

2025 Current Fiscal Year Report: National Petroleum Council

Report Run Date: 08/02/2025 08:20:17 AM

1. Department or Agency		2. Fiscal Year	
Department of Energy		2025	
3. Committee or Subcommittee		3b. GSA Committee No.	
National Petroleum Council		452	
4. Is this New During Fiscal Year?	5. Current Charter	6. Expected Renewal Date	7. Expected Term Date
No	01/05/2024	01/05/2026	
8a. Was Terminated During FiscalYear?	8b. Specific Termination Authority	8c. Actual Term Date	
No	AGEN		
9. Agency Recommendation for Next FiscalYear	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?
AGEN	05/03/1946	Continuing	No
15. Description of Committee National Policy Issue Advisory Board			
16a. Total Number of Reports	No Reports for this FiscalYear		
17a. Open	17b. Closed	17c. Partially Closed	Other Activities
0	0	0	0
17d. Total			
0			
Meetings and Dates			
No Meetings			
		Current FY	Next 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 National Petroleum Council (NPC) is chartered to provide the Secretary of Energy with advice and recommendations on matters requested by the Secretary, relating to oil and natural gas, and the oil and natural gas industries. This purpose is largely accomplished through the conduct of studies. Matters that the Secretary would like to have considered by the NPC are submitted in the form of a letter outlining the nature and scope of the study. The NPC reserves the right to decide whether it will consider any matter referred to it. In over 75 years, the NPC

has prepared more than 200 reports dealing with virtually every aspect of oil and gas supply and demand. These reports have not only served as valuable tools in the development of energy policy but also have enabled government and industry to anticipate and jointly seek solutions to current and future energy challenges. NPC reports are widely circulated and serve as references for energy analysts, industry and government decision makers, legislators, and academicians.

20b. How does the Committee balance its membership?

Members of the NPC are appointed by the Secretary of Energy and represent specific oil and gas industry sectors or related interests. These include balanced representation from among, but not limited to: integrated oil and natural gas companies; independent refiners; large and small independent oil and gas producers; midstream and retail oil and gas companies; construction, drilling, and oilfield services; financial and consultant services; electric companies and other large consumers; and non-industry or not-for-profit organizations such as academia, States, Native American Tribes, and professional societies.

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

The NPC meets in Washington, DC, once or twice a year and study groups meet as necessary. The time, place, and agenda of each Council and study group meeting are determined by its respective chair person, with the concurrence of the Department. The knowledge and experience that resides in the NPC provides a perspective on oil and natural gas issues and the oil and natural gas industries which is otherwise unavailable.

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

There are no other sources with the breadth, depth, and diversity of oil and gas technical and policy knowledge and expertise that the NPC provides. No other federal advisory committee currently performs, or is capable of performing, the functions of the NPC. It would not be possible for the Department to duplicate the knowledge and expertise embodied in the Council and its study committees in addressing important oil and gas issues, e.g., by using alternative methods such as public hearings, contractor work efforts, or in-house study efforts.

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

N/A

21. Remarks

Originally established by the Department of the Interior in 1946 at the request of President Harry S. Truman and subsequently transferred to the Department of Energy in 1977, the National Petroleum Council (NPC) provides advice and recommendations to the Secretary of Energy on matters related to oil and natural gas, and the oil and natural gas industries. In 2024, the NPC completed two reports on deploying hydrogen energy at scale and reducing greenhouse gas (GHG) emissions across the natural gas supply chain, both having important linkages to current Administration goals pertaining to the United States achieving net zero GHG emissions by 2050, and national economic and energy security. The final reports were presented on April 23rd, 2024, at the 134th Meeting of the NPC and were unanimously approved by the Council members. In July 2022, Secretary Granholm requested the

NPC undertake a separate condensed study on short-term actions and transition strategies in response to the changing global crude supply, continuing a tradition of NPC studies having the potential for broad public impact. The NPC held its 132nd Meeting on December 14th, 2022, wherein the short-term actions and transition strategies study leaders presented two final reports which the Council members unanimously approved. In 2019, the NPC completed three studies, requested by Secretary Rick Perry. The first provided recommendations on U.S. oil and natural gas transportation infrastructure, the second a roadmap to deploying carbon capture, use and storage technologies at scale, and the third provided a supplemental assessment to an earlier study on Arctic Potential. Prior studies also provided recommendations on matters of national importance, including strategic studies to inform government decision making on natural gas and oil infrastructure resilience (Emergency Preparedness for Natural Disasters), completed in December 2014, and Arctic Research, completed in March 2015, which were requested by Secretary Ernest Moniz. Energy challenges addressed in NPC study reports have included assessing the contribution that natural gas can make in a transition to a lower carbon energy mix, examining the prospects for integrating new fuels and vehicles into the marketplace while reducing GHG emissions in the U.S. transportation sector, ensuring prudent development of the Nation's abundant oil and gas resources, reducing the Nation's reliance on oil imports and oil use in the transportation sector. Technology innovation, the capabilities of industry, and other factors will continue to be critical to meeting the future energy needs of American consumers and protecting the environment.

Designated Federal Officer

Brad Crabtree Assistant Secretary for Fossil
Energy and Carbon Management

Committee Members	Start	End	Occupation	Member Designation
Akers, J. Kevin	02/21/2024	12/31/2025	Atmos Energy Corporation	Representative Member
Allison, M. Jay	02/21/2024	12/31/2025	Comstock Resources, Inc.	Representative Member
Alvarez, Orlando	02/21/2024	12/31/2025	bp America Inc.	Representative Member
Andress, Thurmon	02/21/2024	12/31/2025	Andress Oil & Gas Company LLC	Representative Member
Armstrong, Alan	02/21/2024	12/31/2025	The Williams Companies, Inc.	Representative Member
Armstrong, Gregory	02/21/2024	12/31/2025	Plains All American Pipeline, L.P.	Representative Member
Armstrong, Robert	02/21/2024	12/31/2025	Armstrong Energy Corporation	Representative Member
Armstrong, William	02/21/2024	12/31/2025	Armstrong Oil & Gas, Inc.	Representative Member
Arnold, Gregory	02/21/2024	12/31/2025	The Arnold Companies	Representative Member
Bailey, Vicky	02/21/2024	12/31/2025	Anderson Stratton Enterprises, LLC	Representative Member
Bamford, Holly	02/21/2024	12/31/2025	National Fish and Wildlife Foundation	Representative Member
Barbosa, Filipe	02/21/2024	12/31/2025	McKinsey & Company, Inc.	Representative Member
Bastian, Edward	02/21/2024	12/31/2025	Delta Air Lines, Inc.	Representative Member
Ben-Naceur, Kamel	02/21/2024	12/31/2025	Society of Petroleum Engineers	Representative Member
Book, Kevin	02/21/2024	12/31/2025	ClearView Energy Partners, LLC	Representative Member
Bordoff, Jason	02/21/2024	12/31/2025	Center on Global Energy Policy, Columbia University	Representative Member
Braziel, E. Russell	02/21/2024	12/31/2025	RBN Energy, LLC	Representative Member
Brelinsky, Mary Anne	02/21/2024	12/31/2025	Alpha Generation, LLC	Representative Member
Brown, Daniel	02/21/2024	12/31/2025	Chord Energy Corporation	Representative Member
Brown, Maryam	02/21/2024	12/31/2025	Southern California Gas Company	Representative Member
Brownstein, Mark	02/21/2024	12/31/2025	Environmental Defense Fund	Representative Member

Bruner, Jeffrey	02/21/2024	12/31/2025	Iroquois Pipeline Operating Company	Representative Member
Burman, Diane	02/21/2024	12/31/2025	New York State Public Service Commission	Representative Member
Butler, Jr., Calvin	02/21/2024	12/31/2025	Exelon Corporation	Representative Member
Caplan, Deborah	02/21/2024	12/31/2025	NextEra Energy, Inc.	Representative Member
Cardenas, Jr., Daniel	02/21/2024	12/31/2025	National Tribal Energy Association	Representative Member
Catell, Robert	02/21/2024	12/31/2025	Advanced Energy Research and Technology Center, Stony Brook University	Representative Member
Chiang, W. C. W.	02/21/2024	12/31/2025	Plains All American Pipeline, L.P.	Representative Member
Christmann IV, John	02/21/2024	12/31/2025	APA Corporation	Representative Member
Cleveland, Ralph	02/21/2024	12/31/2025	American Association of Blacks in Energy	Representative Member
Conner, Carlin	02/21/2024	12/31/2025	International-Matex Tank Terminals	Representative Member
Constable, David	02/21/2024	12/31/2025	Fluor Corporation	Representative Member
Craddick, Christi	02/21/2024	12/31/2025	Railroad Commission of Texas, State of Texas	Representative Member
Croft, Helima	02/21/2024	12/31/2025	RBC Capital Markets Corporation	Representative Member
Crooks, Edmund	02/21/2024	12/31/2025	Wood Mackenzie Inc.	Representative Member
Crow, Trammel	02/21/2024	12/31/2025	EarthX	Representative Member
Custard III, W. Allen	02/21/2024	12/31/2025	Pitts Oil Company, LLC	Representative Member
Custard, William	02/21/2024	12/31/2025	Custard / Pitts, Inc.	Representative Member
Davidson, Charles	02/21/2024	12/31/2025	Quantum Capital Group	Representative Member
De Hoyos, Roberto	02/21/2024	12/31/2025	Tenaris Global Services	Representative Member
Dealy, Richard	02/21/2024	12/31/2025	Pioneer Natural Resources Company	Representative Member

Delamar, Robert	02/21/2024	12/31/2025	Kanata Clean Power & Climate Technologies Corp.	Representative Member
Dell'Osso, Jr., Domenic	02/21/2024	12/31/2025	Expand Energy Corporation	Representative Member
Deming, Claiborne	02/21/2024	12/31/2025	Murphy USA, Inc.	Representative Member
Descalzi, Claudio	02/21/2024	12/31/2025	Eni S.p.A.	Representative Member
Duke, Leslie	02/21/2024	12/31/2025	Burns & McDonnell Engineering Company, Inc.	Representative Member
Duncan, Timothy	02/21/2024	12/31/2025	Talos Energy Inc.	Representative Member
Dunn, W. Byron	02/21/2024	12/31/2025	Tubular Synergy Group, LP	Representative Member
Ebel, Gregory	02/21/2024	12/31/2025	Enbridge, Inc.	Representative Member
England, John	02/21/2024	12/31/2025	Deloitte LLP	Representative Member
Espinoza, Neva	02/21/2024	12/31/2025	Electric Power Research Institute	Representative Member
Esslemont, Alexander	02/21/2024	12/31/2025	Parker Wellbore	Representative Member
Evanko, Jillian	02/21/2024	12/31/2025	Chart Industries, Inc.	Representative Member
Fedorchak, Julie	02/21/2024	12/31/2025	North Dakota Public Service Commission	Representative Member
Feige, Corri	02/21/2024	12/31/2025	Terra Piniun LLC	Representative Member
Fesharaki, Fereidun	02/21/2024	12/31/2025	FACTS Global Energy	Representative Member
Fisher, Bryan	02/21/2024	12/31/2025	Rocky Mountain Institute	Representative Member
Flores, James	02/21/2024	12/31/2025	Sable Minerals, Inc.	Representative Member
Foutch, Randy	02/21/2024	12/31/2025	Helmerich & Payne, Inc.	Representative Member
Fox, Ann	02/21/2024	12/31/2025	Nine Energy Service, Inc.	Representative Member
Fox, Mark	02/21/2024	12/31/2025	Mandan, Hidatsa, and Arikara Nation	Representative Member
Fusco, Jack	02/21/2024	12/31/2025	Cheniere Energy, Inc.	Representative Member
Gant, Paula	02/21/2024	12/31/2025	GTI Energy	Representative Member
Gee, Robert	02/21/2024	12/31/2025	Gee Strategies Group LLC	Representative Member
Gentle, Meg	02/21/2024	12/31/2025	HIF Global	Representative Member
Ghasemi, Seifi	02/21/2024	12/31/2025	Air Products and Chemicals, Inc.	Representative Member

Gibbs, James	02/21/2024	12/31/2025	Five States Energy Company, LLC	Representative Member
Gildea, Angela	02/21/2024	12/31/2025	KPMG LLP	Representative Member
Glendon, David	02/21/2024	12/31/2025	Sprague Resources LP	Representative Member
Glover, Paula	02/21/2024	12/31/2025	Alliance to Save Energy	Representative Member
Golden, Christopher	02/21/2024	12/31/2025	Equinor Exploration and Production International	Representative Member
Goldstein, Lawrence	02/21/2024	12/31/2025	Energy Policy Research Foundation, Inc.	Representative Member
Gorder, Joseph	02/21/2024	12/31/2025	Valero Energy Corporation	Representative Member
Gould, Andrew	02/21/2024	12/31/2025	Kayrros SAS	Representative Member
Graff, Michael	02/21/2024	12/31/2025	American Air Liquide Holdings, Inc.	Representative Member
Graham, Jay	02/21/2024	12/31/2025	Spur Energy Partners LLC	Representative Member
Gross, Samantha	02/21/2024	12/31/2025	The Brookings Institution	Representative Member
Grzebinski, David	02/21/2024	12/31/2025	Kirby Corporation	Representative Member
Hackett, James	02/21/2024	12/31/2025	Tessellation Services, LLC	Representative Member
Hadrick, Kourtney	02/21/2024	12/31/2025	Southern Ute Indian Tribe Growth Fund	Representative Member
Harju, John	02/21/2024	12/31/2025	Energy and Environmental Research Center, University of North Dakota	Representative Member
Hastings, Marilu	02/21/2024	12/31/2025	Cynthia and George Mitchell Foundation	Representative Member
Hess, Blainey Maguire	02/21/2024	12/31/2025	Maguire Oil Company	Representative Member
Hess, John	02/21/2024	12/31/2025	Hess Corporation	Representative Member
Hightower, Jack	02/21/2024	12/31/2025	HighPeak Energy	Representative Member
Hightower, Stephen	02/21/2024	12/31/2025	Hightowers Petroleum Co.	Representative Member
Hildebrand, Jeffery	02/21/2024	12/31/2025	Hilcorp Energy Company	Representative Member
Hinton, Torrence	02/21/2024	12/31/2025	FirstEnergy Corp.	Representative Member
Hoglund, Forrest	02/21/2024	12/31/2025	SeaOne Holdings, LLC	Representative Member

Hollub, Vicki	02/21/2024	12/31/2025	Occidental Petroleum Corporation	Representative Member
Houston, Martin	02/21/2024	12/31/2025	Tellurian Inc.	Representative Member
Hunt, Hunter	02/21/2024	12/31/2025	Hunt Energy, LLC	Representative Member
Hunt, Ray	02/21/2024	12/31/2025	Hunt Consolidated, Inc.	Representative Member
Hutson, Jr., Rusty	02/21/2024	12/31/2025	Diversified Energy Company PLC	Representative Member
Imaz, J. Jon	02/21/2024	12/31/2025	Repsol	Representative Member
Jenkins, Roger	02/21/2024	12/31/2025	Murphy Oil Corporation	Representative Member
John, Angela	02/21/2024	12/31/2025	Parkland Corporation	Representative Member
Jorden, Thomas	02/21/2024	12/31/2025	Coterra Energy Inc.	Representative Member
Keighley, J. Martin	02/21/2024	12/31/2025	CarbonFree	Representative Member
Keohane, Nathaniel	02/21/2024	12/31/2025	Center for Climate and Energy Solutions	Representative Member
Kerr II, James	02/21/2024	12/31/2025	Southern Company Gas	Representative Member
Keys, Ryan	02/21/2024	12/31/2025	Triple Crown Resources, LLC	Representative Member
Killinger, Elizabeth	02/21/2024	12/31/2025	NRG Energy, Inc.	Representative Member
Krenicki, Jr., John	02/21/2024	12/31/2025	Clayton, Dubilier, & Rice, LLC	Representative Member
Kuuskraa, Vello	02/21/2024	12/31/2025	Advanced Resources International, Inc.	Representative Member
Lance, Ryan	02/21/2024	12/31/2025	ConocoPhillips Company	Representative Member
Lane, Laura	02/21/2024	12/31/2025	United Parcel Service	Representative Member
Larson, Roderick	02/21/2024	12/31/2025	Oceaneering International, Inc.	Representative Member
Lashier, Mark	02/21/2024	12/31/2025	Phillips 66 Company	Representative Member
Layton, Stephen	02/21/2024	12/31/2025	E&B Natural Resources Management Corporation	Representative Member
Le Peuch, Olivier	02/21/2024	12/31/2025	SLB	Representative Member
Leon, Francisco	02/21/2024	12/31/2025	California Resources Corporation	Representative Member
Liebert, Rebecca	02/21/2024	12/31/2025	The Lubrizol Corporation	Representative Member

Lieuwen, Timothy	02/21/2024	12/31/2025	The Strategic Energy Institute, Georgia Institute of Technology	Representative Member
Linn, Michael	02/21/2024	12/31/2025	MCL Ventures LLC	Representative Member
Little, Melanie	02/21/2024	12/31/2025	Colonial Pipeline Company	Representative Member
Majumdar, Arunava	02/21/2024	12/31/2025	Stanford University	Representative Member
Marsden, Paul	02/21/2024	12/31/2025	Bechtel Corporation	Representative Member
Marsh, Andrew	02/21/2024	12/31/2025	Entergy Corporation	Representative Member
Matthews, Elizabeth	02/21/2024	12/31/2025	Bristow Group, Inc.	Representative Member
McAnnally, Robert	02/21/2024	12/31/2025	ONE Gas, Inc.	Representative Member
McClelland, Kelly	02/21/2024	12/31/2025	Offshore Inspection Group, Inc.	Representative Member
McFarland, Mark	02/21/2024	12/31/2025	Talen Energy Corporation	Representative Member
McQuade, Rae	02/21/2024	12/31/2025	North American Energy Standards Board	Representative Member
Medlock III, Kenneth	02/21/2024	12/31/2025	Rice University	Representative Member
Mehnert, Katie	02/21/2024	12/31/2025	ALLY Energy	Representative Member
Michael, Chad	02/21/2024	12/31/2025	Tudor, Pickering, Holt & Co., LLC	Representative Member
Miller, David	02/21/2024	12/31/2025	EnCap Investments L.P.	Representative Member
Miller, Jeffrey	02/21/2024	12/31/2025	Halliburton Company	Representative Member
Miller, Mark	02/21/2024	12/31/2025	Merlin Energy, Inc.	Representative Member
Mitchell, Valerie	02/21/2024	12/31/2025	Troy Energy	Representative Member
Muguiro, Jaime	02/21/2024	12/31/2025	CEMEX USA	Representative Member
Murfin, David	02/21/2024	12/31/2025	Murfin Drilling Co., Inc.	Representative Member
Murphy, Mark	02/21/2024	12/31/2025	Strata Production Company	Representative Member
Newell, Richard	02/21/2024	12/31/2025	C3.ai, Inc.	Representative Member
Nichols, J. Larry	02/21/2024	12/31/2025	Devon Energy Corporation	Representative Member
Norton II, Pierce	02/21/2024	12/31/2025	ONEOK, Inc.	Representative Member
O'Neill, Meg	02/21/2024	12/31/2025	Woodside Energy Group Ltd.	Representative Member

Paul, Donald	02/21/2024	12/31/2025	University of Southern California	Representative Member
Perciasepe, Robert	02/21/2024	12/31/2025	Center for Climate and Energy Solutions	Representative Member
Pferdehirt, Douglas	02/21/2024	12/31/2025	TechnipFMC plc	Representative Member
Poirier, François	02/21/2024	12/31/2025	TC Energy Corporation	Representative Member
Pouyanné, Patrick	02/21/2024	12/31/2025	TotalEnergies SE	Representative Member
Pridemore, Tricia	02/21/2024	12/31/2025	Georgia Public Service Commission	Representative Member
Pérez, José	02/21/2024	12/31/2025	Hispanics in Energy	Representative Member
Robertson, Corbin	02/21/2024	12/31/2025	Quintana Minerals Corporation	Representative Member
Rock, Rex	02/21/2024	12/31/2025	Arctic Slope Regional Corporation	Representative Member
Russo, Todd	02/21/2024	12/31/2025	Buckeye Partners, L.P.	Representative Member
Schatzman, Matthew	02/21/2024	12/31/2025	NextDecade Corporation	Representative Member
Schuller, Tisha	02/21/2024	12/31/2025	Adamantine Energy LLC	Representative Member
Schumacher, Amy	02/21/2024	12/31/2025	The Heritage Group	Representative Member
Shaughnessy, Anna	02/21/2024	12/31/2025	American Geosciences Institute	Representative Member
Sikhtian, Suhail	02/21/2024	12/31/2025	Goldman Sachs & Co. LLC	Representative Member
Simonelli, Lorenzo	02/21/2024	12/31/2025	Baker Hughes Company	Representative Member
Slifka, Eric	02/21/2024	12/31/2025	Global Partners LP	Representative Member
Somasundaram, Sivasankaran	02/21/2024	12/31/2025	ChampionX Corporation	Representative Member
Spath, Jeffrey	02/21/2024	12/31/2025	Harold T. Vance Department of Petroleum Engineering, Texas A&M University	Representative Member
Stedman, Bert	02/21/2024	12/31/2025	State of Alaska (The Energy Council)	Representative Member
Taylor, Cindy	02/21/2024	12/31/2025	Oil States International, Inc.	Representative Member
Teague, A. James	02/21/2024	12/31/2025	Enterprise Products Partners L.P.	Representative Member

Tew, Jr., Berry	02/21/2024	12/31/2025	Geological Survey of Alabama, State of Alabama	Representative Member
Tiller, Alex	02/21/2024	12/31/2025	Carbonvert	Representative Member
Tillman, Lee	02/21/2024	12/31/2025	Marathon Oil Corporation	Representative Member
Tinker, Scott	02/21/2024	12/31/2025	Jackson School of Geosciences, The University of Texas	Representative Member
Tosch, William	02/21/2024	12/31/2025	J. P. Morgan Securities LLC	Representative Member
True, H.A.	02/21/2024	12/31/2025	Bridger Pipeline, LLC	Representative Member
Tudor III, Robert	02/21/2024	12/31/2025	Artemis Energy Partners	Representative Member
Umpleby, D. James	02/21/2024	12/31/2025	Caterpillar Inc.	Representative Member
Upton, Jr., Gregory	02/21/2024	12/31/2025	Louisiana State University	Representative Member
Vennerberg, Vaughn	02/21/2024	12/31/2025	Ossian Oil and Gas Resources	Representative Member
Verrastro, Frank	02/21/2024	12/31/2025	Center for Strategic & International Studies	Representative Member
Vincent-Collawn, Patricia	02/21/2024	12/31/2025	PNM Resources	Representative Member
Vincent, Bruce	02/21/2024	12/31/2025	Vincent & Company	Representative Member
Voorberg, Richard	02/21/2024	12/31/2025	Siemens Energy, Inc.	Representative Member
Walker, John	02/21/2024	12/31/2025	EnerVest, Ltd.	Representative Member
Wallace, John	02/21/2024	12/31/2025	DeGolyer and MacNaughton	Representative Member
Waller, Everett	02/21/2024	12/31/2025	Osage Minerals Council	Representative Member
Warunek, Anastacia	02/21/2024	12/31/2025	Cenergy International Services, Inc.	Representative Member
Watkins, Gretchen	02/21/2024	12/31/2025	Shell USA, Inc.	Representative Member
Way, William	02/21/2024	12/31/2025	Southwestern Energy Company	Representative Member
West, J. Robinson	02/21/2024	12/31/2025	Center for Energy Impact, The Boston Consulting Group	Representative Member
Westhoven, Stephen	02/21/2024	12/31/2025	New Jersey Resources Corporation	Representative Member
White, William	02/21/2024	12/31/2025	White Interests	Representative Member

Williams, Clay	02/21/2024	12/31/2025	NOV, Inc.	Representative Member
Wilson, Mary Jane	02/21/2024	12/31/2025	WZI Inc.	Representative Member
Wirth, Michael	02/21/2024	12/31/2025	Chevron Corporation	Representative Member
Woods, Darren	02/21/2024	12/31/2025	Exxon Mobil Corporation	Representative Member
Wright, Alex	02/21/2024	12/31/2025	Ariel Corporation	Representative Member
Wrotenbery, Lori	02/21/2024	12/31/2025	Interstate Oil and Gas Compact Commission (IOGCC)	Representative Member
Yacob, Ezra	02/21/2024	12/31/2025	EOG Resources, Inc.	Representative Member
Yates, Danial	02/21/2024	12/31/2025	Groundwater Protection Council	Representative Member
Yates, George	02/21/2024	12/31/2025	HEYCO Energy Group, Inc.	Representative Member
Yates, Lloyd	02/21/2024	12/31/2025	NiSource, Inc.	Representative Member
Yergin, Daniel	02/21/2024	12/31/2025	S&P Global Corporation	Representative Member
Yu, Vern	02/21/2024	12/31/2025	AltaGas, Ltd.	Representative Member

Number of Committee Members Listed: 195

Narrative Description

The findings and recommendations of NPC studies support more informed energy-related public policy decisions and the achievement of Department of Energy and Administration goals related to energy, the environment, and the economy, including actions to support U.S. energy security, enable responsible development of domestic oil and natural gas resources, and strengthen the Nation's infrastructure.

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

Checked if
Applies

Improvements to health or safety

☐

Trust in government

☐

Major policy changes

☒

Advance in scientific research

☐

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 type="checkbox"/>
Other	<input checked="" type="checkbox"/>

Outcome Comments

Prior outcomes have included more informed decisions by state and federal government on policy, research, and regulatory initiatives with substantial public benefit.

What are the cost savings associated with this committee?

Checked if Applies

None	<input type="checkbox"/>
Unable to Determine	<input 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

The NPC's 2003 natural gas study showed that a balanced approach to future public policy decision making to increase energy efficiency, develop of new resources, and enable flexibility in fuel choice, could save U.S. consumers \$1 trillion in U.S. natural gas costs over the next 20 years. Other NPC studies have addressed topics of similar economic significance. For example, the NPC's 2019 Roadmap to At-Scale Deployment of Carbon Capture, Use, and Storage (CCUS) report concluded that investments in at-scale deployment of CCUS could generate \$20.8 billion in annual GDP. The NPC's 2015 Arctic Potential study identified actions that would benefit the people of the North and the U.S. as a whole, and position the U.S. to exercise global leadership. Oil and gas development represented one-third of the State of Alaska's economic activity and provided 90% of the State's general funds in 2014. Projected net revenues to the State from Arctic OCS development if pursued were estimated to be about \$6.6 billion over 50 years. The NPC's 2014 Emergency Preparedness study, and its 2016 Emergency Preparedness Implementation Addendum report, identified actions to continuously

improve and ensure a state of readiness to respond to oil and gas supply chain disruptions arising from natural disasters; such actions can mitigate impacts on consumers and regional economies. The NPC's 2012 Future Transportation Fuels study identified technologies that could increase vehicle fuel economy and reduce GHG emissions from American transportation. Recommendations in the NPC's 2011 report on Prudent Development of North America's abundant natural gas and oil resources were evaluated from the perspectives of economic prosperity, environmental sustainability, and energy security. And, the potential benefits in all three areas were substantial. The NPC's 2007 study on global oil and natural gas provided insights for shaping energy policy that strengthens global energy security, economic prosperity, and environmental stewardship. The NPC's 2004 study on U.S. petroleum refining and inventories highlighted government actions that could enable petroleum markets to operate more efficiently or avoid significant petroleum product supply disruptions.

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

2,891

Number of Recommendations Comments

Based on prior experience, many NPC studies result in approximately 20 major recommendations, and some yield considerably more. In over 75 years, the NPC has prepared more than 200 reports dealing with virtually every aspect of oil and gas supply and demand. These reports have not only served as valuable tools in the development of energy policy but also have enabled government and industry to anticipate and jointly seek solutions to current and future energy challenges. The NPC 2024 Hydrogen report contains 23 recommendations in the Executive Summary aiming to activate the clean hydrogen economy, whereas the NPC 2024 GHG Emissions report yielded approximately 32 Executive Summary recommendations to reduce methane and carbon emissions across the natural gas supply chain. The NPC 2019 CCUS report provided approximately 60 recommendations that would enable three phases of deployment for CCUS technologies – activation, expansion, and at-scale. Some NPC study reports have tiered recommendations, e.g., the NPC 2019 Arctic Supplemental Assessment to its 2015 Arctic Potential Report included 4 overarching recommendations and more than 30 detailed recommendations to support implementation. The NPC 2015 report included 32 recommendations in the Executive Summary, made up of 13 research, 3 regulatory, and 16 leadership/policy recommendations, as well as an additional 60 research recommendations in the report chapters.

What is the approximate Percentage of these recommendations that have been or

will be Fully implemented by the agency?

30%

% of Recommendations Fully Implemented Comments

Estimates of how many NPC recommendations have been implemented may be subjective as NPC recommendations range in scope, specificity, and timing. NPC recommendations often encompass broad public policy strategies for addressing the Nation's energy challenges. The implementation timespan for some recommendations such as those to enhance natural gas supply diversity or to sustain and enhance natural gas infrastructure, could span decades. Additionally, NPC recommendations may call for action by industry and/or government (including Congress, states, one or more federal agencies, or some combination).

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

45%

% of Recommendations Partially Implemented Comments

Prior assessments have shown that government has made substantial progress in implementing up to 75% of the recommendations in some NPC studies. However, as discussed above, estimates of how many NPC recommendations have been implemented may be subjective. For example, the NPC's 2003 natural gas study resulted in four overarching recommendations to: 1) improve demand flexibility and efficiency, 2) increase supply diversity, 3) sustain and enhance natural gas infrastructure, and 4) promote efficiency of natural gas markets, and over 60 supporting recommendations.

Recommendations from the NPC's 2004 study on U.S. petroleum refining and inventories were more granular and addressed topics such as new source review reform, national ambient air quality standards, ultra low sulfur diesel regulations, national energy legislation, sound science, cost-effectiveness and energy analysis, and permitting, and actions by government on these topics continue to evolve. Numerous recommendations in these 2003 and 2004 NPC studies were reflected in national energy plans and initiatives, as well as provisions of the Energy Policy Act of 2005. Many factors determine the pace and extent to which NPC report recommendations are implemented including perceptions pertaining to DOE's mission and the availability of funding or other capabilities. The NPC's 2007 study report on global oil and gas outlined five core strategies to enable industry and government to more adequately address evolving trends in U.S. and global energy supply and demand, and contained over 40 supporting recommendations, which broadly helped to shape public and private sector dialogue, policy and investment on a range of topics including energy efficiency, carbon management, fuel diversity, and the geopolitics of

energy for several years. Recommendations from the NPC's 2011 Prudent Development study report reflected five core strategies to support prudent natural gas and oil resources development and regulation; better reflect environmental impacts in markets and fuel technology choices; enhance the efficient use of energy; enhance the functioning of energy markets; and, support the development of a skilled workforce. Notably, this reported provided the foundation for a multiagency research collaboration initiative on unconventional oil and gas resources, as wells as the impetus for industry standards for prudent resource development and standards for contracting between natural gas suppliers and power sectors. Recommendations in the NPC's 2012 Future Transportation study report called on government to promote sustained funding and other resources, either separately or in combination with industry, on the pre-competitive aspects of 12 priority technologies, as well as in areas that could lead to disruptive innovations. The report informed public and private sector research program plans and analyses for many years. The NPC's 2015 Arctic Potential study report included 32 recommendations in the executive summary addressing research, regulatory improvements, and leadership/policy considerations that aligned well with the Administration's all-of-the-above energy strategy and early U.S. Arctic policy, and an additional 60 specific research recommendations. Some years hence DOE established an Arctic Energy Office. The 2019 NPC Dynamic Delivery study report made recommendations to increase the efficiency and effectiveness of permitting processes for oil and gas transportation infrastructure and regulatory reform efforts, while promoting more rapid development and implementation of technology to increase transportation safety and integrity. Many of these recommendations are relevant to policy, regulatory and research initiatives being pursued by industry and government, such as reauthorization of Title 41 of the Fixing America's Surface Transportation Act. The 2019 CCUS study report provided a roadmap for deploying CCUS technologies at scale within the U.S., based on technology, policy, and regulatory actions across three phases (activation, expansion, and at-scale) to achieve widespread CCUS deployment over the next 25 years. The report included specific recommendations on clarifications to requirements of Section 45Q tax credit, which informed the Internal Revenue Service's subsequent guidance on Section 45Q. It also helped to catalyze actions being pursued by states to further the deployment of CCUS, and called on Congress to appropriate expanded funding for DOE RD&D on new and emerging CCUS technologies (\$15 billion over ten years), as embodied in bipartisan infrastructure and jobs legislation in 2022 and 2023.

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 is provided to NPC members on the value of the committee's studies and recommendations through remarks made by the Secretary of Energy and Deputy Secretary of Energy at NPC meetings, by periodic reports on progress made to implement NPC recommendations, by DOE sharing information on the status of government actions related to NPC recommendations, and the frequent use of, or reference to, NPC studies by DOE and other government agencies. For example, in January 2008, the Secretary of Energy distributed copies of the Hard Truths report to all members of Congress and State governors. In May 2008, the Secretary sent a letter to the Council Chair that included a DOE review of actions taken by government consistent with recommendations contained in the NPC's 2007 Hard Truths report; and copies were subsequently provided to all NPC members. From 2011 through 2023, the work of the NPC had clear linkages to goals outlined in various government initiatives including the Blueprint for a Secure Energy Future, Quadrennial Energy Review, Quadrennial Energy Technology Review, National Strategy for the Arctic Region, and American Energy Independence. Insights from the NPC's 2024 Hydrogen and GHG Emissions reports will support Administration objectives for achieving net zero by 2050. The public can obtain this information on the committee's website.

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 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

Findings and recommendations from NPC studies serve as valuable input for government program and policy decision making. Technical data and insights on evolving oil and gas industry trends also inform energy forecasts prepared by the Energy Information Administration, an independent statistical agency of DOE.

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 type="checkbox"/> |
| Online Agency Web Site | <input checked="" type="checkbox"/> |
| Online Committee Web Site | <input checked="" type="checkbox"/> |
| Online GSA FACA Web Site | <input type="checkbox"/> |
| Publications | <input checked="" type="checkbox"/> |
| Other | <input type="checkbox"/> |

Access Comments

Additional information about this advisory committee, including an electronic repository of NPC study reports, is available at

<https://www.energy.gov/fecm/national-petroleum-council-npc>.