



Energy Solutions Industry

REAL TIME LABOR MARKET SUMMARY

June 2018

Energy Solutions Industry Labor Analysis Across the State During the Last 6 Months

A sampling of the Energy industry for the 6-month period showed nearly 5,000 job postings for top demand jobs. The top occupation was Software Developers, Applications, making up 9% of total job postings for the time period.

Top Job Postings		% Online Job Postings
SOC code	Occupation	
Now Occupations		
41-4012	Sales Representatives, Wholesale and Manufacturing	3.3%
43-4051	Customer Service Representatives	1.8%
43-6014	Secretaries and Administrative Assistants	1.1%
43-9061	Office Clerks, General	0.9%
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	0.8%
27-1026	Merchandise Displayers and Window Trimmers	0.7%
51-9199	Production Workers, All Other	0.5%
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	0.5%
43-5061	Production, Planning, and Expediting Clerks	0.4%
49-9012	Control and Valve Installers and Repairers	0.3%
Next Occupations		
15-1151	Computer User Support Specialists	1.4%
49-9071	Maintenance and Repair Workers, General	1.3%
51-1011	First-Line Supervisors of Production & Operating Workers	0.9%
19-4099	Quality Control Analysts	0.8%
15-1134	Web Developers	0.8%
17-3029	Engineering Technicians, Except Drafters, All Other	0.7%
43-3031	Bookkeeping, Accounting, and Auditing Clerks	0.7%
17-3013	Mechanical Drafters	0.6%
17-3023	Electronics Engineering Technicians	0.6%
53-3032	Heavy and Tractor-Trailer Truck Drivers	0.5%
Later Occupations		
15-1132	Software Developers, Applications	9.0%
11-9199	Managers, All Other	3.7%
17-2051	Civil Engineers	2.1%
15-1121	Computer Systems Analysts	1.9%
15-1199	Computer Systems Engineers/Architects	1.9%
17-2071	Electrical Engineers	1.9%
13-1111	Management Analysts	1.8%
11-2022	Sales Managers	1.7%
17-2141	Mechanical Engineers	1.6%
15-1122	Information Security Analysts	1.5%

Occupations are divided into Now, Next and Later categories based on the typical training and education required. Now occupations usually require 1-12 months of on-the-job training. Next occupations usually require more than one year of on-the-job training and can additionally need specific work experience. These occupations often require an associate's degree or vocational certificate. Later occupations usually require a bachelor's degree or higher and may need specific work experience.

Two-thirds (66%) of total job postings were found in the Later category, indicating this is an industry that demands technical and skilled labor.

The top five employers for the 6-month period of December 01, 2017 - May 31, 2018 were:

- Burns & McDonnell
- Emerson Electric
- Eaglepicher Technologies, Llc
- Orbital ATK
- HNTB



Energy Solutions Industry Skills and Certificates

Top 10 Basic Skills	
Description	Rank
Communication Skills	1
Problem Solving	2
Microsoft Excel	3
Teamwork / Collaboration	4
Microsoft Office	5
Research	6
Planning	7
Writing	8
Detail-Oriented	9
Organizational Skills	10

Top 10 Specialized Skills	
Description	Rank
Project Management	1
Scheduling	2
Customer Service	3
Budgeting	4
Quality Assurance and Control	5
Repair	6
Sales	7
Customer Contact	8
SQL	9
Oracle	10

Basic skills are the most numerous, found in the majority of job advertisements. Several soft skills such as communication, problem solving, and teamwork ranked in the top 10. Communication Skills were found in two-fifths (40%) of total job postings. Top specialized skills included project management, scheduling, and customer service.

Top 10 Software Skills	
Description	Rank
Microsoft Excel	1
Microsoft Office	2
Microsoft Powerpoint	3
Microsoft Word	4
SQL	5
Oracle	6
Java	7
Software Development	8
AutoCAD	9
SAP	10

Top 10 Certificates	
Description	Rank
Driver's License	1
Security Clearance	2
Project Management Certification	3
Licensed Professional Engineer	4
Certified Information Systems Security Professional (CISSP)	5
IT Infrastructure Library (ITIL) Certification	6
Project Management Professional (PMP)	7
Certified Information Security Manager (CISM)	8
CompTIA Security+	9
Oracle Certification	10

Top requested software skills included several Microsoft Office programs, SQL, and Oracle. Driver's License was the top requested certificate, followed by Security Clearance and Project Management Certification.

Notes:

Data for this analysis has been extracted using Burning Glass Technologies Labor/Insight™ tool which collects information from over 35,000 web sources, including job boards, newspapers, and employer websites. While this analysis presents a broad picture of hiring activity and serves as a measure of labor demand, it does not capture openings that are filled through other networks.

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