

CLEAN JOBS AMERICA 2021¹

CLEAN ENERGY JOBS BY U.S. CONGRESSIONAL DISTRICTS

TABLE 1 // U.S. CLEAN ENERGY EMPLOYMENT BY CONGRESSIONAL DISTRICT Q4 2020

Data shows that distribution of clean energy jobs in America crosses all political boundaries, with clean energy jobs in all 436 congressional districts (includes District of Columbia).

State	District	Renewable Generation Jobs	Energy Efficiency Jobs	Total Clean Energy Jobs ²	Clean Energy Employment per 1,000 Jobs ³	Current Representative	Party Affiliation	2020 Presidential Election Result	Residential Cluster ⁴
Alaska	AK At-Large (AL)	327	3,974	4,848	16.69	Don Young	Republican	Trump	Rural/ mostly rural
Alabama	AL-01	586	4,844	6,858	24.21	Jerry Carl	Republican	Trump	Rural/ mostly rural
Alabama	AL-02	523	4,210	5,975	23.65	Barry Moore	Republican	Trump	Rural/ mostly rural
Alabama	AL-03	392	3,169	4,495	20.60	Mike Rogers	Republican	Trump	Rural/ mostly rural
Alabama	AL-04	414	3,225	4,590	20.19	Robert Aderholt	Republican	Trump	Rural/ mostly rural
Alabama	AL-05	658	4,081	5,943	18.65	Mo Brooks	Republican	Trump	Rural/ mostly rural
Alabama	AL-06	714	5,815	8,334	27.43	Gary Palmer	Republican	Trump	Rural/ mostly rural
Alabama	AL-07	280	2,324	3,290	9.59	Terri Sewell	Democratic	Biden	Rural/ mostly rural
Arkansas	AR-01	402	3,470	4,668	20.53	Rick Crawford	Republican	Trump	Rural/ mostly rural
Arkansas	AR-02	528	4,071	5,533	15.37	French Hill	Republican	Trump	Rural/ mostly rural
Arkansas	AR-03	477	4,083	5,495	14.05	Steve Womack	Republican	Trump	Rural/ mostly rural
Arkansas	AR-04	273	2,309	3,111	14.34	Bruce Westerman	Republican	Trump	Rural/ mostly rural
Arizona	AZ-01	637	4,008	5,215	25.49	Tom O'Halleran	Democratic	Biden	Rural/ mostly rural
Arizona	AZ-02	1,243	4,609	6,507	24.80	Ann Kirkpatrick	Democratic	Biden	Suburban
Arizona	AZ-03	837	3,129	4,411	20.68	Raúl Grijalva	Democratic	Biden	Suburban
Arizona	AZ-04	429	3,448	4,367	24.50	Paul Gosar	Republican	Trump	Rural/ mostly rural
Arizona	AZ-05	928	4,226	5,756	22.11	Andy Biggs	Republican	Trump	Suburban
Arizona	AZ-06	4,476	11,831	17,989	36.15	David Schweikert	Republican	Trump	Suburban
Arizona	AZ-07	2,095	7,086	10,203	21.20	Ruben Gallego	Democratic	Biden	Urban/ mostly urban
Arizona	AZ-08	189	1,023	1,357	6.89	Debbie Lesko	Republican	Trump	Suburban

NOTE ON GEOGRAPHIC DISTRIBUTION OF EMPLOYMENT NUMBERS:

District level jobs figures use zip codes to assign jobs to a primary geography. Because zip codes and state district boundaries do not correspond exactly, many zip codes span multiple districts while the jobs linked to them can only be assigned to one. E2's research relied on multiple public datasets to assign jobs for consistent accuracy, but these numbers inherently have a larger margin of error. For any confusion, please refer to the interactive county map for additional context.



State	District	Renewable Generation Jobs	Energy Efficiency Jobs	Total Clean Energy Jobs ²	Clean Energy Employment per 1,000 Jobs ³	Current Representative	Party Affiliation	2020 Presidential Election Result	Residential Cluster ⁴
Arizona	AZ-09	101	522	698	1.14	Greg Stanton	Democratic	Biden	Urban/ mostly urban
California	CA-01	2,964	7,238	11,603	57.54	Doug LaMalfa	Republican	Trump	Rural/ mostly rural
California	CA-02	5,198	10,675	17,900	67.84	Jared Huffman	Democratic	Biden	Rural/ mostly rural
California	CA-03	2,655	5,799	9,544	47.40	John Garamendi	Democratic	Biden	Rural/ mostly rural
California	CA-04	3,214	6,775	11,263	41.19	Tom McClintock	Republican	Trump	Rural/ mostly rural
California	CA-05	1,776	3,934	6,449	23.34	Mike Thompson	Democratic	Biden	Suburban
California	CA-06	2,354	5,535	8,929	27.85	Doris Matsui	Democratic	Biden	Urban/ mostly urban
California	CA-07	1,344	3,087	5,011	19.59	Ami Bera	Democratic	Biden	Suburban
California	CA-08	1,526	3,866	6,119	45.22	Jay Obernolte	Republican	Trump	Rural/ mostly rural
California	CA-09	1,818	4,111	6,701	34.61	Jerry McNerney	Democratic	Biden	Suburban
California	CA-10	1,453	3,319	5,397	23.47	Josh Harder	Democratic	Biden	Suburban
California	CA-11	5,619	9,811	17,275	63.87	Mark DeSaulnier	Democratic	Biden	Urban/ mostly urban
California	CA-12	11,920	17,245	32,414	41.74	Nancy Pelosi	Democratic	Biden	Urban/ mostly urban
California	CA-13	4,527	7,700	13,686	38.59	Barbara Lee	Democratic	Biden	Urban/ mostly urban
California	CA-14	2,283	5,897	9,358	21.17	Jackie Speier	Democratic	Biden	Urban/ mostly urban
California	CA-15	3,194	5,395	9,603	27.49	Eric Swalwell	Democratic	Biden	Urban/ mostly urban
California	CA-16	1,941	4,400	7,168	39.97	Jim Costa	Democratic	Biden	Suburban
California	CA-17	4,678	9,362	33,109	48.34	Ro Khanna	Democratic	Biden	Urban/ mostly urban
California	CA-18	2,336	5,982	9,369	19.89	Anna Eshoo	Democratic	Biden	Urban/ mostly urban
California	CA-19	981	2,626	4,101	15.77	Zoe Lofgren	Democratic	Biden	Urban/ mostly urban
California	CA-20	1,110	3,104	4,797	19.73	Jimmy Panetta	Democratic	Biden	Urban/ mostly urban
California	CA-21	1,338	3,449	5,435	42.07	David Valadao	Republican	Trump	Rural/ mostly rural
California	CA-22	933	2,360	3,737	14.68	Devin Nunes	Republican	Trump	Suburban
California	CA-23	2,030	3,273	5,917	28.90	Kevin McCarthy	Republican	Trump	Suburban
California	CA-24	4,947	9,957	16,777	57.91	Salud Carbajal	Democratic	Biden	Suburban
California	CA-25	1,216	4,059	6,037	31.60	Mike Garcia	Republican	Biden	Suburban
California	CA-26	1,048	3,039	4,651	16.55	Julia Brownley	Democratic	Biden	Suburban
California	CA-27	1,747	6,526	9,500	32.49	Judy Chu	Democratic	Biden	Urban/ mostly urban
California	CA-28	2,664	7,090	11,088	29.52	Adam Schiff	Democratic	Biden	Urban/ mostly urban
California	CA-29	872	2,172	3,453	17.73	Tony Cárdenas	Democratic	Biden	Urban/ mostly urban
California	CA-30	1,604	4,990	7,532	18.88	Brad Sherman	Democratic	Biden	Urban/ mostly urban
California	CA-31	928	2,163	3,498	11.98	Pete Aguilar	Democratic	Biden	Suburban

State	District	Renewable Generation Jobs	Energy Efficiency Jobs	Total Clean Energy Jobs ²	Clean Energy Employment per 1,000 Jobs ³	Current Representative	Party Affiliation	2020 Presidential Election Result	Residential Cluster ⁴
California	CA-32	1,528	3,377	5,540	19.55	Grace Napolitano	Democratic	Biden	Urban/ mostly urban
California	CA-33	3,672	9,866	15,393	26.37	Ted Lieu	Democratic	Biden	Urban/ mostly urban
California	CA-34	1,547	4,573	6,980	17.66	Jimmy Gomez	Democratic	Biden	Urban/ mostly urban
California	CA-35	1,411	4,449	6,684	21.18	Norma Torres	Democratic	Biden	Urban/ mostly urban
California	CA-36	3,109	4,853	8,879	43.92	Raul Ruiz	Democratic	Biden	Suburban
California	CA-37	1,225	3,376	5,235	16.75	Karen Bass	Democratic	Biden	Urban/ mostly urban
California	CA-38	1,759	3,707	6,164	21.85	Linda Sánchez	Democratic	Biden	Urban/ mostly urban
California	CA-39	2,227	6,245	9,645	31.52	Young Kim	Republican	Biden	Suburban
California	CA-40	1,442	2,431	4,330	17.81	Lucille Roybal-Allard	Democratic	Biden	Urban/ mostly urban
California	CA-41	2,910	5,096	8,964	38.44	Mark Takano	Democratic	Biden	Suburban
California	CA-42	1,735	3,136	5,461	28.00	Ken Calvert	Republican	Trump	Suburban
California	CA-43	1,563	3,028	5,160	14.77	Maxine Waters	Democratic	Biden	Urban/ mostly urban
California	CA-44	582	1,555	2,429	13.07	Nanette Barragán	Democratic	Biden	Urban/ mostly urban
California	CA-45	5,568	11,993	19,813	40.82	Katie Porter	Democratic	Biden	Urban/ mostly urban
California	CA-46	1,114	2,507	4,092	9.14	Luis Correa	Democratic	Biden	Urban/ mostly urban
California	CA-47	1,368	4,242	6,407	22.27	Alan Lowenthal	Democratic	Biden	Urban/ mostly urban
California	CA-48	2,144	4,779	7,821	20.64	Michelle Steel	Republican	Biden	Urban/ mostly urban
California	CA-49	4,519	10,264	16,713	50.73	Mike Levin	Democratic	Biden	Suburban
California	CA-50	1,479	4,130	6,385	27.04	Darrell Issa	Republican	Trump	Suburban
California	CA-51	1,472	4,875	7,263	44.24	Juan Vargas	Democratic	Biden	Urban/ mostly urban
California	CA-52	5,239	8,979	15,906	25.78	Scott Peters	Democratic	Biden	Urban/ mostly urban
California	CA-53	578	1,442	2,293	8.21	Sara Jacobs	Democratic	Biden	Urban/ mostly urban
Colorado	CO-01	5,896	10,218	18,637	31.62	Diana DeGette	Democratic	Biden	Urban/ mostly urban
Colorado	CO-02	5,699	8,731	16,804	38.88	Joe Neguse	Democratic	Biden	Suburban
Colorado	CO-03	1,581	4,138	6,743	22.95	Lauren Boebert	Republican	Trump	Rural/ mostly rural
Colorado	CO-04	2,168	4,154	7,346	25.82	Ken Buck	Republican	Trump	Rural/ mostly rural
Colorado	CO-05	995	2,893	4,600	15.07	Doug Lamborn	Republican	Trump	Suburban
Colorado	CO-06	391	1,012	1,652	4.32	Jason Crow	Democratic	Biden	Suburban
Colorado	CO-07	595	1,448	2,400	7.32	Ed Perlmutter	Democratic	Biden	Suburban
Connecticut	CT-01	1,165	8,771	10,737	26.50	John B. Larson	Democratic	Biden	Suburban
Connecticut	CT-02	231	4,812	5,479	24.29	Joe Courtney	Democratic	Biden	Rural/ mostly rural
Connecticut	CT-03	929	6,539	8,060	24.75	Rosa DeLauro	Democratic	Biden	Suburban
Connecticut	CT-04	707	8,518	9,996	28.60	Jim Himes	Democratic	Biden	Suburban

State	District	Renewable Generation Jobs	Energy Efficiency Jobs	Total Clean Energy Jobs ²	Clean Energy Employment per 1,000 Jobs ³	Current Representative	Party Affiliation	2020 Presidential Election Result	Residential Cluster ⁴
Connecticut	CT-05	246	4,933	5,626	20.62	Jahana Hayes	Democratic	Biden	Suburban
District of Columbia	DC-AL	1,818	11,214	13,580	19.04	Eleanor Holmes Norton	Democratic	Biden	Urban
Delaware	DE-AL	666	10,660	11,979	27.68	Lisa Blunt Rochester	Democratic	Biden	Suburban
Florida	FL-01	630	3,730	4,940	18.50	Matt Gaetz	Republican	Trump	Rural/ mostly rural
Florida	FL-02	623	3,578	4,757	23.30	Neal Dunn	Republican	Trump	Rural/ mostly rural
Florida	FL-03	877	3,483	4,900	17.89	Kat Cammack	Republican	Trump	Rural/ mostly rural
Florida	FL-04	1,186	5,423	7,451	16.37	John Rutherford	Republican	Trump	Suburban
Florida	FL-05	1,323	5,406	7,570	27.40	Al Lawson	Democratic	Biden	Suburban
Florida	FL-06	574	3,246	4,324	18.80	Michael Waltz	Republican	Trump	Suburban
Florida	FL-07	928	3,243	4,674	10.81	Stephanie Murphy	Democratic	Biden	Suburban
Florida	FL-08	736	3,817	5,144	18.43	Bill Posey	Republican	Trump	Suburban
Florida	FL-09	326	1,822	2,431	9.72	Darren Soto	Democratic	Biden	Suburban
Florida	FL-10	324	1,942	2,569	4.15	Val Demings	Democratic	Biden	Suburban
Florida	FL-11	405	2,378	3,152	17.50	Daniel Webster	Republican	Trump	Rural/ mostly rural
Florida	FL-12	1,182	4,655	6,550	31.20	Gus Bilirakis	Republican	Trump	Suburban
Florida	FL-13	737	3,282	4,528	11.84	Charlie Crist	Democratic	Biden	Suburban
Florida	FL-14	1,251	4,992	7,018	13.32	Kathy Castor	Democratic	Biden	Suburban
Florida	FL-15	257	1,504	1,994	6.06	Scott Franklin	Republican	Trump	Suburban
Florida	FL-16	972	4,531	6,206	21.38	Vern Buchanan	Republican	Trump	Suburban
Florida	FL-17	473	2,505	3,366	19.66	Greg Steube	Republican	Trump	Rural/ mostly rural
Florida	FL-18	3,476	9,998	15,026	52.25	Brian Mast	Republican	Trump	Suburban
Florida	FL-19	1,166	5,833	7,904	20.62	Byron Donalds	Republican	Trump	Suburban
Florida	FL-20	1,563	8,213	11,050	34.41	VACANT	—	Biden	Urban/ mostly urban
Florida	FL-21	346	1,893	2,533	10.19	Lois Frankel	Democratic	Biden	Suburban
Florida	FL-22	1,121	4,932	6,818	15.45	Ted Deutch	Democratic	Biden	Suburban
Florida	FL-23	862	4,742	6,339	17.58	Debbie Wasserman Schultz	Democratic	Biden	Urban/ mostly urban
Florida	FL-24	650	3,711	4,937	19.15	Frederica Wilson	Democratic	Biden	Urban/ mostly urban
Florida	FL-25	659	3,685	4,916	11.83	Mario Díaz-Balart	Republican	Trump	Urban/ mostly urban
Florida	FL-26	551	3,005	4,022	24.88	Carlos A. Giménez	Republican	Trump	Urban/ mostly urban
Florida	FL-27	610	3,370	4,504	11.01	Maria Elvira Salazar	Republican	Trump	Urban/ mostly urban
Georgia	GA-01	430	3,231	4,329	15.33	Buddy Carter	Republican	Trump	Rural/ mostly rural
Georgia	GA-02	687	3,837	5,317	22.00	Sanford Bishop	Democratic	Biden	Rural/ mostly rural
Georgia	GA-03	433	3,321	4,440	16.31	Drew Ferguson	Republican	Trump	Rural/ mostly rural
Georgia	GA-04	1,272	5,558	7,984	44.94	Hank Johnson	Democratic	Biden	Suburban
Georgia	GA-05	1,568	7,150	10,200	16.16	Nikema Williams	Democratic	Biden	Suburban

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Georgia	GA-06	1,420	9,704	13,602	23.21	Lucy McBath	Democratic	Biden	Suburban
Georgia	GA-07	459	3,151	4,263	9.98	Carolyn Bourdeaux	Democratic	Biden	Suburban
Georgia	GA-08	259	1,953	2,616	11.73	Austin Scott	Republican	Trump	Rural/ mostly rural
Georgia	GA-09	462	3,472	4,650	18.33	Andrew Clyde	Republican	Trump	Rural/ mostly rural
Georgia	GA-10	204	1,580	2,112	10.79	Jody Hice	Republican	Trump	Rural/ mostly rural
Georgia	GA-11	424	3,201	4,287	9.50	Barry Loudermilk	Republican	Trump	Suburban
Georgia	GA-12	317	2,393	3,206	12.92	Rick Allen	Republican	Trump	Rural/ mostly rural
Georgia	GA-13	134	1,043	1,392	6.62	David Scott	Democratic	Biden	Suburban
Georgia	GA-14	866	1,530	2,712	13.11	Marjorie Taylor Greene	Republican	Trump	Rural/ mostly rural
Hawaii	HI-01	2,607	3,590	7,801	21.97	Ed Case	Democratic	Biden	Urban/ mostly urban
Hawaii	HI-02	2,045	1,530	4,749	22.96	Kai Kahele	Democratic	Biden	Rural/ mostly rural
Iowa	IA-01	1,450	4,764	7,535	19.72	Ashley Hinson	Republican	Trump	Rural/ mostly rural
Iowa	IA-02	1,330	3,939	6,360	17.89	Mariannette Miller-Meeks	Republican	Trump	Rural/ mostly rural
Iowa	IA-03	1,365	4,848	7,558	17.43	Cindy Axne	Democratic	Trump	Suburban
Iowa	IA-04	1,510	4,689	7,500	23.22	Randy Feenstra	Republican	Trump	Rural/ mostly rural
Idaho	ID-01	1,154	4,969	7,563	21.72	Russ Fulcher	Republican	Trump	Rural/ mostly rural
Idaho	ID-02	662	3,350	4,982	11.99	Mike Simpson	Republican	Trump	Rural/ mostly rural
Illinois	IL-01	954	4,641	6,564	33.07	Bobby Rush	Democratic	Biden	Urban/ mostly urban
Illinois	IL-02	391	1,916	2,707	15.49	Robin Kelly	Democratic	Biden	Suburban
Illinois	IL-03	846	3,727	5,351	22.31	Marie Newman	Democratic	Biden	Urban/ mostly urban
Illinois	IL-04	751	3,705	5,229	36.02	Jesús "Chuy" García	Democratic	Biden	Urban/ mostly urban
Illinois	IL-05	1,627	6,867	9,926	25.10	Mike Quigley	Democratic	Biden	Urban/ mostly urban
Illinois	IL-06	1,907	9,527	13,421	32.91	Sean Casten	Democratic	Biden	Suburban
Illinois	IL-07	3,424	11,750	17,643	19.44	Danny K. Davis	Democratic	Biden	Urban/ mostly urban
Illinois	IL-08	751	2,747	4,072	9.40	Raja Krishnamoorthi	Democratic	Biden	Suburban
Illinois	IL-09	750	3,821	5,367	17.45	Jan Schakowsky	Democratic	Biden	Urban/ mostly urban
Illinois	IL-10	768	3,876	5,460	14.45	Brad Schneider	Democratic	Biden	Suburban
Illinois	IL-11	511	2,543	3,585	11.79	Bill Foster	Democratic	Biden	Suburban
Illinois	IL-12	832	4,590	6,379	27.96	Mike Bost	Republican	Trump	Rural/ mostly rural
Illinois	IL-13	890	4,780	6,667	26.31	Rodney L. Davis	Republican	Trump	Rural/ mostly rural
Illinois	IL-14	505	2,513	3,542	16.97	Lauren Underwood	Democratic	Biden	Suburban
Illinois	IL-15	629	3,242	4,547	21.32	Mary Miller	Republican	Trump	Rural/ mostly rural

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Illinois	IL-16	839	4,267	5,996	24.52	Adam Kinzinger	Republican	Trump	Rural/ mostly rural
Illinois	IL-17	715	3,843	5,359	19.57	Cheri Bustos	Democratic	Trump	Rural/ mostly rural
Illinois	IL-18	519	2,316	3,319	12.62	Darin LaHood	Republican	Trump	Rural/ mostly rural
Indiana	IN-01	1,120	5,087	8,368	31.08	Frank J. Mrvan	Democratic	Biden	Suburban
Indiana	IN-02	1,463	6,149	10,223	28.41	Jackie Walorski	Republican	Trump	Rural/ mostly rural
Indiana	IN-03	1,623	7,126	11,776	31.69	Jim Banks	Republican	Trump	Rural/ mostly rural
Indiana	IN-04	1,783	5,084	9,026	29.95	Jim Baird	Republican	Trump	Rural/ mostly rural
Indiana	IN-05	1,424	6,862	11,201	25.13	Victoria Spartz	Republican	Trump	Suburban
Indiana	IN-06	948	4,981	8,044	30.44	Greg Pence	Republican	Trump	Rural/ mostly rural
Indiana	IN-07	753	3,969	6,407	16.41	André Carson	Democratic	Biden	Suburban
Indiana	IN-08	1,206	5,904	9,618	30.91	Larry Bucshon	Republican	Trump	Rural/ mostly rural
Indiana	IN-09	700	3,906	5,951	21.74	Trey Hollingsworth	Republican	Trump	Rural/ mostly rural
Kansas	KS-01	884	4,550	6,348	23.21	Tracey Mann	Republican	Trump	Rural/ mostly rural
Kansas	KS-02	610	3,144	4,385	16.48	Jake LaTurner	Republican	Trump	Rural/ mostly rural
Kansas	KS-03	1,425	4,669	7,031	14.72	Sharice Davids	Democratic	Biden	Suburban
Kansas	KS-04	659	3,456	4,808	14.52	Ron Estes	Republican	Trump	Suburban
Kentucky	KY-01	393	4,020	5,820	23.73	James Comer	Republican	Trump	Rural/ mostly rural
Kentucky	KY-02	346	4,062	7,326	27.16	Brett Guthrie	Republican	Trump	Rural/ mostly rural
Kentucky	KY-03	391	4,688	6,718	13.13	John Yarmuth	Democratic	Biden	Suburban
Kentucky	KY-04	308	3,534	5,077	17.22	Thomas Massie	Republican	Trump	Rural/ mostly rural
Kentucky	KY-05	289	2,341	3,449	18.93	Hal Rogers	Republican	Trump	Rural/ mostly rural
Kentucky	KY-06	353	3,265	4,760	14.27	Andy Barr	Republican	Trump	Rural/ mostly rural
Louisiana	LA-01	1,424	5,568	7,917	23.25	Steve Scalise	Republican	Trump	Rural/ mostly rural
Louisiana	LA-02	561	3,356	4,472	13.93	Troy Carter	Democratic	Biden	Suburban
Louisiana	LA-03	718	3,513	4,851	15.16	Clay Higgins	Republican	Trump	Rural/ mostly rural
Louisiana	LA-04	628	2,624	3,685	15.94	Mike Johnson	Republican	Trump	Rural/ mostly rural
Louisiana	LA-05	370	1,979	2,676	12.06	Julia Letlow	Republican	Trump	Rural/ mostly rural
Louisiana	LA-06	344	2,099	2,792	7.62	Garret Graves	Republican	Trump	Rural/ mostly rural
Massachusetts	MA-01	1,633	6,560	9,199	35.00	Richard Neal	Democratic	Biden	Suburban
Massachusetts	MA-02	1,383	6,654	9,064	30.26	Jim McGovern	Democratic	Biden	Rural/ mostly rural
Massachusetts	MA-03	3,876	10,537	16,035	53.48	Lori Trahan	Democratic	Biden	Suburban
Massachusetts	MA-04	2,248	9,422	13,125	37.05	Jake Auchincloss	Democratic	Biden	Suburban

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Massachusetts	MA-05	2,100	9,059	12,553	30.41	Katherine Clark	Democratic	Biden	Urban/ mostly urban
Massachusetts	MA-06	2,390	9,416	13,255	34.55	Seth Moulton	Democratic	Biden	Suburban
Massachusetts	MA-07	2,587	8,277	12,164	22.11	Ayanna Pressley	Democratic	Biden	Urban/ mostly urban
Massachusetts	MA-08	2,272	9,533	13,304	24.07	Stephen Lynch	Democratic	Biden	Suburban
Massachusetts	MA-09	1,634	7,443	10,211	39.88	Bill Keating	Democratic	Biden	Suburban
Maryland	MD-01	1,087	12,269	14,261	63.96	Andy Harris	Republican	Trump	Rural/ mostly rural
Maryland	MD-02	1,799	11,819	14,491	37.92	Dutch Ruppersberger	Democratic	Biden	Suburban
Maryland	MD-03	1,871	12,962	15,789	36.21	John Sarbanes	Democratic	Biden	Suburban
Maryland	MD-04	432	5,576	6,419	28.26	Anthony G. Brown	Democratic	Biden	Suburban
Maryland	MD-05	466	4,476	5,303	21.78	Steny Hoyer	Democratic	Biden	Suburban
Maryland	MD-06	1,210	11,574	13,638	41.72	David Trone	Democratic	Biden	Suburban
Maryland	MD-07	134	1,586	1,837	5.41	Kweisi Mfume	Democratic	Biden	Urban/ mostly urban
Maryland	MD-08	576	5,150	6,105	16.45	Jamie Raskin	Democratic	Biden	Suburban
Maine	ME-01	1,431	4,636	6,867	19.24	Chellie Pingree	Democratic	Biden	Rural/ mostly rural
Maine	ME-02	1,066	3,397	5,056	21.31	Jared Golden	Democratic	Trump	Rural/ mostly rural
Michigan	MI-01	949	7,395	11,171	50.00	Jack Bergman	Republican	Trump	Rural/ mostly rural
Michigan	MI-02	1,082	7,846	11,928	33.90	Bill Huizenga	Republican	Trump	Rural/ mostly rural
Michigan	MI-03	471	3,800	5,724	17.19	Peter Meijer	Republican	Trump	Rural/ mostly rural
Michigan	MI-04	1,429	5,623	9,202	46.12	John Moolenaar	Republican	Trump	Rural/ mostly rural
Michigan	MI-05	441	3,434	5,188	22.83	Dan Kildee	Democratic	Biden	Suburban
Michigan	MI-06	616	5,041	7,583	29.91	Fred Upton	Republican	Trump	Rural/ mostly rural
Michigan	MI-07	922	7,265	10,959	50.22	Tim Walberg	Republican	Trump	Rural/ mostly rural
Michigan	MI-08	672	4,828	7,418	29.26	Elissa Slotkin	Democratic	Trump	Suburban
Michigan	MI-09	1,164	8,870	13,425	45.88	Andy Levin	Democratic	Biden	Suburban
Michigan	MI-10	664	4,618	7,047	30.50	Lisa McClain	Republican	Trump	Rural/ mostly rural
Michigan	MI-11	843	5,446	8,371	16.60	Haley Stevens	Democratic	Biden	Suburban
Michigan	MI-12	455	3,338	5,068	15.88	Debbie Dingell	Democratic	Biden	Suburban
Michigan	MI-13	525	3,557	5,441	23.52	Rashida Tlaib	Democratic	Biden	Suburban
Michigan	MI-14	535	3,182	4,932	13.68	Brenda Lawrence	Democratic	Biden	Suburban
Minnesota	MN-01	451	5,314	6,610	21.54	Jim Hagedorn	Republican	Trump	Rural/ mostly rural
Minnesota	MN-02	323	3,013	3,836	13.41	Angie Craig	Democratic	Biden	Suburban
Minnesota	MN-03	2,577	9,449	13,530	27.74	Dean Phillips	Democratic	Biden	Suburban
Minnesota	MN-04	1,028	5,059	6,894	18.65	Betty McCollum	Democratic	Biden	Suburban
Minnesota	MN-05	1,410	5,722	8,047	15.11	Ilhan Omar	Democratic	Biden	Urban/ mostly urban
Minnesota	MN-06	1,154	4,146	5,955	24.70	Tom Emmer	Republican	Trump	Rural/ mostly rural

State	District	Renewable Generation Jobs	Energy Efficiency Jobs	Total Clean Energy Jobs ²	Clean Energy Employment per 1,000 Jobs ³	Current Representative	Party Affiliation	2020 Presidential Election Result	Residential Cluster ⁴
Minnesota	MN-07	421	5,082	6,311	26.38	Michelle Fischbach	Republican	Trump	Rural/ mostly rural
Minnesota	MN-08	251	3,361	4,147	18.78	Pete Stauber	Republican	Trump	Rural/ mostly rural
Missouri	MO-01	1,274	7,707	10,727	23.19	Cori Bush	Democratic	Biden	Suburban
Missouri	MO-02	496	4,409	5,905	11.74	Ann Wagner	Republican	Biden	Suburban
Missouri	MO-03	535	4,591	6,167	23.18	Blaine Luetkemeyer	Republican	Trump	Rural/ mostly rural
Missouri	MO-04	446	3,837	5,152	22.69	Vicky Hartzler	Republican	Trump	Rural/ mostly rural
Missouri	MO-05	983	6,203	8,593	18.74	Emanuel Cleaver	Democratic	Biden	Suburban
Missouri	MO-06	400	3,188	4,310	18.14	Sam Graves	Republican	Trump	Rural/ mostly rural
Missouri	MO-07	605	4,664	6,325	18.27	Billy Long	Republican	Trump	Rural/ mostly rural
Missouri	MO-08	385	3,267	4,392	19.66	Jason Smith	Republican	Trump	Rural/ mostly rural
Mississippi	MS-01	325	3,445	4,712	16.24	Trent Kelly	Republican	Trump	Rural/ mostly rural
Mississippi	MS-02	482	3,970	5,537	24.57	Bennie Thompson	Democratic	Biden	Rural/ mostly rural
Mississippi	MS-03	317	2,981	4,113	12.64	Michael Guest	Republican	Trump	Rural/ mostly rural
Mississippi	MS-04	292	3,216	4,387	15.69	Steven Palazzo	Republican	Trump	Rural/ mostly rural
Montana	MT-AL	442	7,968	9,460	20.24	Matt Rosendale	Republican	Trump	Rural/ mostly rural
North Carolina	NC-01	1,632	8,812	11,821	40.58	G. K. Butterfield	Democratic	Biden	Rural/ mostly rural
North Carolina	NC-02	1,339	8,912	11,648	42.26	Deborah Ross	Democratic	Biden	Rural/ mostly rural
North Carolina	NC-03	527	5,364	6,728	30.56	Greg Murphy	Republican	Trump	Rural/ mostly rural
North Carolina	NC-04	921	7,549	9,649	16.20	David Price	Democratic	Biden	Suburban
North Carolina	NC-05	1,395	8,361	11,061	35.90	Virginia Foxx	Republican	Trump	Rural/ mostly rural
North Carolina	NC-06	419	4,545	5,673	21.19	Kathy Manning	Democratic	Biden	Rural/ mostly rural
North Carolina	NC-07	684	4,186	5,524	21.34	David Rouzer	Republican	Trump	Rural/ mostly rural
North Carolina	NC-08	809	5,216	6,840	27.49	Richard Hudson	Republican	Trump	Rural/ mostly rural
North Carolina	NC-09	1,762	10,887	14,334	49.24	Dan Bishop	Republican	Trump	Suburban
North Carolina	NC-10	1,227	7,153	9,497	27.12	Patrick McHenry	Republican	Trump	Rural/ mostly rural
North Carolina	NC-11	375	3,885	4,869	19.28	Madison Cawthorn	Republican	Trump	Rural/ mostly rural
North Carolina	NC-12	44	434	545	0.85	Alma Adams	Democratic	Biden	Suburban
North Carolina	NC-13	131	1,169	1,482	3.43	Ted Budd	Republican	Trump	Rural/ mostly rural
North Dakota	ND-AL	2,170	4,782	8,258	20.94	Kelly Armstrong	Republican	Trump	Rural/ mostly rural
Nebraska	NE-01	998	4,201	6,001	20.45	Jeff Fortenberry	Republican	Trump	Rural/ mostly rural
Nebraska	NE-02	1,021	4,198	6,015	14.06	Don Bacon	Republican	Biden	Suburban

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Nebraska	NE-03	1,031	4,033	5,830	24.06	Adrian Smith	Republican	Trump	Rural/ mostly rural
New Hampshire	NH-01	1,839	5,885	8,413	24.94	Chris Pappas	Democratic	Biden	Rural/ mostly rural
New Hampshire	NH-02	1,376	4,953	6,909	23.02	Ann McLane Kuster	Democratic	Biden	Rural/ mostly rural
New Jersey	NJ-01	657	2,419	3,538	12.33	Donald Norcross	Democratic	Biden	Suburban
New Jersey	NJ-02	518	2,142	3,070	12.34	Jeff Van Drew	Republican	Trump	Rural/ mostly rural
New Jersey	NJ-03	1,526	3,357	5,525	20.25	Andy Kim	Democratic	Trump	Suburban
New Jersey	NJ-04	1,932	3,572	6,181	19.15	Chris Smith	Republican	Trump	Suburban
New Jersey	NJ-05	816	3,612	5,119	16.09	Josh Gottheimer	Democratic	Biden	Suburban
New Jersey	NJ-06	621	2,058	3,073	8.71	Frank Pallone	Democratic	Biden	Suburban
New Jersey	NJ-07	1,453	4,718	7,074	18.17	Tom Malinowski	Democratic	Biden	Suburban
New Jersey	NJ-08	696	2,415	3,573	13.19	Albio Sires	Democratic	Biden	Urban/ mostly urban
New Jersey	NJ-09	803	2,682	3,998	11.99	Bill Pascrell	Democratic	Biden	Urban/ mostly urban
New Jersey	NJ-10	197	845	1,203	5.13	Donald Payne Jr	Democratic	Biden	Urban/ mostly urban
New Jersey	NJ-11	1,024	3,097	4,713	10.14	Mikie Sherrill	Democratic	Biden	Suburban
New Jersey	NJ-12	689	1,964	3,029	8.25	Bonnie Watson Coleman	Democratic	Biden	Suburban
New Mexico	NM-01	2,527	2,877	6,240	18.59	Melanie Stansbury	Democratic	Biden	Suburban
New Mexico	NM-02	692	1,038	2,031	9.36	Yvette Herrell	Republican	Trump	Rural/ mostly rural
New Mexico	NM-03	1,003	1,426	2,844	13.14	Teresa Leger Fernandez	Democratic	Biden	Rural/ mostly rural
Nevada	NV-01	6,574	6,167	14,746	32.28	Dina Titus	Democratic	Biden	Urban/ mostly urban
Nevada	NV-02	1,402	2,420	11,809	38.73	Mark Amodei	Republican	Trump	Rural/ mostly rural
Nevada	NV-03	1,416	1,420	3,299	9.42	Susie Lee	Democratic	Biden	Urban/ mostly urban
Nevada	NV-04	478	648	1,337	7.75	Steven Horsford	Democratic	Biden	Urban/ mostly urban
New York	NY-01	1,681	8,533	11,282	42.89	Lee Zeldin	Republican	Trump	Suburban
New York	NY-02	584	4,313	5,412	19.66	Andrew Garbarino	Republican	Trump	Suburban
New York	NY-03	1,148	7,031	9,018	21.59	Thomas Suozzi	Democratic	Biden	Suburban
New York	NY-04	615	5,280	6,526	22.27	Kathleen Rice	Democratic	Biden	Urban/ mostly urban
New York	NY-05	154	1,574	1,916	10.86	Gregory Meeks	Democratic	Biden	Urban/ mostly urban
New York	NY-06	259	2,704	3,286	16.55	Grace Meng	Democratic	Biden	Urban/ mostly urban
New York	NY-07	887	7,463	9,240	35.45	Nydia Velázquez	Democratic	Biden	Urban/ mostly urban
New York	NY-08	171	1,868	2,262	13.48	Hakeem Jeffries	Democratic	Biden	Urban/ mostly urban
New York	NY-09	84	847	1,033	7.37	Yvette Clarke	Democratic	Biden	Urban/ mostly urban
New York	NY-10	1,418	10,056	12,811	14.19	Jerry Nadler	Democratic	Biden	Urban/ mostly urban

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New York	NY-11	201	2,175	2,636	14.55	Nicole Malliotakis	Republican	Trump	Urban/ mostly urban
New York	NY-12	1,775	11,019	14,088	8.59	Carolyn Maloney	Democratic	Biden	Urban/ mostly urban
New York	NY-13	80	789	963	5.71	Adriano Espaillat	Democratic	Biden	Urban/ mostly urban
New York	NY-14	147	1,551	1,884	11.13	Alexandria Ocasio-Cortez	Democratic	Biden	Urban/ mostly urban
New York	NY-15	350	1,436	1,957	13.34	Ritchie Torres	Democratic	Biden	Urban/ mostly urban
New York	NY-16	328	3,293	4,014	21.25	Jamaal Bowman	Democratic	Biden	Urban/ mostly urban
New York	NY-17	1,357	7,127	9,335	24.96	Mondaire Jones	Democratic	Biden	Suburban
New York	NY-18	640	5,171	6,444	26.25	Sean Patrick Maloney	Democratic	Biden	Rural/ mostly rural
New York	NY-19	599	4,888	6,071	33.54	Antonio Delgado	Democratic	Biden	Rural/ mostly rural
New York	NY-20	855	5,441	6,947	19.01	Paul Tonko	Democratic	Biden	Suburban
New York	NY-21	783	3,934	5,186	26.77	Elise Stefanik	Republican	Trump	Rural/ mostly rural
New York	NY-22	315	3,576	4,319	18.19	Claudia Tenney	Republican	Trump	Rural/ mostly rural
New York	NY-23	487	4,121	5,102	21.75	Tom Reed	Republican	Trump	Rural/ mostly rural
New York	NY-24	580	4,864	6,021	20.58	John Katko	Republican	Biden	Rural/ mostly rural
New York	NY-25	355	4,153	5,003	13.31	Joseph Morelle	Democratic	Biden	Suburban
New York	NY-26	1,520	5,113	7,253	19.28	Brian Higgins	Democratic	Biden	Urban/ mostly urban
New York	NY-27	245	2,639	3,200	14.09	Chris Jacobs	Republican	Trump	Rural/ mostly rural
Ohio	OH-01	961	7,820	10,991	24.25	Steve Chabot	Republican	Trump	Suburban
Ohio	OH-02	211	2,606	3,553	11.85	Brad Wenstrup	Republican	Trump	Rural/ mostly rural
Ohio	OH-03	492	6,668	9,079	20.88	Joyce Beatty	Democratic	Biden	Suburban
Ohio	OH-04	480	6,942	9,383	31.35	Jim Jordan	Republican	Trump	Rural/ mostly rural
Ohio	OH-05	3,537	7,751	13,478	40.58	Bob Latta	Republican	Trump	Rural/ mostly rural
Ohio	OH-06	334	4,689	6,348	33.03	Bill Johnson	Republican	Trump	Rural/ mostly rural
Ohio	OH-07	556	5,845	8,053	32.51	Bob Gibbs	Republican	Trump	Rural/ mostly rural
Ohio	OH-08	182	2,998	4,027	14.53	Warren Davidson	Republican	Trump	Rural/ mostly rural
Ohio	OH-09	304	3,115	4,299	16.22	Marcy Kaptur	Democratic	Biden	Suburban
Ohio	OH-10	215	3,435	4,620	14.04	Mike Turner	Republican	Trump	Suburban
Ohio	OH-11	930	8,841	12,269	27.07	VACANT	–	Biden	Urban/ mostly urban
Ohio	OH-12	150	2,309	3,086	8.24	Troy Balderson	Republican	Trump	Suburban
Ohio	OH-13	507	3,920	5,534	20.61	Tim Ryan	Democratic	Biden	Suburban
Ohio	OH-14	355	3,596	4,968	13.59	Dave Joyce	Republican	Trump	Suburban
Ohio	OH-15	97	1,484	2,000	7.49	VACANT	–	Trump	Rural/ mostly rural

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Ohio	OH-16	115	1,274	1,748	5.12	Anthony Gonzalez	Republican	Trump	Suburban
Oklahoma	OK-01	862	3,570	5,621	12.53	Kevin Hern	Republican	Trump	Suburban
Oklahoma	OK-02	449	1,842	2,904	15.26	Markwayne Mullin	Republican	Trump	Rural/ mostly rural
Oklahoma	OK-03	668	2,551	4,069	17.63	Frank Lucas	Republican	Trump	Rural/ mostly rural
Oklahoma	OK-04	446	1,800	2,848	11.57	Tom Cole	Republican	Trump	Rural/ mostly rural
Oklahoma	OK-05	723	2,977	4,691	10.29	Stephanie Bice	Republican	Trump	Suburban
Oregon	OR-01	2,727	11,597	16,155	35.78	Suzanne Bonamici	Democratic	Biden	Suburban
Oregon	OR-02	1,688	7,625	10,514	34.46	Cliff Bentz	Republican	Trump	Rural/ mostly rural
Oregon	OR-03	1,140	8,059	11,207	23.98	Earl Blumenauer	Democratic	Biden	Urban/ mostly urban
Oregon	OR-04	1,044	7,179	9,353	32.95	Peter DeFazio	Democratic	Biden	Rural/ mostly rural
Oregon	OR-05	521	3,801	4,920	15.43	Kurt Schrader	Democratic	Biden	Suburban
Pennsylvania	PA-01	598	4,382	5,806	18.85	Brian Fitzpatrick	Republican	Biden	Suburban
Pennsylvania	PA-02	345	3,112	4,044	21.00	Brendan Boyle	Democratic	Biden	Urban/ mostly urban
Pennsylvania	PA-03	470	4,218	5,483	13.18	Dwight Evans	Democratic	Biden	Urban/ mostly urban
Pennsylvania	PA-04	457	4,117	5,350	11.33	Madeleine Dean	Democratic	Biden	Suburban
Pennsylvania	PA-05	368	2,535	3,381	10.33	Mary Gay Scanlon	Democratic	Biden	Urban/ mostly urban
Pennsylvania	PA-06	1,030	6,722	9,023	25.32	Chrissy Houlahan	Democratic	Biden	Suburban
Pennsylvania	PA-07	577	4,632	6,057	18.73	Susan Wild	Democratic	Biden	Suburban
Pennsylvania	PA-08	814	5,075	6,846	25.47	Matt Cartwright	Democratic	Trump	Rural/ mostly rural
Pennsylvania	PA-09	372	3,588	4,636	20.07	Dan Meuser	Republican	Trump	Rural/ mostly rural
Pennsylvania	PA-10	394	3,870	4,994	12.73	Scott Perry	Republican	Trump	Suburban
Pennsylvania	PA-11	305	2,620	3,424	11.40	Lloyd Smucker	Republican	Trump	Suburban
Pennsylvania	PA-12	770	4,635	6,279	28.61	Fred Keller	Republican	Trump	Rural/ mostly rural
Pennsylvania	PA-13	106	1,008	1,304	5.84	John Joyce	Republican	Trump	Rural/ mostly rural
Pennsylvania	PA-14	1,029	4,590	6,614	26.00	Guy Reschenthaler	Republican	Trump	Rural/ mostly rural
Pennsylvania	PA-15	1,056	4,430	6,322	30.66	Glenn Thompson	Republican	Trump	Rural/ mostly rural
Pennsylvania	PA-16	404	2,288	3,123	11.36	Mike Kelly	Republican	Trump	Rural/ mostly rural
Pennsylvania	PA-17	183	1,642	2,135	6.25	Conor Lamb	Democratic	Biden	Suburban
Pennsylvania	PA-18	196	1,932	2,492	5.57	Mike Doyle	Democratic	Biden	Urban/ mostly urban
Rhode Island	RI-01	1,161	5,828	7,634	35.57	David Cicilline	Democratic	Biden	Urban/ mostly urban
Rhode Island	RI-02	908	4,799	6,240	26.53	James Langevin	Democratic	Biden	Suburban
South Carolina	SC-01	1,692	6,041	9,570	31.85	Nancy Mace	Republican	Trump	Suburban
South Carolina	SC-02	1,035	4,014	6,271	24.34	Joe Wilson	Republican	Trump	Rural/ mostly rural

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South Carolina	SC-03	921	3,514	5,505	25.85	Jeff Duncan	Republican	Trump	Rural/ mostly rural
South Carolina	SC-04	1,167	4,417	6,927	15.94	William Timmons	Republican	Trump	Suburban
South Carolina	SC-05	589	2,715	4,130	17.08	Ralph Norman	Republican	Trump	Rural/ mostly rural
South Carolina	SC-06	704	2,529	4,002	11.91	Jim Clyburn	Democratic	Biden	Rural/ mostly rural
South Carolina	SC-07	809	3,584	5,483	18.76	Tom Rice	Republican	Trump	Rural/ mostly rural
South Dakota	SD-AL	2,747	7,104	11,406	26.91	Dusty Johnson	Republican	Trump	Rural/ mostly rural
Tennessee	TN-01	576	4,886	7,459	26.40	Diana Harshbarger	Republican	Trump	Rural/ mostly rural
Tennessee	TN-02	571	6,508	9,739	28.26	Tim Burchett	Republican	Trump	Rural/ mostly rural
Tennessee	TN-03	1,098	5,673	9,089	27.27	Chuck Fleischmann	Republican	Trump	Rural/ mostly rural
Tennessee	TN-04	392	4,705	7,020	23.98	Scott DesJarlais	Republican	Trump	Rural/ mostly rural
Tennessee	TN-05	964	8,775	13,305	24.07	Jim Cooper	Democratic	Biden	Suburban
Tennessee	TN-06	769	4,075	6,509	26.87	John Rose	Republican	Trump	Rural/ mostly rural
Tennessee	TN-07	254	3,264	4,852	16.81	Mark Green	Republican	Trump	Rural/ mostly rural
Tennessee	TN-08	520	6,888	10,223	34.88	David Kustoff	Republican	Trump	Rural/ mostly rural
Tennessee	TN-09	247	3,201	4,756	12.64	Steve Cohen	Democratic	Biden	Suburban
Texas	TX-01	1,220	4,962	7,247	24.03	Louie Gohmert	Republican	Trump	Rural/ mostly rural
Texas	TX-02	3,608	14,777	21,558	51.37	Dan Crenshaw	Republican	Trump	Suburban
Texas	TX-03	1,129	5,359	7,636	15.46	Van Taylor	Republican	Trump	Suburban
Texas	TX-04	771	3,573	5,111	21.31	Pat Fallon	Republican	Trump	Rural/ mostly rural
Texas	TX-05	843	4,054	5,766	25.87	Lance Gooden	Republican	Trump	Rural/ mostly rural
Texas	TX-06	1,048	4,924	7,028	24.82	Jake Elzey	Republican	Trump	Suburban
Texas	TX-07	2,959	7,353	11,887	22.28	Lizzie Fletcher	Democratic	Biden	Urban/ mostly urban
Texas	TX-08	867	3,987	5,708	21.82	Kevin Brady	Republican	Trump	Rural/ mostly rural
Texas	TX-09	643	2,554	3,744	9.90	Al Green	Democratic	Biden	Urban/ mostly urban
Texas	TX-10	2,881	8,423	13,109	33.41	Michael McCaul	Republican	Trump	Rural/ mostly rural
Texas	TX-11	1,495	6,250	9,085	27.21	August Pfluger	Republican	Trump	Rural/ mostly rural
Texas	TX-12	1,418	5,851	8,525	20.83	Kay Granger	Republican	Trump	Suburban
Texas	TX-13	1,142	4,830	7,007	27.16	Ronny Jackson	Republican	Trump	Rural/ mostly rural
Texas	TX-14	858	4,006	5,723	20.61	Randy Weber	Republican	Trump	Suburban
Texas	TX-15	959	4,319	6,207	27.47	Vicente Gonzalez	Democratic	Biden	Suburban
Texas	TX-16	781	3,406	4,917	18.33	Veronica Escobar	Democratic	Biden	Suburban
Texas	TX-17	826	3,443	5,008	15.82	Pete Sessions	Republican	Trump	Rural/ mostly rural

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Texas	TX-18	960	4,393	6,295	12.98	Sheila Jackson Lee	Democratic	Biden	Suburban
Texas	TX-19	693	3,003	4,340	15.16	Jodey Arrington	Republican	Trump	Rural/ mostly rural
Texas	TX-20	1,372	5,224	7,715	24.31	Joaquin Castro	Democratic	Biden	Suburban
Texas	TX-21	3,273	9,993	15,409	28.14	Chip Roy	Republican	Trump	Suburban
Texas	TX-22	708	2,687	3,971	14.41	Troy Nehls	Republican	Trump	Suburban
Texas	TX-23	438	1,845	2,678	12.18	Tony Gonzales	Republican	Trump	Rural/ mostly rural
Texas	TX-24	1,792	7,756	11,211	13.23	Beth Van Duyne	Republican	Biden	Suburban
Texas	TX-25	583	2,343	3,428	12.50	Roger Williams	Republican	Trump	Rural/ mostly rural
Texas	TX-26	289	1,394	1,982	6.50	Michael Burgess	Republican	Trump	Suburban
Texas	TX-27	907	4,127	5,919	20.47	Michael Cloud	Republican	Trump	Rural/ mostly rural
Texas	TX-28	452	1,844	2,690	13.94	Henry Cuellar	Democratic	Biden	Suburban
Texas	TX-29	230	1,094	1,559	6.12	Sylvia Garcia	Democratic	Biden	Suburban
Texas	TX-30	932	4,463	6,352	16.11	Eddie Bernice Johnson	Democratic	Biden	Suburban
Texas	TX-31	469	2,182	3,118	10.14	John Carter	Republican	Trump	Suburban
Texas	TX-32	570	2,330	3,399	8.13	Colin Allred	Democratic	Biden	Suburban
Texas	TX-33	25	116	166	0.49	Marc Veasey	Democratic	Biden	Suburban
Texas	TX-34	288	1,345	1,921	9.46	Filemon Vela Jr.	Democratic	Biden	Rural/ mostly rural
Texas	TX-35	682	1,323	2,289	5.90	Lloyd Doggett	Democratic	Biden	Suburban
Texas	TX-36	564	2,580	3,697	12.26	Brian Babin	Republican	Trump	Rural/ mostly rural
Utah	UT-01	451	4,967	5,995	19.98	Blake Moore	Republican	Trump	Suburban
Utah	UT-02	1,224	9,388	11,702	23.67	Chris Stewart	Republican	Trump	Rural/ mostly rural
Utah	UT-03	6,018	13,678	21,285	60.83	John Curtis	Republican	Trump	Suburban
Utah	UT-04	169	2,117	2,532	6.12	Burgess Owens	Republican	Trump	Suburban
Virginia	VA-01	799	7,733	9,396	36.09	Rob Wittman	Republican	Trump	Rural/ mostly rural
Virginia	VA-02	741	6,954	8,473	32.10	Elaine Luria	Democratic	Biden	Suburban
Virginia	VA-03	751	6,753	8,259	21.14	Bobby Scott	Democratic	Biden	Suburban
Virginia	VA-04	630	5,408	6,679	20.73	Donald McEachin	Democratic	Biden	Rural/ mostly rural
Virginia	VA-05	1,795	9,298	12,132	50.19	Bob Good	Republican	Trump	Rural/ mostly rural
Virginia	VA-06	678	5,576	6,877	19.10	Ben Cline	Republican	Trump	Rural/ mostly rural
Virginia	VA-07	650	4,919	6,119	17.72	Abigail Spanberger	Democratic	Biden	Rural/ mostly rural
Virginia	VA-08	1,001	9,193	11,226	26.46	Don Beyer	Democratic	Biden	Urban/ mostly urban
Virginia	VA-09	456	3,798	4,678	19.90	Morgan Griffith	Republican	Trump	Rural/ mostly rural
Virginia	VA-10	1,166	10,600	12,952	30.82	Jennifer Wexton	Democratic	Biden	Suburban
Virginia	VA-11	165	1,272	1,579	2.95	Gerry Connolly	Democratic	Biden	Suburban
Vermont	VT-AL	2,138	10,069	15,238	53.20	Peter Welch	Democratic	Biden	Rural/ mostly rural

State	District	Renewable Generation Jobs	Energy Efficiency Jobs	Total Clean Energy Jobs ²	Clean Energy Employment per 1,000 Jobs ³	Current Representative	Party Affiliation	2020 Presidential Election Result	Residential Cluster ⁴
Washington	WA-01	2,293	10,420	14,255	42.67	Suzan DelBene	Democratic	Biden	Suburban
Washington	WA-02	853	4,653	6,195	19.36	Rick Larsen	Democratic	Biden	Suburban
Washington	WA-03	773	5,296	6,853	27.79	Jaime Herrera Beutler	Republican	Trump	Rural/ mostly rural
Washington	WA-04	583	3,989	5,162	22.07	Dan Newhouse	Republican	Trump	Rural/ mostly rural
Washington	WA-05	678	4,974	6,389	23.06	Cathy McMorris Rodgers	Republican	Trump	Rural/ mostly rural
Washington	WA-06	840	6,146	7,895	33.47	Derek Kilmer	Democratic	Biden	Rural/ mostly rural
Washington	WA-07	2,186	10,619	14,374	24.96	Pramila Jayapal	Democratic	Biden	Urban/ mostly urban
Washington	WA-08	970	5,510	7,295	35.10	Kim Schrier	Democratic	Biden	Suburban
Washington	WA-09	1,056	2,739	4,200	7.71	Adam Smith	Democratic	Biden	Suburban
Washington	WA-10	339	2,375	3,066	12.44	Marilyn Strickland	Democratic	Biden	Suburban
Wisconsin	WI-01	812	7,902	9,733	33.95	Bryan Steil	Republican	Trump	Suburban
Wisconsin	WI-02	1,068	8,160	10,284	25.06	Mark Pocan	Democratic	Biden	Rural/ mostly rural
Wisconsin	WI-03	719	6,837	8,440	27.67	Ron Kind	Democratic	Trump	Rural/ mostly rural
Wisconsin	WI-04	888	6,744	8,503	24.90	Gwen Moore	Democratic	Biden	Urban/ mostly urban
Wisconsin	WI-05	688	5,694	7,118	16.06	Scott L. Fitzgerald	Republican	Trump	Suburban
Wisconsin	WI-06	780	8,314	10,170	29.85	Glenn Grothman	Republican	Trump	Rural/ mostly rural
Wisconsin	WI-07	679	7,004	8,589	30.78	Tom Tiffany	Republican	Trump	Rural/ mostly rural
Wisconsin	WI-08	488	5,331	6,507	18.15	Mike Gallagher	Republican	Trump	Rural/ mostly rural
West Virginia	WV-01	376	2,464	3,504	14.05	David McKinley	Republican	Trump	Rural/ mostly rural
West Virginia	WV-02	347	2,179	3,113	14.28	Alex Mooney	Republican	Trump	Rural/ mostly rural
West Virginia	WV-03	263	1,667	2,379	12.75	Carol Miller	Republican	Trump	Rural/ mostly rural
Wyoming	WY-AL	323	6,900	8,042	30.90	Liz Cheney	Republican	Trump	Rural/ mostly rural

ENDNOTES

- 1 Unless otherwise stated, all data is from the 2021 U.S. Energy and Employment Report (USEER), March 2021, NASEO and EFI. All employment findings in USEER is based on survey and data analysis collected from Q4 2019 prior to any onset of the COVID-19 crisis. See Pages 201-206 for methodology questions.
- 2 Total includes jobs across all clean energy sectors, including clean fuels, clean vehicles, and storage and grid.
- 3 U.S. Census Bureau 2019 County Business Patterns and the Bureau of Labor Statistics 2020 Q4 QCEW employment data, analyzed and extrapolated by BW Research.
- 4 CityLab Congressional Density Index (CDI) by David Montgomery. Available at <https://github.com/theatlantic/citylab-data/tree/master/citylab-congress>.

What Jobs We Include

This analysis defines clean energy employment as jobs in solar energy, wind energy, combined heat and power, bioenergy, non-woody biomass, low-impact hydro power, geothermal, clean vehicle technologies, clean energy storage, smart grid, micro grid, grid modernization, advanced biofuels, and energy efficiency including ENERGYSTAR and high efficiency appliances, efficient lighting, HVAC, renewable heating and cooling, and advanced building materials. Jobs in retail trade, repair services, water or waste management, and indirect employment or induced employment are not included.

About This Report

The analysis expands on Clean Jobs America 2021 and is based on preliminary employment data collected and analyzed by BW Research Partnership for the 2021 U.S. Energy and Employment Report (USEER) released by the Department of Energy (DOE). The USEER analyzes data from the U.S. Bureau of Labor Statistics (BLS) Quarterly Census of Employment and Wages (QCEW) to track employment across many energy production, transmission, and distribution subsectors. For more information on the methodology click [here](#).

About E2



E2 (Environmental Entrepreneurs) is a national, nonpartisan group of business leaders, investors, and professionals from every sector of the economy who advocate for smart policies that are good for the economy and good for the environment. E2 members have founded or funded more than 2,500 companies, created more than 600,000 jobs, and manage more than \$100 billion in venture and private equity capital.

E2 releases more than a dozen clean energy employment reports annually—including [Clean Jobs America](#)—with state-specific reports covering more than 20 states every year.