

What Are Green Jobs?

Green jobs are occupations that contribute to preserving or enhancing the quality of the environment, making our country more energy conscious and energy efficient. Many green jobs are in the areas of solar power, biofuels, wind power, mass transit and building retrofitting. The following jobs are likely to be found in these areas. Included is information on educational requirements and wages for South Carolina.

Solar Power

Job Title	Wage (\$)	Education Needed (OJT = on-the-job training)
Construction Equipment Operators	14.76	Moderate OJT
Electrical Engineers	38.16	Bachelor's Degree
Electrical Equipment Assemblers	14.87	Short-term OJT
Electricians	17.40	Long-term OJT
Industrial Machinery Mechanics	19.85	Long-term OJT
Installation Helpers	10.96	Short-term OJT
Metal Fabricators	15.02	Moderate OJT
Welders	15.87	Post-secondary/career training



Biofuels



Job Title	Wage (\$)	Education Needed
Agricultural Inspectors	17.22	Work experience in a related occupation
Chemical Equipment Operators and Tenders	27.04	Moderate OJT
Chemical Technicians	20.79	Associate's Degree
Chemists	32.21	Bachelor's Degree
Farm Product Purchasers	23.60	Long-term OJT
Mixing and Blending Machine Setters, Operators & Tenders	15.23	Moderate OJT
Sales Representatives, Wholesale & Manufacturing, Technical & Scientific Products	25.65	Work experience in a related occupation
Truck Drivers, Heavy and Tractor-trailer	17.28	Moderate OJT

Wind Power

Job Title	Wage (\$)	Education Needed
Customer Service Representatives	13.60	Moderate OJT
Cutting/Punching/Press Machine Setters/Operators/Tenders, Metal/Plastic	12.87	Moderate OJT
Drilling/Boring Machine Tool Setters, Operators/Tenders, Metal/Plastic	14.71	Moderate OJT
Environmental Engineers	32.09	Bachelor's Degree
Machinists	15.44	Long-term OJT
Maintenance and Repair Workers, General	15.74	Moderate OJT
Production, Planning and Expediting Clerks	19.59	Moderate OJT
Sheet Metal Workers	15.26	Long-term OJT



Mass Transit

Job Title	Wage (\$)	Education Needed
Bus Drivers	10.32	Moderate OJT
Civil Engineers	32.91	Bachelor's Degree
Computer Software Engineers	34.11	Bachelor's Degree
Computer-controlled Machine Operators	15.62	Moderate OJT
Dispatchers	16.01	Moderate OJT
Engineering Technicians	23.75	Associate's Degree
Rail Track Layers	19.71	Moderate OJT
Transportation Equipment Painters	17.36	Moderate OJT
Transportation Managers	23.03	Work experience in a related occupation



Building Retrofitting

Job Title	Wage (\$)	Education Needed
Building Inspectors	21.35	Work experience in a related occupation
Carpenter Helpers	11.24	Short-term OJT
Carpenters	15.61	Long-term OJT
Cement Masons and Concrete Finishers	14.03	Moderate OJT
Hazardous Materials Removal Workers	21.22	Moderate OJT
Heating, Air-conditioning and Refrigeration Mechanics/Installers	17.08	Long-term OJT
Insulation Workers, Floor, Ceiling and Wall	14.50	Moderate OJT
Plumbers, Pipefitters and Steamfitters	16.99	Long-term OJT
Roofers	12.49	Moderate OJT

Some green jobs are so new that they are only just beginning to be recognized. Some of the newest jobs in the green industry are: Energy Auditors; Deconstruction Workers; Ethanol Plant Operators and Technicians; Biodiesel Lab Technicians; Solar Installers, Technicians, and Mechanics; and Wind Energy Technicians and Mechanics.

Sources:

Wage data (average hourly for SC) from the SC Employment Security Commission, May 2007
Education Requirements from the Bureau of Labor Statistics



South Carolina Employment Security Commission
Labor Market Information
P.O. Box 995, Columbia, SC 29202 800-205-9290
www.sces.org/lmi

