

SOLAR FOR ALL JOB DESCRIPTION EXAMPLE FOR STATES

Engineer 9-P11 - MI Solar for All Program Engineer

This position is one of several position descriptions for jobs relating to Solar for All posted on the Clean Energy States Alliance [Solar for All webpage](#). It is not necessarily an active job description, but an example for other states to use for their own recruiting purposes.

Location: Lansing, MI

Working Title: Engineer 9-P11 - MI Solar for All Program Engineer

Agency: State of Michigan, MI Solar for All

Salary: Pay schedule H21-008

Summary

This limited term position functions as the MI Solar for All (MISFA) program engineer in the Department of Environment, Great Lakes, and Energy (EGLE), Executive Office, Office of Climate and Energy (OCE). The MISFA program has been awarded \$156 million to support implementation of residential and community solar serving low-income and disadvantaged households to reduce household energy burden and greenhouse gas emissions. The program also includes energy storage deployment; enabling building upgrades; workforce development; community/technical assistance; vendor/consultant management; stakeholder engagement; site visits; and monitoring, performance, and compliance activities.

This position will help conduct research and analyses supporting successful deployment of the MISFA program. Topics may include electric reliability, energy resiliency, and solar and storage equipment types and operation. In addition, it will help develop, evaluate, and manage MISFA grant programs. The role will include collaborating with relevant entities, such as residential households, state agencies, local governments, Tribal nations, community-based organizations, and utilities to ensure developed programs meet Michigan community needs as well as MISFA programmatic needs.

This position will be a two-year limited-term appointment, with the possibility of extension.

Examples of Duties

The job duties listed are typical examples of the work performed by positions in this job classification. Not all duties assigned to every ENGINEER position are included, nor is it expected that all positions will be assigned every duty.

- *Reviews and analyzes plans and specifications of engineering systems and equipment*
- *to determine compliance with sound engineering practices and established standards, codes, and regulations.*
- *Prepares plans, specifications, contract documents, and cost estimates for a variety of engineering systems and equipment.*
- *Advises and consults with architects, engineers, and contractors in the layout, design, and code requirements for electrical or mechanical installations.*
- *Makes periodic inspections of equipment and systems to observe and make recommendations on operational procedures.*
- *Conducts chemical and physical studies of a variety of materials and develops laboratory apparatus and procedures to implement results.*
- *Determines the validity and reliability of testing methods and procedures.*
- *Prepares reports and recommendations on all phases of specific engineering problems.*
- *Conducts technical investigations and prepares reports or correspondence based on interpretations of the resulting data.*
- *May conduct training for program staff and others in area of expertise.*
- *Maintains records, prepares reports and correspondence related to the work.*
- *Performs related work as assigned.*

Minimum Qualifications Required

Possession of a Bachelor of Science degree in engineering.

Some knowledge in the area listed is required at the entry level, developing knowledge is required at the intermediate level, considerable knowledge is required at the experienced level, and thorough knowledge is required at the advanced level.

- *Knowledge of the principles and practices of a specialized field of engineering.*
- *Knowledge of mathematics and mathematical tables used in engineering work.*
- *Knowledge of accepted practices followed in preparing plans, estimates, specifications, and contracts for engineering work.*
- *Knowledge of nomenclature and symbols used in engineering.*
- *Knowledge of equipment and materials used in engineering.*
- *Knowledge of engineering design and related drafting practices.*
- *Skill in the use of engineering instruments and tools.*
- *Ability to perform technical research work and to make comprehensive recommendations on engineering problems.*
- *Ability to make mathematical computations and to design engineering projects.*
- *Ability to collect and analyze engineering data.*
- *Ability to read, interpret and prepare engineering plans and specifications and technical reports.*
- *Ability to organize, evaluate, and present information effectively.*
- *Ability to maintain records and prepare reports and correspondence related to the work.*

- *Ability to communicate effectively with others.*
- *Ability to maintain favorable public relations.*

View The Entire Job Specification At:

<https://www.michigan.gov/mdcs/-/media/Project/Websites/mdcs/JOBSECS/E/Engineer.pdf>

Work Environment

The Department of Environment, Great Lakes, and Energy's (EGLE) mission is to protect Michigan's environment and public health by managing air, water, land, and energy resources.

At the Department of Environment, Great Lakes, and Energy, we are passionate about protecting human health and Michigan's land, water, and energy resources. We are equally passionate about creating a positive, professional, and supportive work environment where we value our differences and are committed to being open and respectful of all our employees and the public we serve. Our unique backgrounds and experiences make us better equipped to equitably deliver impactful environmental outcomes in the interest of all of Michigan's residents.

Salary & Benefits

The State of Michigan offers a competitive benefits package for all career employees that include medical, dental and vision coverage, along with paid parental leave, flexible spending accounts, retirement and much more. Click the following link to learn more.

State of Michigan – Employee Benefits

To Apply:

Please attach a cover letter, resume and official college transcripts (if applicable) to your application.

Information provided in your application, resume, cover letter, transcripts, and any other documentation provided will be used to verify responses to the supplemental questions. Unsupported responses may not be considered further.

If applicable, you must attach an electronic and/or scanned copy of your official college/university transcripts. For our purposes, "Official Transcripts" must contain the college/university name and address, the degree conferred and date granted, coursework completed (especially if no degree granted), and the Registrar's signature and/or seal.

Your application for any position does not guarantee that you will be contacted by the Department/Agency for further consideration. Only those applicants interviewed will be notified of the results.