for ability to address transmission issues

oIPL's 20MW storage system provides frequency regulation, frequency response, and contributes to MISO's NERC compliance -IPL asserts that there is no provision to compensate them for frequency response -IPL also asserted that MISO's tariffs for ancillary services, energy, ramping, and capacity were designed... exclude applicable ...

The Commission requires that all tariffs, tariff revisions and rate change applications be filed electronically in the manner prescribed by Order No. 714. The affected required filers are: Public utilities and Power Marketing Administrations under Parts 35 and 300;The Commission requires that all tariffs, tariff revisions and rate change applications be filed electronically in the ...

provides to the energy market at the market price for energy, referred to as the locational marginal price



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(LMP). Order 2222, O2222-A: O2222-B; September 17, 2020. March 18, 2021: June 17, 2021 - Allow distributed energy resource aggregators to register distributed energy resource aggregations under one or more participation models that accommodate

Dive Brief: Indianapolis Power & Light (IPL) has filed a fast track complaint asking the Federal Energy Regulatory Commission (FERC) to find that the Midcontinent ISO's rules for energy storage are deficient and should be revised.; The focus of the complaint is IPL's its 20 MW Harding Street battery storage plant that entered service in May. The facility provides MISO ...

The electricity sector is transforming quickly, and there is a need to understand the technical, economic, and policy implications. Energy storage will play an important role in the new grid. In the MISO region, the Midwest, and in Minnesota, there are many opportunities and policy questions being explored around energy storage. The electricity grid in the United States is ...

On January 12, 2016, the Federal Energy Regulatory Commission ("FERC") issued an order rejecting without prejudice Louisiana Generating LLC's ("Louisiana Generating") request to recover costs associated with performing its obligations as a local balancing authority ("LBA") under the Midcontinent Independent System Operator, Inc's ("MISO") Open Access ...

MISO has 15,000 MW of storage in the queue waiting to interconnect as of September 2021. To put this in perspective, MISO only had 500 MW active in the queue in February 2019. So, in 30 months - MISO's storage in the queue grew 30 times! All because of FERC Order 841 and its opportunities for energy storage.

After a MISO filing in December 2019, several protests, comments and answers, a technical conference and responsive pleadings, FERC approved, effective August 11, 2020, in Docket ER20-588, changes to the MISO OATT that provide for storage to be treated as a transmission asset for transmission planning and project selection. FERC required MISO to ...

MISO has indicated that in early 2020, it intends to begin the stakeholder process to develop the framework and corresponding tariff and BPM revisions to enable storage as transmission assets to be used to provide market services when available, which is in line with FERC's 2017 policy statement "Utilization of Electric Storage Resources ...

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