

2025 Current Fiscal Year Report: Technological Advisory Council

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1. Department or Agency

Federal Communications
Commission

2. Fiscal Year

2025

3. Committee or Subcommittee

Technological Advisory Council

3b. GSA Committee No.

5254

4. Is this New During Fiscal Year?

5. Current Charter

6. Expected Renewal Date

7. Expected Term Date

No 09/05/2023 09/05/2025

8a. Was Terminated During Fiscal Year?

8b. Specific Termination Authority

8c. Actual Term Date

No Agency decision

9. Agency Recommendation for Next Fiscal Year

10a. Legislation Req to Terminate?

10b. Legislation Pending?

Continue Not Applicable Not Applicable

11. Establishment Authority

Agency Authority

12. Specific Establishment Authority

13. Effective Date

14. Committee Type

14c. Presidential?

Agency decision 12/11/1998 Continuing No

15. Description of Committee

Scientific Technical Program
Advisory Board

16a. Total Number of Reports

No Reports for
this Fiscal Year

17a. Open

0

17b. Closed

0

17c. Partially Closed

0

Other Activities

0

17d. Total

0

Meetings and Dates

No Meetings

Current Next
FY FY

18a(1). Personnel Pmts to Non-Federal Members	\$0.00	\$0.00
18a(2). Personnel Pmts to Federal Members	\$0.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$0.00	\$0.00
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$0.00	\$0.00
18b(2). Travel and Per Diem to Federal Members	\$0.00	\$0.00
18b(3). Travel and Per Diem to Federal Staff	\$0.00	\$0.00
18b(4). Travel and Per Diem to Non-member Consultants	\$0.00	\$0.00
18c. Administrative Costs (FRNs, contractor support, In-person/hybrid/virtual meetings)	\$0.00	\$0.00
18d. Other (all other funds not captured by any other cost category)	\$0.00	\$0.00
18e. Total Costs	\$0.00	\$0.00
19. Federal Staff Support Years (FTE)	0.00	0.00

20a. How does the Committee accomplish its purpose?

The TAC will provide technical advice to the Federal Communications Commission and make recommendations on the issues and questions presented to it by the FCC. The TAC will also address questions that are referred to the Council by the FCC Chairman, or by the FCC Chief Technologist or Chief Engineer. The questions directed to TAC will relate to technological and technical issues in the field of communications.

TAC members will conduct the necessary research and, otherwise, gather the information necessary to carry out these activities.

20b. How does the Committee balance its membership?

Members have been selected to balance the expertise and viewpoints that are necessary to address effectively the new technology issues that will be directed to TAC. Members are recognized experts in their fields and, for private sector companies, individuals who hold technical executive positions such as Chief Technical Officer or Senior Technical Manager.

20c. How frequent and relevant are the Committee Meetings?

Three meetings were held during the fiscal year. During meetings, members should be prepared for vigorous debate with their peers on TAC as well as with FCC staff. The opportunity for this debate will help to clarify issues and improve the recommendations of TAC.

20d. Why can't the advice or information this committee provides be obtained elsewhere?

Rapid advances in technology have resulted in innovations in how telecommunications services are provided to, and are accessed by, users of these services. Many of these advances are increasing the rate of convergence among categories of services that have traditionally been viewed as distinct, such as next generation wireless technologies, artificial intelligence and machine learning techniques, and technologies that enable radio frequency spectrum sharing capabilities. Regulations must be examined in light of these technology advances, and the FCC must remain abreast of these new developments in

technology so that it can effectively fulfill its responsibilities under the Communications Act. The Commission must rely on outside expertise, such as in the forum provided by TAC, to stay abreast of these developments.

20e. Why is it necessary to close and/or partially closed committee meetings?

N/A

21. Remarks

The TAC met three times in FY2024. Several members were reappointed with no break in service.

Designated Federal Officer

Martin Ronald Doczkat Chief, Electromagnetic Compatibility Division, Office of Engineering and Technology, FCC

Committee Members	Start	End	Occupation	Member Designation
Ahmed, Shahid	02/26/2024	09/05/2025	Executive Vice President	Representative Member
Alderfer, Rob	02/26/2024	09/05/2025	Vice President, Technology Policy	Representative Member
Bayliss, Mark	10/25/2010	09/05/2025	President	Representative Member
Bethea-Murph, Donna	02/26/2024	09/05/2025	Senior VP of Global Regulatory Affairs	Representative Member
Brenner, Dean	01/19/2022	01/20/2025	Advisor	Representative Member
Cataletto, Michael	02/26/2024	09/05/2025	Chief Technology Officer	Representative Member
Chandra, Ranveer	01/19/2022	09/05/2025	General Manager for Networking Research	Representative Member
Claudy, Lynn	10/25/2010	09/05/2025	SVP	Representative Member
Clegg, Andrew	01/19/2022	09/05/2025	Chief Technical Officer	Representative Member
Cooper, Martin	01/27/2012	09/05/2025	Chairman	Representative Member
Cordeiro, Carlos	02/26/2024	09/05/2025	Intel Fellow and Wireless Chief Technology Officer for Client Computing	Representative Member

Daly, Brian	10/25/2010	09/05/2025	Assistant VP	Representative Member
Davenport, Bill	02/26/2024	09/05/2025	Senior Director of Technology and Spectrum Policy	Representative Member
Desai, Jay	02/26/2024	09/05/2025	Head of Central Technology Organization	Representative Member
Ditchfield, Skyler	02/26/2024	09/05/2025	CEO and Co-Founder	Representative Member
Drobot, Adam	03/22/2012	09/05/2025	Board Member	Representative Member
Gammel, Peter	01/19/2022	09/05/2025	CTO, Mobile & Wireless Infrastructure Unit	Representative Member
Ghosh, Monisha	01/19/2022	09/05/2025	Professor, Norte Dame Univ	Representative Member
Gillott, Iain	02/26/2024	09/05/2025	Senior Research and Technical Advisor	Representative Member
Gosain, Abhimanyu	01/19/2022	09/05/2025	Professor/Director	Representative Member
Green, Dick	10/25/2010	09/05/2025	Board Member	Representative Member
Guess, Lisa	04/01/2015	09/05/2025	SVP, Global Sales Engineering for Cradlepoint	Representative Member
Gupta, Sachin	02/26/2024	09/05/2025	Director of Business and Economic Development	Representative Member
Gurney, David	02/26/2024	09/05/2025	Distinguished Member of Technical Staff	Representative Member
Hatfield, Dale	10/25/2010	09/05/2025	Adjunct Professor	Representative Member
Jackson, Jason	02/26/2024	09/05/2025	Distinguished Engineer and Vice President	Representative Member
Kessler, Richard	02/26/2024	10/16/2024	Chief Technology Officer of Security and Advanced Technology	Representative Member
Kuoppamaki, Karri	06/09/2016	09/05/2025	SVP, Technology Development and Strategy	Representative Member
Lan, Tian	02/26/2024	09/05/2025	Professor of ECE, The George Washington University	Special Government Employee (SGE) Member
Lapin, Greg	10/25/2010	09/05/2025	Chair, ARRL RF Safety Committee	Representative Member
Laskowsky, Mike	02/26/2024	09/05/2025	Board Member, Rural Wireless Association	Representative Member

Livingood, Jason	05/18/2023	09/05/2025	VP of Technology Policy, Product & Standards	Representative Member
Mansergh, Daniel	01/19/2022	09/05/2025	North American Regulatory and Spectrum Lead	Representative Member
Markwalter, Brian	10/25/2010	09/05/2025	SVP, Research and Standards	Representative Member
Merrill, Lynn	01/04/2015	09/05/2025	President/CEO, Monte R Lee & Company	Representative Member
Mukhopadhyay, Amit	01/19/2022	03/31/2025	Senior Spectrum Standardization Officer	Representative Member
Mukhopadhyay, Amit	07/02/2025	09/05/2025	Distinguished Engineer, Network Planning	Representative Member
Nasielski, Jack	06/29/2011	09/05/2025	Senior Director	Representative Member
Neville, Bridget	02/26/2024	09/05/2025	Senior VP and GM of Signal Distribution Engineering	Representative Member
Nichols, Roger	01/19/2022	03/01/2025	6G Program Executive	Representative Member
Noland, Madeleine	05/17/2019	09/05/2025	President	Representative Member
O'Shea, Timothy	02/26/2024	09/05/2025	Chief Technology Officer and Co-Founder	Representative Member
Pankajakshan, Bejoy	02/15/2022	09/05/2025	Chief Technology and Strategy Officer	Representative Member
Peha, John	02/14/2022	09/05/2025	Professor, Carnegie Mellon University	Representative Member
Raghothaman, Balaji	05/22/2025	09/05/2025	Chief Technologist – 6G	Representative Member
Rainhart, Robert	02/26/2024	11/15/2024	President	Representative Member
Regan, Michael	02/26/2024	09/05/2025	Vice President of Business Performance of the QuEST Forum	Representative Member
Sawanobori, Tom	05/17/2019	09/05/2025	Sr. VP and CTO	Representative Member Special
Schulzrinne, Henning	01/19/2022	09/05/2025	Professor, Columbia University	Government Employee (SGE) Member
Sirbu, Marvin	10/25/2010	09/05/2025	Professor, Engineering and Public Policy, Carnegie Mellon Univ.	Special Government Employee (SGE) Member
Sung, LiChing	02/26/2024	09/05/2025	Telecommunications Specialist	Representative Member

Tehrani, Ardavan	02/26/2024	09/05/2025	Director of Engineering	Representative Member
Thakker, Rikin	01/19/2022	09/05/2025	Senior Vice President of Technology and Chief Technology Officer	Representative Member
Thompson, Michelle	01/19/2022	09/05/2025	CEO	Representative Member
Young, David	02/26/2024	09/05/2025	VP of Technology and Solutions	Representative Member

Number of Committee Members Listed: 55

Narrative Description

The Technological Advisory Committee provides important insights on technology matters before the Federal Communications Commission that bear on communications policy and regulation.

What are the most significant program outcomes associated with this committee?

Checked if Applies

Improvements to health or safety	<input type="checkbox"/>
Trust in government	<input type="checkbox"/>
Major policy changes	<input type="checkbox"/>
Advance in scientific research	<input checked="" type="checkbox"/>
Effective grant making	<input type="checkbox"/>
Improved service delivery	<input type="checkbox"/>
Increased customer satisfaction	<input type="checkbox"/>
Implementation of laws or regulatory requirements	<input checked="" type="checkbox"/>
Other	<input checked="" type="checkbox"/>

Outcome Comments

Heightened awareness at Federal Communications Commission of new and emerging technological trends that bear on critical communications regulatory and policy decisions. Identification of issues or regulatory rules that inhibit deployment of technology.

What are the cost savings associated with this committee?

Checked if Applies

None	<input type="checkbox"/>
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Unable to Determine	<input checked="" type="checkbox"/>
Under \$100,000	<input type="checkbox"/>
\$100,000 - \$500,000	<input type="checkbox"/>
\$500,001 - \$1,000,000	<input type="checkbox"/>
\$1,000,001 - \$5,000,000	<input type="checkbox"/>
\$5,000,001 - \$10,000,000	<input type="checkbox"/>
Over \$10,000,000	<input type="checkbox"/>
Cost Savings Other	<input type="checkbox"/>

Cost Savings Comments

NA

What is the approximate Number of recommendations produced by this committee for the life of the committee?

187

Number of Recommendations Comments

The Technological Advisory Committee provides value by briefing the Commission on relevant technical issues. These included detailed recommendations to facilitate the deployment of broadband technology, recommendations to deal with the transition of the Public Switched Telephone Network, and recommendations that would promote the continued evolution of wireless technologies. There were no new recommendations in FY2024. The Committee worked on new recommendations in FY2024 which will be finalized in FY2025.

What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?

13%

% of Recommendations Fully Implemented Comments

The nature of the recommendations are broad and many of them will necessarily encompass feedback from other agencies and the public. Many of them will also entail efforts that will be accomplished over a period of years. It is expected that in this long term process, the initial recommendations of the TAC members will likely be modified in part to meet existing circumstances.

What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?

27%

% of Recommendations Partially Implemented Comments

The number of partially implemented of TAC recommendations vary from year to year, but generally a higher percentage of recommendations will partially be acted upon than fully implemented.

Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?

Yes ☒ No ☐ Not Applicable ☐

Agency Feedback Comments

Feedback provided at meetings.

What other actions has the agency taken as a result of the committee's advice or recommendation?

Checked if Applies

Reorganized Priorities	<input checked="" type="checkbox"/>
Reallocated resources	<input checked="" type="checkbox"/>
Issued new regulation	<input type="checkbox"/>
Proposed legislation	<input type="checkbox"/>
Approved grants or other payments	<input type="checkbox"/>
Other	<input checked="" type="checkbox"/>

Action Comments

Agency considers Technological Advisory Committee input when deciding how to allocate engineering and technical resources.

Is the Committee engaged in the review of applications for grants?

No

Grant Review Comments

NA

How is access provided to the information for the Committee's documentation?

Checked if Applies

Contact DFO	<input checked="" type="checkbox"/>
Online Agency Web Site	<input checked="" type="checkbox"/>
Online Committee Web Site	<input checked="" type="checkbox"/>

Online GSA FACA Web Site



Publications



Other



Access Comments

A number of documents have been prepared by the TAC to explain their work. These are available at the TAC website: Current status and details can be found at <https://www.fcc.gov/general/technological-advisory-council>