ENERGY: LOOK AHEAD

APPROPRIATIONS, RETIREMENTS, CONGRESSIONAL MATCHUPS, NUCLEAR ENERGY OVERVIEW

NOVEMBER 2019
ROADMAP

- Status of energy appropriations
- Congressional retirements
- Congressional matchups in ECA states and districts
  - House
  - Senate
- Presidential candidates’ positions on nuclear energy and Yucca Mountain nuclear waste repository
Energy and Water Development and Related Agencies Appropriations Act, 2020

**Sponsors**

- Sen. Lamar Alexander (R-TN)
- Rep. Marcy Kaptur (D-OH-9), sponsor of H.R. 2960

**Programs funded**

- US Department of Energy (DOE)
- US Army Corps of Engineers civil works projects
- Department of Interior’s Bureau of Reclamation
- Independent agencies including the Nuclear Regulatory Commission

*H.R.2960 is included in H.R. 2740 which combines the appropriation bills for Labor/HHS/Education, Defense, State-Foreign Operations, and Energy & Water*
# DEPARTMENT OF ENERGY

## Discretionary budget authority

**BILLIONS OF US DOLLARS**

<table>
<thead>
<tr>
<th></th>
<th>President’s Request</th>
<th>Enacted</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY2019</td>
<td>29.2</td>
<td>35.5</td>
</tr>
<tr>
<td>FY2020</td>
<td>31.7</td>
<td></td>
</tr>
</tbody>
</table>

## Key provisions

- **11% decrease from the 2019 estimated enacted level**
- Invests in nuclear warhead development, continues to support the Stockpile Stewardship Program, proposes rebuilding key nuclear weapons production facilities, supports enhanced capabilities to respond quickly to nuclear terrorism threats, continues efforts to prevent terrorists from acquiring nuclear materials, and provides $6.5 billion to clean 16 nuclear waste sites
- Aggressively supports the “Dilute and Dispose” approach to neutralizing the US’s surplus plutonium
- Supports the US Navy by funding the Naval Reactors program
- $5.5 billion for the Office of Science to focus on early-stage research on topics such as supercomputing, artificial intelligence, and machine learning
- $118 million to modernize aging critical infrastructure in the US’s 17 national laboratories
- $156 million for the recently established Office of Cybersecurity, Energy Security, and Emergency Response
- $158 million for the Advanced Energy Storage Initiative, an effort to increase energy storage research and development
- Proposes to divest federally owned and operated energy transmission assets, as the majority of the nation’s electricity needs are met through investor-owned utilities

---
ROADMAP

- Status of energy appropriations
- Congressional retirements
- Congressional matchups in ECA states and districts
  - House
  - Senate
- Presidential candidates’ positions on nuclear energy and Yucca Mountain nuclear waste repository
More Republicans than Democrats have announced their retirement before the 2020 election

*Data includes retirements; does not include members of Congress seeking a different office or members of Congress who resigned before the election*
Twenty House GOP members have announced they will not seek re-election in 2020

<table>
<thead>
<tr>
<th>NAME OF RETIRING INCUMBENT (&quot;PARTISAN VOTER INDEX&quot;), (PARTY-STATE-DISTRICT)</th>
<th>Solid Republican</th>
<th>Likely Republican</th>
<th>Lean Republican</th>
<th>Republican Toss Ups</th>
<th>Lean Democrat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Will Hurd (R+1) R-TX23</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rob Woodall (R+9) R-GA07</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Susan Brooks (R+9) R-IN05</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Greg Gianforte (R+11)† R-MT-AL</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rob Bishop (R+26) R-UT01</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bradley Byrne (R+15)† R-AL01</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mike Conaway (R+32) R-TX11</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paul Cook (R+9)† R-CA08</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bill Flores (R+12) R-TX17</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roger Marshall (R+24)† R-KS01</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paul Mitchell (R+13) R-MI10</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Martha Roby (R+16) R-AL02</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Peter King (R+3) R-NY02</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Francis Rooney (R+13) R-FL19</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jim Sensenbrenner (R+13) R-WI05</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>John Shimkus (R+21) R-IL15</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mac Thornberry (R+33) R-TX13</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Greg Walden (R+11) R-OR02</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

†Seeking another office
Eight Democratic House members have announced their retirements

NAME OF RETIRING INCUMBENT ("PARTISAN VOTER INDEX"), (PARTY-STATE-DISTRICT)

Democrat Toss-Ups

Dave Loebsack (D+1)
D-IA02

Ben Lujan (D+8)†
D-NM03

Susan Davis (D+14)
D-CA53

José Serrano (D+44)
D-NY15

Likely Democrat

Joe Kennedy (D+9)†
D-MA04

Tulsi Gabbard (D+19)†
D-HI02

Peter Visclosky (D+8)
D-IN01

Solid Democrat

Nita Lowey (D+7)
D-NY17

†Seeking another office
Retirements from the Senate generally result in contentious general elections

Lamar Alexander (R-TN)
- Alexander is the first senator to announce retirement in 2020, following his three-term tenure as senator and 8 years as governor of Tennessee
- Serves as Chair of the Senate Health, Education, Labor and Pensions Committee, where he worked on a bipartisan plan to improve the Affordable Care Act

Pat Roberts (R-KS)
- Roberts announced that he would retire in 2020 after serving in the Senate for four terms
- Serves as Chair of the Senate Agriculture Committee, where he helped shepherd the passage of the 2018 Farm Bill

Mike Enzi (R-WY)
- Enzi announced that he will not be seeking reelection in 2020, following four terms in the Senate and a two-term tenure as mayor of Gillette, Wyoming
- Serves as Chair of the Senate Budget Committee, where he says he wants to focus on budget reform without the distractions of a reelection campaign

Tom Udall (D-NM)
- Udall announced that he would retire in 2020 after serving in the Senate for two terms
- Serves as Ranking Member of the Senate Indian Affairs Committee
- Member of the Udall family, which had been active in politics in the American West
Four members of Congress have announced their resignations from the 116th Congress

**Sen. Johnny Isakson (R-GA), Likely GOP**
- Isakson announced that he will resign from the Senate at the end of 2019 due to health issues
- Gov. Brian Kemp (R-GA) will have the opportunity to appoint a senator to the seat, and a special election will be held in November 2020

**Former Rep. Sean Duffy (R-WI-7), Likely GOP**
- On August 26, Duffy announced that he would resign from Congress on September 23 as a result of his child’s heart complications
- Gov. Tony Evers (D-WI) must schedule a special election between 92-122 days after declaring the seat vacant

**Rep. Katie Hill (D-CA-25), Lean D**
- Hill announced her resignation after the House launched an ethics investigation into allegations related to Hill’s relationships with campaign and congressional staff
- It is not clear when she will leave office, and details about a special election remain unclear

**Former Rep. Chris Collins (R-NY-27), Solid GOP**
- Collins resigned from Congress on September 30 after pleading guilty to insider trading
- Governor Andrew Cuomo (D-NY) will have the ability to set a special election date, which could coincide with the April 28 Democratic presidential primary
ROADMAP

- Status of energy appropriations
- Congressional retirements
- Congressional matchups in ECA states and districts
  - House
  - Senate
- Presidential candidates' positions on nuclear energy and Yucca Mountain nuclear waste repository
## HOUSE CONGRESSIONAL MATCHUPS IN ECA STATE DISTRICTS

(D) = Democrat  (R) = Republican  (I) = Independent  (L) = Libertarian

<table>
<thead>
<tr>
<th>District</th>
<th>ECA location</th>
<th>Incumbent</th>
<th>Challengers</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID-02</td>
<td>Idaho National Laboratory</td>
<td>Michael Simpson (R)</td>
<td>—</td>
</tr>
</tbody>
</table>
| NY-01    | Brookhaven National Laboratory| Lee M. Zeldin (R)          | Perry Gershon (D)  
Nancy Goroff (D)  
David E. Gokhshtein (Independence Party)  
Luca Nascimbene (I)  |
| WA-04    | Hanford Site                  | Dan Newhouse (R)           | —                                                                          |
| CA-13    | Lawrence Livermore National Laboratory | Barbara Lee (D) | Konstantine Nikka-Sher Piterman (R)  
Valerie Plame (D)  
Teresa Leger (D)  
Marco Serna (D)  
John Blair (D)  
Rob Apodaca (D)  
Joseph Louis Sanchez (D)  
Kyle J. Tisdal (D)  
Laura Montoya (D)  
Audra Lee Brown (R)  
Alexis M. Johnson (R)  
Karen E. Bedonie (R)  
Gavin Kaiser (D)  
Ben Bateman (R)  
Mark McDonald (D)  
Anastacia Golden Morpor (R)  
Jaymeson Pegue (D)  
Cameron Alton Chick (R)  
Harry B. Montoya (R)  |
## HOUSE CONGRESSIONAL MATCHUPS IN ECA STATE DISTRICTS

(D) = Democrat  (R) = Republican  (I) = Independent  (L) = Libertarian

<table>
<thead>
<tr>
<th>District</th>
<th>ECA location</th>
<th>Incumbent</th>
<th>Challengers</th>
</tr>
</thead>
</table>
| NV-04    | Nevada National Security Site         | Steven Alexzander Horsford (D)| Jim Marchant (R)  
Ryan Peters (R)  
Lisa Song Sutton (R)  
Charles Navarro (R)  
Randi Reed (R)  
Leo Blundo (R)  
Prato Catherine (R)  
Jonathan Royce Esteban (L) |
| TN-03    | Oak Ridge Reservation                 | Charles J. Fleischmann (R)   | —                                                                         |
| KY-01    | Paducah                               | James Comer (R)               | —                                                                         |
| OH-02    | Portsmouth                            | Brad Wenstrup (R)             | —                                                                         |
| NM-01    | Sandia National Laboratories          | Debra Haaland (D)             | Brett Kokinadis (R)  
Cameron Alton Chick Sr. (D)  
Michelle Garcia Holmes (R) |
| SC-02    | Savannah River Site                   | Joe Wilson (R)                | Adair Ford Boroughs (D)  
Lawrence D. Nathaniel (D)  
Viresh M. Sinha (D) |
| NM-02    | Waste Isolation Pilot Plant           | Xochitl Torres Small (D)      | Claire Chase (R)  
Stella Yvette Herrell (R)  
Chris Mathys (R) |
| NY-23    | West Valley Demonstration Plant       | Thomas W. Reed (R)            | Tracy Mitrano (D)  
Scott A. Noren (D) |
## Senate Congregessional Matchups in ECA States

(D) = Democrat  (R) = Republican  (I) = Independent  (L) = Libertarian

<table>
<thead>
<tr>
<th>State</th>
<th>ECA location(s)</th>
<th>Incumbent</th>
<th>Challengers</th>
</tr>
</thead>
</table>
| Kentucky       | Paducah         | Mitch McConnell (R)| Amy McGrath (D)  
Michael George Broihier (D)  
Clinton Wesley Morgan (R)  
Steven Jewell Ison Cox (D)  
Matt Jones (D)  
Eric Rothmuller (D)  
Jimmy Ausbrooks (D)  
Andrew J. Maynard (D)  
Kari Das (R)  
Loretta Babalmoradi Noble (D)  
Stephen Bradley Barron (L)  
Paul Frangedakis (R)  
Kevin Elliott (D)  
Bennie J. Smith (D) |
| New Mexico     | Los Alamos National Laboratory  
Sandia National Laboratories  
Waste Isolation Pilot Plant | Tom Udall (D) | Ben Ray Lujan (D)  
Maggie Toulouse Oliver (D)  
Gavin Clarkson (R)  
Mick Rich (R)  
Giovanni Alexander Haqani (D) |
| Texas          | —               | John Cornyn (R)    | Mary Jennings Hegar (D)  
Amanda Edwards (D)  
Royce West (D)  
Cristina Tzintzun Ramirez (D)  
Robert Christopher Bell (D)  
Dwayne Stovall (R)  
Mark Spencer Yancey (R)  
Sema Hernandez (D)  
Jack Daniel Foster (D)  
Michael E. Cooper (D)  
Adrian Ocegueda (D)  
Rhett Rosenquest Smith (L)  
Irasema Ramirez Hernandez (D)  
Victor Hugo Harris (D)  
John Benard Love (D)  
Kerry Douglas McKennon (L) |


## SENATE CONGRESSIONAL MATCHUPS IN ECA STATES

(D) = Democrat  (R) = Republican  (I) = Independent  (L) = Libertarian

<table>
<thead>
<tr>
<th>State</th>
<th>ECA location(s)</th>
<th>Incumbent</th>
<th>Challengers</th>
</tr>
</thead>
</table>
| Idaho        | Idaho National Laboratory | James E. Risch (R) | Nancy Lynn Harris (D)  
Ray Wirtz (Constitution Party)  
Jim Vandermaas (D)  
Travis Oler (D)  
Natalie M. Fleming (Unaffiliated) |
| South Carolina | Savannah River Site         | Lindsey O. Graham (R) | Jaime Harrison (D)  
Joseph Reynolds (R)  
Gloria Bromell Tinubu (D)  
Michael James Lapierre (R)  
Mark Stephen Sloan (R)  
Peggy Kandies (R)  
Matthew Baldwin Knights (D)  
William Stone (D)  
Dwayne Duke Buckner (R)  
Carey L. Wilson (R) |
| Tennessee    | Oak Ridge Reservation    | Lamar Alexander (R) | Manny Sethi (R)  
Bill Hagerty (R)  
James Mackler (D)  
Joshua Dominique Gregory Gapp (R)  
Aaron Leo Pettigrew (R)  
Geoffrey Stokes Nielson (R)  
Glen Leon Neal (R)  
Diana Chioma Onyejiaka (D)  
George S. Flinn (R)  
Byron Bush (R)  
Larry R. Crim (R)  
Garrett Lance Nichols (R) |
ROADMAP

- Status of energy appropriations
- Congressional retirements
- Congressional matchups in ECA states and districts
  - House
  - Senate
- Presidential candidates' positions on nuclear energy and Yucca Mountain nuclear waste repository
# CANDIDATES’ VIEWS ON EXPANDING NUCLEAR ENERGY AND THE YUCCA MOUNTAIN NUCLEAR WASTE REPOSITORY

<table>
<thead>
<tr>
<th>Candidate</th>
<th>Nuclear energy expansion</th>
<th>Yucca Mountain nuclear waste repository construction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trump</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Biden</td>
<td>N/A</td>
<td>X</td>
</tr>
<tr>
<td>Warren</td>
<td>N/A</td>
<td>X</td>
</tr>
<tr>
<td>Sanders</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Buttigieg</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Harris</td>
<td>N/A</td>
<td>X</td>
</tr>
<tr>
<td>Klobuchar</td>
<td>N/A</td>
<td>X</td>
</tr>
<tr>
<td>Booker</td>
<td>✓</td>
<td>X</td>
</tr>
<tr>
<td>Yang</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Steyer</td>
<td>X</td>
<td>N/A</td>
</tr>
<tr>
<td>Gabbard</td>
<td>X</td>
<td>N/A</td>
</tr>
<tr>
<td>Castro</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Williamson</td>
<td>X</td>
<td>N/A</td>
</tr>
<tr>
<td>Bennet</td>
<td>✓</td>
<td>N/A</td>
</tr>
<tr>
<td>Bullock</td>
<td>X</td>
<td>N/A</td>
</tr>
<tr>
<td>Delaney</td>
<td>✓</td>
<td>N/A</td>
</tr>
<tr>
<td>Sestak</td>
<td>X</td>
<td>N/A</td>
</tr>
</tbody>
</table>