

PJM Governance & Stakeholder Process

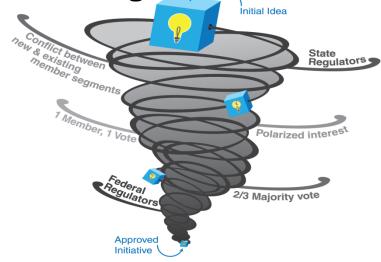
David Anders, PE Director - Stakeholder Affairs Stakeholder Process "Super Forum" July 25, 2018

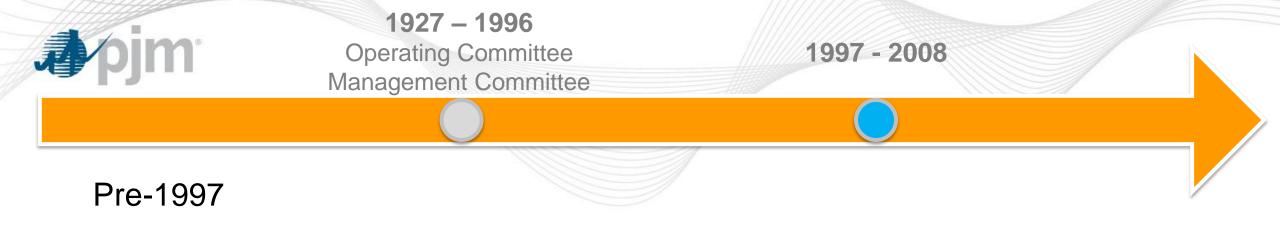


Purposes of the Stakeholder Process

- Educate each other on issues related to PJM markets, operations, public policies and industry matters;
- **Explore solutions**, building consensus which may help policy makers approve key laws and regulations;
- Enhance communication among Members and between Members and PJM management

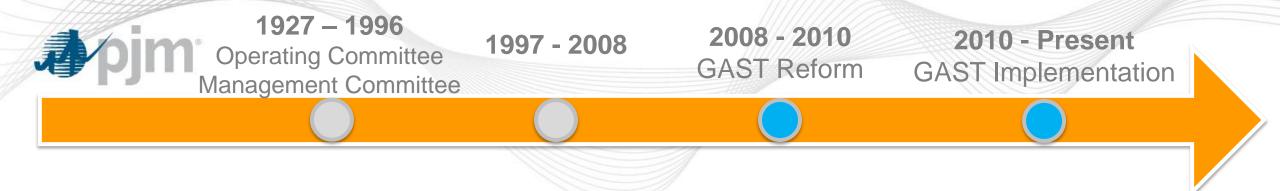
Vet and approve / endorse changes to PJM Markets, Operations, Planning





- 1997: Operating Agreement
- 2002: Chairman's Advisory Team
- 2004: Governance Working Group (GWG)
 - Perceived power imbalance
 - Sector definitions
 - Did not reach a solution
 - Lower Level Standing Committee Voting, Voting Reports
- 2005: OPSI established

2007: Liaison Committee re-created



2008-2010: FERC Order 719, Governance Assessment Special Team (GAST)

Phase 1: Raab & Associates conducted independent assessment of PJM governance structure

Phase 2A: Consensus-Based Issue Resolution process implemented

Phase 2B: GAST couldn't agree to address power imbalances – led to Enhanced Liaison Committee

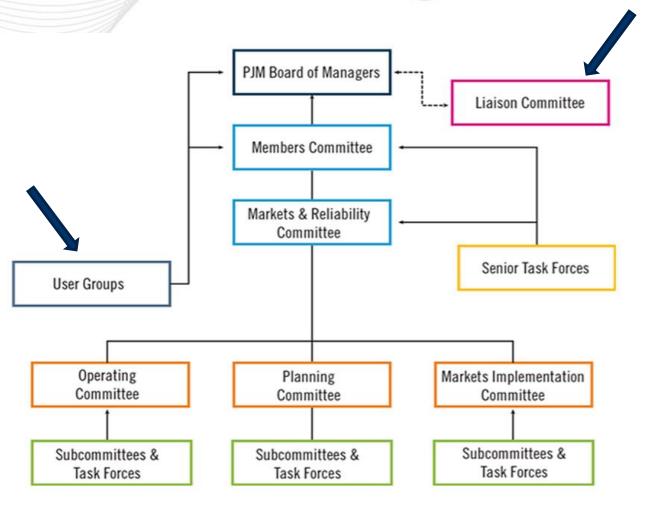
2010-Present: Implementing GAST reforms

- Investment in facilitation
- Stakeholder Process Forum continuous improvement

PJM's Stakeholder Process

Principles

- Consensus Building
- Mutual Gains Theory
- Structured Problem Solving
- Participatory development from the ground up





RTO Stakeholder Process Models

PJM Matrices:

Design Components	Priority	А	В	С
Flour	Medium	White	Whole Wheat	Gluten-Free
Sweetener	Medium	White Sugar	Brown Sugar	Honey
Shape	Low	Flat	Round	Bundt
Flavor	High	Vanilla	Chocolate	Strawberry
Moistener	Low-Medium	Oil	Butter	Sour Cream

Design Components	Priority	Recipe 1	Recipe 2	Recipe 3	
Flour Medium		White	Gluten-Free	Whole Wheat	
Sweetener	Medium	White Sugar	Honey	Brown Sugar	
Shape	Low	Flat	Round	Bundt	
Flavor	High	Vanilla	Strawberry	Chocolate	
Moistener Low-Medium		Butter	Sour Cream	Oil	

Others:

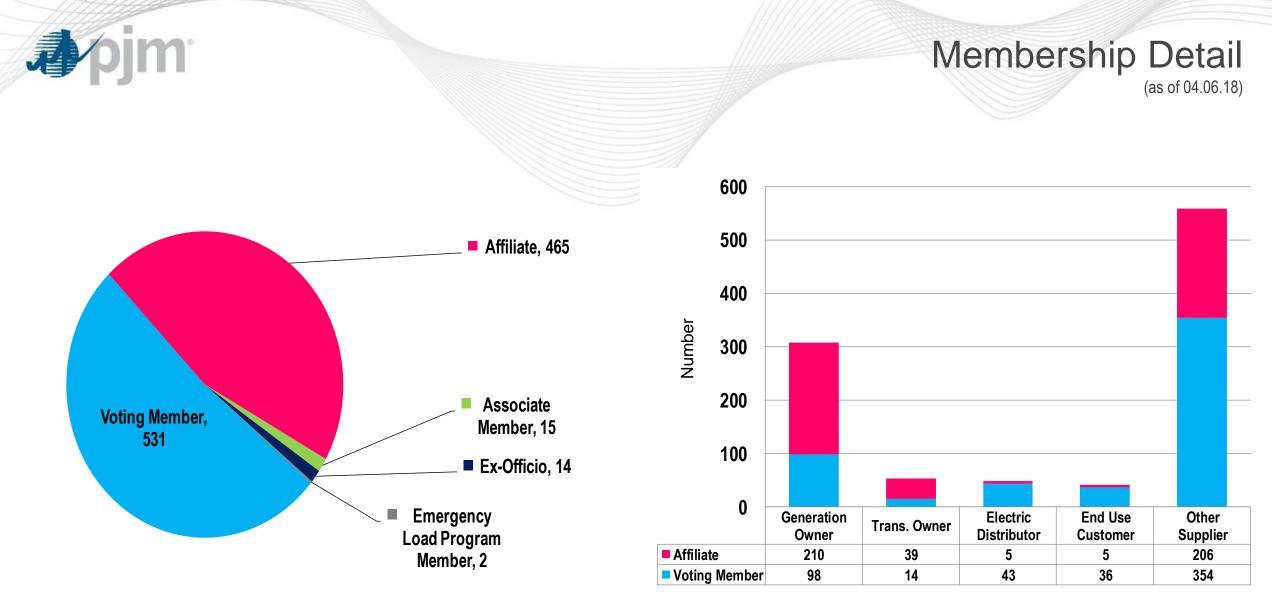
NOPR-Like Processes

- Identify an Issue
- Develop and Present Proposal
- Receive Comments
- Iterate
- File

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PJM Membership Growth





Total Members = 1027



Sector Weighted Vote Calculation Example

Sector	For	Against	Abstain	% in Favor (of those voting For or Against)
Electric Distributor Sector	8	2	4	0.800
End Use Customer Sector	15	0	1	1.000
Generation Owner Sector	10	10	5	0.500
Other Supplier Sector	3	7	15	0.300
Transmission Owner Sector	12	2	0	0.857
Sum				3.457
Threshold	.667 x 5 Sectors = 3.335			



- Minority Interests:
 - Main motion / alternative motion process
 - User Groups
- Independent Board of Managers
- Enhanced Liaison Committee for critical but contentious issues
- Stakeholder Process Forum



Appendix

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PJM & "Big 3" Governing Documents

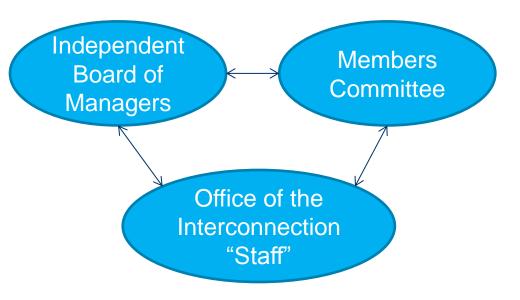
1. Operating Agreement (OA)

Agreement among Members which established PJM Interconnection , LLC

- Governance Board of Managers, Office of the Interconnection, Members Committee
- Energy Markets, RTEP, others
- 2. <u>Open Access Transmission Tariff (The</u> <u>Tariff)</u>
 - Rates & Terms of Service

3. <u>Reliability Assurance Agreement (RAA)</u>

• Must be a signatory to be an LSE

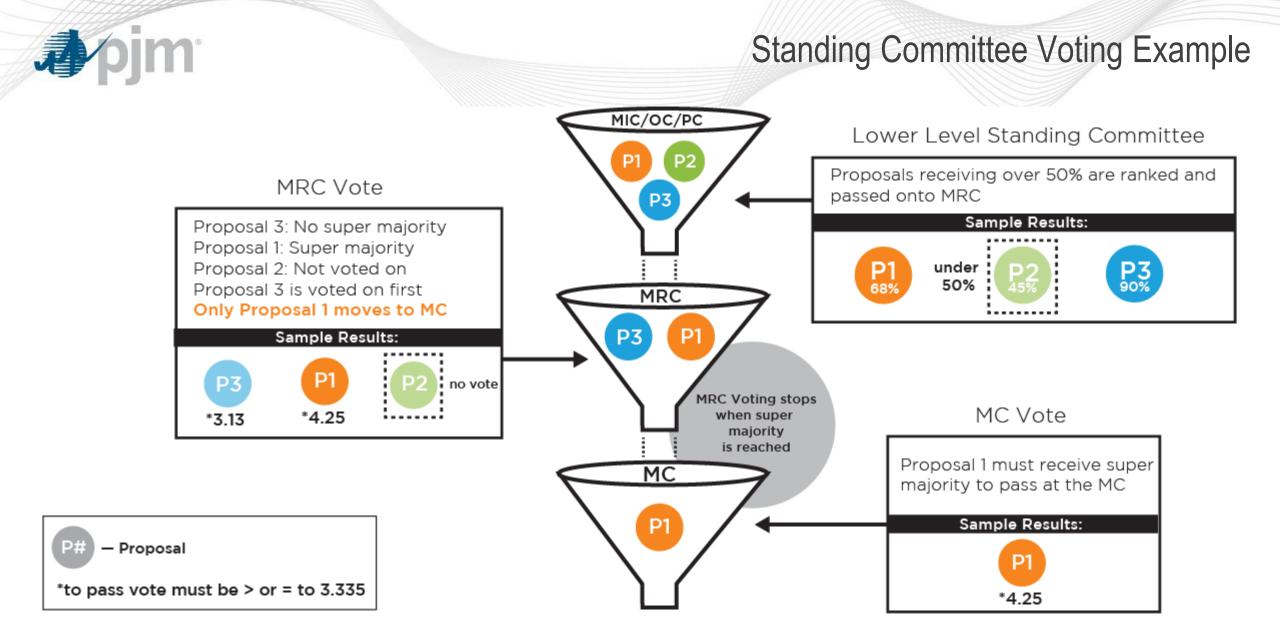




	Stakeholder Group	Who Can Vote*	Decision-making Methodology	Threshold for Endorsement (passing)	Sector Weighted Voting?	What moves up to Parent Committee?
Voting	Senior Standing Committee (MRC and MC only)	Voting Members in good standing Ex-Officio Voting Members	Vote on Main Motion first. If that does not pass, then vote as detailed in Motion Voting Order.	Exceed 2/3**	Yes	
	Senior Standing Committee (MRC and MC only)	Voting Members in good standing Ex-Officio Voting Members	Vote on Main Motion first. If that does not pass, then vote as detailed in Motion Voting Order.	Exceed 2/3**	Yes	First Motion voted on that receives MRC endorsements is forwarded to the MC as the Main Motion
	Senior Task Force	Voting Members and Affiliates	Strive for consensus. If no consensus, then vote on multiple options	Simple Majority	No	All proposals that receive a simple majority are forwarded on to the MRC with the proposal with the highest
	Lower Level Standing Committee (MIC/PC/OC)	Ex-Officio Voting Members				majority presented as the Main Motion. Other proposals that receive a simple majority are considered Alternative Motions ranked in the order of votes received
Non-Voting	Sub- Committee	N/4	Strive for consensus. (Tier 1). If no consensus, produce multiple proposals (Tier 2).	Tier 1: All members can live with proposal. Tier 2: At least 3 supporting Voting Members from 2 sectors.	No	If a consensus proposal cannot be forwarded on to Parent Committee, multiple proposals are narrowed down and proposals meeting thethreshold are forwarded to Parent Committee.
	Task Force(except SenioR Task Force)	N/A				

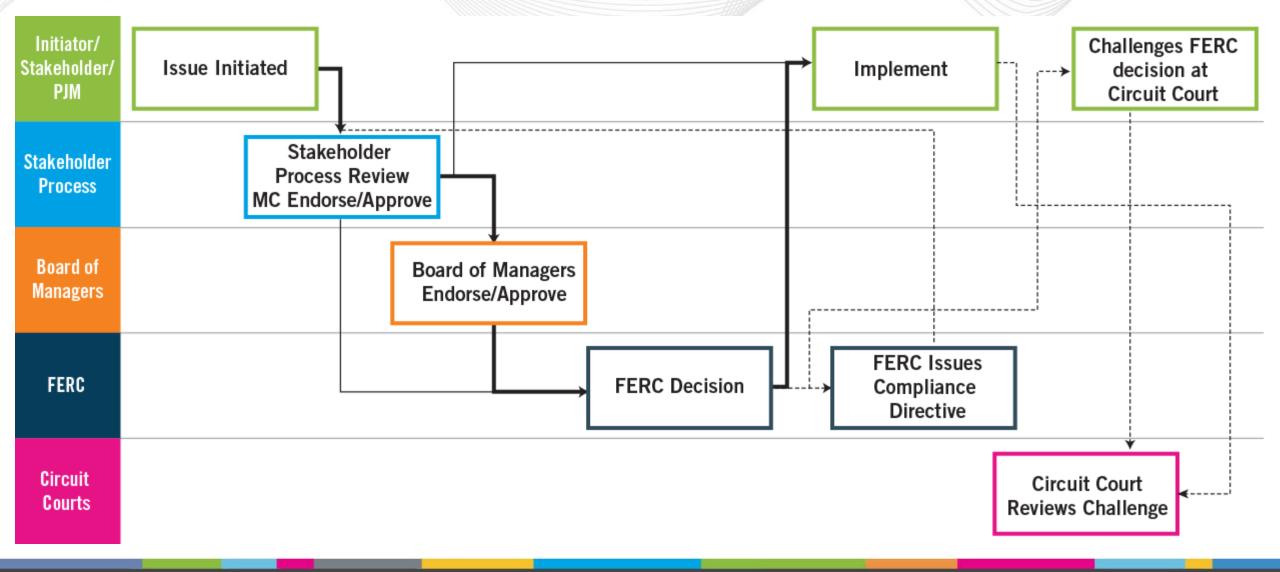
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** For a limited number of issues such as Charter approvals the threshold is 1/2. *Affiliates and emergency load program members may not vote at any level

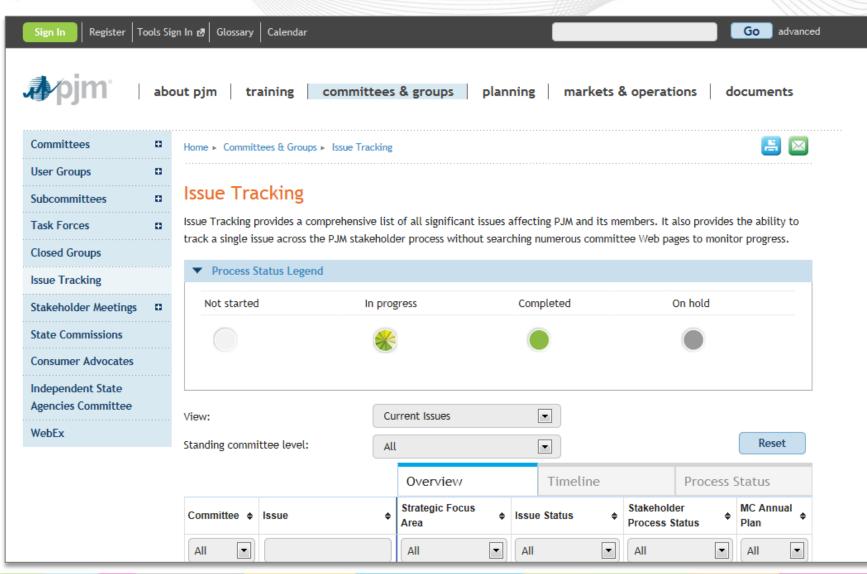




Governing Document Change Process



Issues Tracking



J pjm			Getting Inv	olved
Stakeholder Process Calendar	At a Glance.	Welcome! PJM has rewritten, redesigned and expanded the Learning Center to be more simple, clear and visual - making it your source dedicated to explaining the power industry and PJM's role.	Welcome to the new PJM Learning Center!	
New Member Quick Guide	The PJM Stakeholder Process		Stakeholder Meetings Stakeholder meetings provide Members with the opportunity for communication and interaction. The purpose of	RELATED INFORMATION Facilitator Feedback Form Roster Update Form Industry Groups Stakeholder Process Quick Guides & Templates
Stakeholde Process Forum	er Learnin Center	Stakeholder Meetings = Stakeholder Groups : Stakeholder Symposiums :	stakeholder meetings is to foster collaboration, not legislation. The two types of meetings are stakeholder groups and symposiums and forums. Stakeholder Groups • eData/eDataFeed Stakeholder Group • PJM Online Tools Refresh • General Session • Inter-Regional Planning Stakeholder Advisory Committee - MISO	Manual 34: PUM Stakeholder Process Committee Structure Diagram CONTACT INFORMATION (666) 400-8980 (610) 666-8980 Member Relations Live chart website Feedback Website Feedback