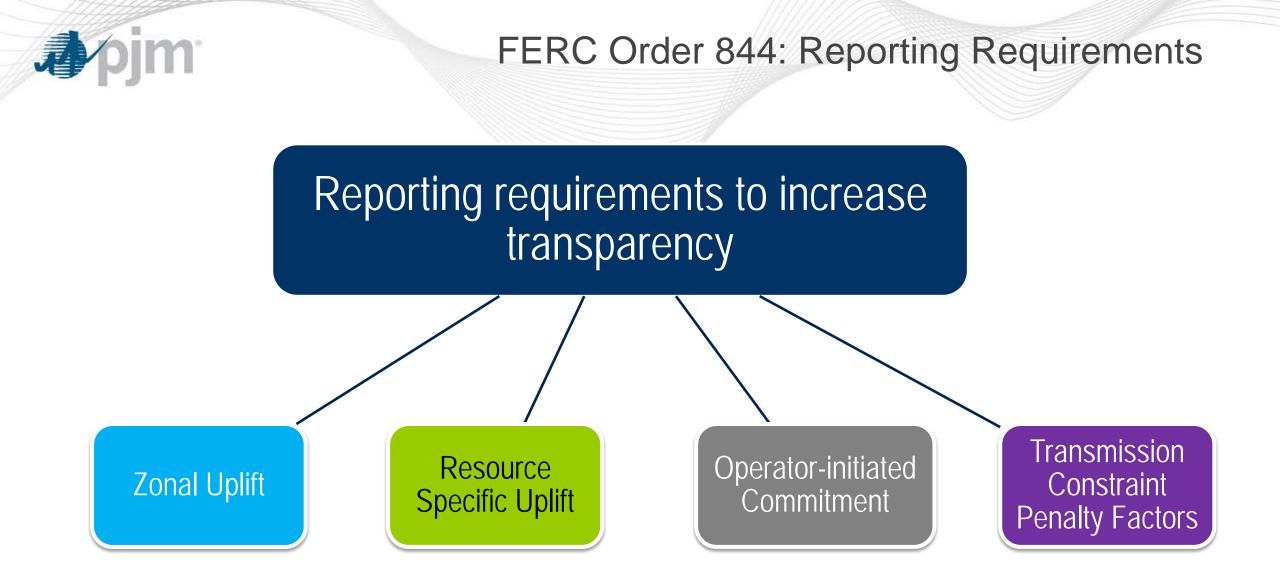


#### FERC Order 844 Uplift Cost Allocation and Transparency in Markets Operated by RTOs/ISOs

Rami Dirani Sr. Economist, Advanced Analytics Market Implementation Committee August 8, 2018





RTO/ISO Requirement Report the total daily uplift payments and charges in dollars within each uplift category by zone FERC Required Timing Post within 20 calendar days of the end of the month

**PJM Proposed Timing** Post approx. 7 calendar days from the end of the target month

\* Existing uplift credits report will continue to be posted

#### Proposed Operating Agreement Language

(ii) Within 20 calendar days after the end of each month, (A) the total daily uplift credits by Zone as set forth in Tariff, Attachment J and RAA, Schedule 15, and by applicable uplift charge codes (including operating reserves lost opportunity cost) and (B) the total daily uplift charges by Zone as set forth in Tariff, Attachment J and RAA, Schedule 15 and uplift charge codes along with relevant subcategories by which they are allocated. The Office of Interconnection shall incorporate the best available information at the time the posting is created.

### **Resource-Specific Uplift Report**

**RTO/ISO Requirement** Report the unit specific resource name and the total amount of uplift paid within the calendar month. FERC Required Timing

Post within 90 calendar days following the end of the reporting month

**PJM Proposed Timing** Post approx. 7 calendar days PLUS one month from the end of the target month

#### Proposed Operating Agreement Language

(iii) Within 90 calendar days after the end of each month, the name of each resource unit and total uplift credit payments for each resource unit that received uplift credits in that month. The Office of Interconnection shall incorporate the best available information at the time the posting is created.



# **Operator-initiated Commitment Report**

#### **RTO/ISO Requirement**

Post all operator initiated commitments after the day-ahead market, whether manual or automated, for a reason other than minimizing the total production costs of serving load. Include the size of the commitment, transmission zone, commitment reason, and commitment start time .

Commitment reasons: system wide capacity, constraint management, and voltage support.

FERC Required Timing Post within 30 calendar days after the end of the month PJM Proposed Timing Post approximately 20 calendar days from the end of the target month

#### Proposed Operating Agreement Language

(iv) Within 30 calendar days after the end of each month, each Operator-initiated Commitment listing the size of the commitment in megawatts, where megawatts are equal to the economic maximum, Zone as set forth in Tariff, Attachment J and RAA, Schedule 15, commitment reason, and commitment start time. Commitment reasons shall include, but are not limited to, system wide capacity, constraint management, and voltage support.



# **Transmission Constraint Penalty Factors**

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### **RTOs/ISOs Requirement** Include in tariff on an on-going basis:

Transmission constraint penalty factor values used in its market software

Circumstances, if any, under which the transmission constraint penalty factors can set LMPs Procedures, if any, for temporarily changing transmission constraint penalty factor values

Revisions to the practices surrounding transmission constraint penalty factors are currently under discussion as part of the "<u>Transmission Constraint Penalty Factors</u>" issue.

• MIC special session scheduled for Aug, 10, 2018, 9:30 a.m. – 12:00 p.m.

PJM filed a motion for extension of time until November 9, 2018

<b>J</b> pjm							FERC Order 844 Timeline				
Apr. 25Aug.Federal(Ope			8 MIC & 23 MRC erating Agreement uage Review)				Jan. 1 Propo	sed Go-L	ive		
Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	<u>_</u> ;
2018									2019	I	ľ
	Effective Date: Jul. 9 (75-days after Federal Register)			Sep. 7 Compliance Filing Deadline (within 60-days of effective date)			days	Jan. 7 Tariff Changes Effective Deadline (120-days after compliance filing)			