



**Item 6: Report on Annual Technical
Advisory Committee (TAC) and
Subcommittee Structural/
Procedural Review**

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2020 TAC Chair

Urgent Human Resources and Governance
Committee Meeting

ERCOT Public
October 12, 2020

Summary of TAC Review – Annual Process

- In an effort to improve TAC’s existing processes and organizational structure for the purpose of enhancing efficiency, effectiveness, and aligning its structure to meet goals and the ERCOT Board’s objectives, TAC annually reviews its existing structure and procedures.
- TAC leadership hosted a meeting on September 14, 2020 to initiate the annual review and solicit input from stakeholders on the following items:
 - Alignment of TAC Goals and Approved Revision Requests with ERCOT Strategic Plan Objectives
 - Subcommittee/Working Group/Task Force Assessment
 - 2021 Meeting Calendar
- The resulting recommendations were considered at the September 23, 2020 TAC meeting.

Alignment of TAC Goals with ERCOT Strategic Plan Objectives

Of the Revision Requests approved to date, they have the following alignment with ERCOT Strategic Plan Objectives:

- Optimize use of ERCOT, Inc.'s Resources – 15%
- Enhance Operating Capabilities – 23%
- Advance Competitive Solutions – 53%
- Improve Information Exchange – 9%

Additional 2020 TAC Endorsements/Approvals

- Endorsed Real-Time Co-optimization Task Force (RTCTF) Key Principles
- Endorsed Battery Energy Storage Task Force (BESTF) Key Topics and Concepts
- Endorsed Southern Cross Directive #7 Determination as to How to Manage Congestion Caused by DC Tie
- Approved revisions to the Major Transmission Elements (MTE) List
- Endorsed amendments to ERCOT Bylaws
- Approved changes to TAC Procedures
- Endorsed the ERCOT recommendation for the Corpus Christi North Shore Regional Planning Group (RPG) Project
- Annual Review of Other Binding Document List
- Annual TAC/TAC Subcommittee Procedural and Structural Review
- Endorsed changes to the ERCOT Methodologies for Determining Minimum Ancillary Service Requirements



Subcommittee/Working Group/Task Force Assessments

Subcommittees, Working Groups and Task Forces completed self-assessments to determine necessity and efficiency using the following criteria:

- Review of Scope – Is the Scope still valid and is the subcommittee/working group/task force still performing these functions; Does the scope need to be revised?
- Review Open Action Items list – Is the subcommittee/working group/task force discussing open issues, ongoing issues, etc.?
- How often does the subcommittee/working group/task force meet and how long are their meetings? Are meetings well attended?
- Does the subcommittee/working group/task force have a similar scope with another subcommittee/working group/task force – if so, can the groups be consolidated?
- If applicable, review subcommittee/working group/task force procedures. (voting, process, etc.)
- Is the subcommittee/working group/task force still necessary?

Conclusions

- The current structure of TAC and subcommittees was deemed necessary and effective.
- Subcommittee/Working Groups/Task Forces were encouraged to continue to review scopes, open action items.
- The Resource Definition Task Force (RTF) fulfilled their scope of work and was retired.
- The Real-Time Cooptimization Task force (RTCTF) and Battery Energy Storage Task Force (BESTF) are projected to be sunset in 2021.

APPENDIX



2020 TAC Goals

1. Align TAC and Subcommittee Goals with the ERCOT Board of Directors' strategic vision to work with ERCOT Staff to achieve the Board's vision for ERCOT.
2. Maintain rules that support ERCOT system reliability, promote market solutions, and are consistent with PURA, PUC, and NERC Reliability Standards.
3. Pursue clarifications to market rules and guides, which enhance the transparency of resource registration and requirements and clarify the entry process for new resources, with the explicit understanding that no changes will be made that affect the rights and obligations of resources currently participating in the wholesale and ancillary services markets.
4. Monitor resource adequacy and make improvements as necessary.
5. Collaborate with ERCOT Staff on current trends in fuel prices and installed resource costs through market changes.
6. Develop and implement needed market design corrections and improvements, which are cost effective.
7. Pursue the appropriate implementation of load participation.
8. Pursue the appropriate implementation of emerging technologies.
9. Implement Retail Market improvements and requirements.
10. Facilitate market improvements necessary to leverage the capabilities of Advanced Metering Systems (AMS) in the retail market and improve the integrity and availability of AMS data to Market Participants.
11. Improve settlement processes to facilitate changes in the ERCOT market design.
12. Collaborate with ERCOT Staff on the review of ancillary service needs and implement changes as necessary.
13. Maintain market rules that support open access to the ERCOT markets and transmission network.
14. Work with ERCOT Staff to develop Protocols and market improvements that support increased data transparency and data availability to the market.
15. Work with ERCOT Staff to ensure appropriate credit and collateral rules exist or are created to facilitate market changes.
16. Direct the work of the Real-Time Co-optimization Task Force (RTCTF) in their development and delivery of market rules for the implementation of Real-Time Co-Optimization.
17. Review the ERCOT market design and identify barriers to entry and integration. Direct the work of the Battery Energy Storage Task Force (BESTF) and other stakeholder bodies in their development and delivery of market rules for energy storage and distributed resources.



Alignment of TAC Goals and Revision Requests with ERCOT Strategic Plan Objectives

Request Type	Goal 1	Goal 2	Goal 3	Goal 4	Goal 5	Goal 6	Goal 7	Goal 8	Goal 9	Goal 10	Goal 11	Goal 12	Goal 13	Goal 14	Goal 15	Goal 16	Goal 17	Goal 18
NOGRR	4	6				5		3								1	1	3
NPRR	20	9	1	4	2	50	1	11			3	3	3	9	5	7	2	13
PGRR	1	6	1	1		5		1					1					1
RMGRR																		
SCR						4								2				
LPGRR						1			1									
VCMRR	1	1																1
RRGRR	2			1		4		2										2
SMOGRR						1												
OBDRR	2					3		1				1		1		1		1
Grand Total	30	22	2	6	2	73	1	19	1		3	4	4	12	5	9	3	21

- Optimize use of ERCOT, Inc.'s Resources
- Advance Competitive Solutions

- Enhance Operating Capabilities
- Improve Information Exchange



Approved Revision Requests Mapped to ERCOT Strategic Plan Objectives

Revision Requests approved to date and alignment with ERCOT Strategic Plan Objectives:

- Optimize use of ERCOT, Inc.'s Resources – 15%
- Enhance Operating Capabilities - 23%
- Advance Competitive Solutions – 53%
- Improve Information Exchange – 9%

Request Type	Strategic Pillar			
	Optimize use of ERCOT's resources	Enhance Operating Capabilities	Advance Competitive Solutions	Improve Information Exchange
NOGRR	3	4	3	0
NPRR	6	9	28	5
PGRR	0	3	2	0
RMGRR	0	0	0	0
SCR	0	0	3	1
LPGRR	0	0	1	0
VCMRR	1	1	1	0
COPMGRR	0	0	0	0
RRGRR	1	1	2	0
OBDRR	1	0	2	1
SMOGRR	0	0	0	0
Totals	12	18	42	7

