

July 24, 2023

NOTICE OF CLOSURE OF EXAMINATION

EXAM TITLE: ELECTRIC GENERATION SYSTEM PROGRAM
SPECIALIST I

DEPARTMENT: CALIFORNIA ENERGY COMMISSION

EXAM BASE: OPEN

FINAL FILING DATE: AUGUST 1, 2023

This notice is to announce that the above-mentioned exam will be closing effective August 1, 2023. Applications must be postmarked on or before August 1, 2023. Any applications postmarked, personally delivered, or received via e-mail after the final filing date will not be accepted for any reason.

A new examination for this classification has a tentative release date of September 2023. Candidates who are on the eligibility list will need to take the new examination to maintain their eligibility.

Selection Services Office

SelectionsOffice@energy.ca.gov

California Energy Commission

916-654-4309

www.energy.ca.gov





ELECTRIC GENERATION SYSTEM PROGRAM SPECIALIST I

Exam Code: 8ERAE

Department: California Energy Commission

Exam Type: Departmental, Open

Final Filing Date: Continuous

Classification Details

Electric Generation System Program Specialist I - \$9,130 - \$11,422 (as of July 1, 2021) per month. (This classification receives a monthly \$300.00 retention bonus. This bonus is not part of the official salary and does not count toward determining retirement benefits.)

View [the Electric Generation System Program Specialist I classification specification](#)

Filing Instructions

CONTINUOUS TESTING – NO FINAL FILING DATE – Testing is considered continuous as standard State applications (STD 678) and T&E Questionnaires will be accepted on a continuous basis.

Standard State applications and T&E Questionnaires will be reviewed and scored on the 1st and 15th of every month.

Once you have taken the T&E Questionnaire examination, you may not retest for **six (6) months**. Applications and/or resumes submitted via facsimile (FAX) machines, or electronically mailed (e-mail) will not be accepted.

Who Should Apply:

Applicants who meet the minimum qualifications as stated on this bulletin may apply for and take this examination.

How to Apply:

A mandatory T&E Questionnaire must be completed and submitted with a [Standard State application \(STD 678\)](#). Applications received without the T&E Questionnaire or vice versa will not be accepted. Resumes will not be accepted in lieu of a STD 678.

The T&E questionnaire is located at the end of this bulletin.

FILE BY MAIL OR IN PERSON* AT:

California Energy Commission
Selection Services Office
715 P Street MS #52
Sacramento, CA 95814

*If you are dropping off your examination documents in person, please place your documents in an envelope and label the envelope with the mailing address above.

FILE ELECTRONICALLY:

You may submit your Standard State Application (STD 678) and completed Training & Experience (T&E) examination to SelectionsOffice@energy.ca.gov

Please do not submit the forms with your social security number due to security reasons. Both documents require a signature (original or electronic) in order to be accepted. By submitting your signed application and examination documents to the email above, you are certifying the information is true and correct and you are the one completing and submitting the documents.

Indicate the Examination Code and Classification(s) on your Examination/Employment Application (STD 678).

In order to expedite the application review process, when completing the standard State application make sure to provide a full description of duties performed.

DO NOT SEND T&E QUESTIONNAIRE AND STANDARD STATE APPLICATION TO THE CALIFORNIA DEPARTMENT OF HUMAN RESOURCES.

Special Testing Arrangements

If you have a disability and need special testing arrangements, mark question #10 on the standard State application (STD 678) and submit an [Accommodation Request \(STD 679\)](#).

You will be contacted to make specific arrangements.

Contact Information

If you have any questions concerning this examination bulletin, including provision of reasonable accommodation for this testing process, please contact:

California Energy Commission
Selection Services Office
715 P Street MS #52
Sacramento, CA 95814
Phone: (916) 653-6532
Email: SelectionsOffice@Energy.ca.gov

California Relay Service: 1-800-735-2929 (TTY), 1-800-735-2922 (Voice)

TTY is a Telecommunications Device for the Deaf, and is reachable only from phones equipped with a TTY Device.

Requirements for Admittance into the Examination

It is your responsibility to make sure you meet the education and/or experience requirements stated below when submitting your T&E Questionnaire and standard State application. Your signature on your application indicates you have read, understood and possess the basic qualifications required. **All applications must include: “to” and “from” dates (month/day/year); time base (full-time/part-time/number of hours per week/month); and civil service class titles where applicable. Applications received without this information will be rejected.**

Examination Scope

TRAINING AND EXPERIENCE QUESTIONNAIRE – WEIGHTED 100%. The examination will consist solely of a Training and Experience (T&E) Questionnaire. To obtain a position on the eligible list, a minimum score of 70% must be obtained.

Once you have taken the T&E Questionnaire examination, you may not retest for **six (6) months**.

Veteran’s Preference points will be granted in this examination.

Career Credits will not be accepted in this examination.

Questions in the T&E Questionnaire are designed to test broad knowledge of the topic under consideration and candidates should be prepared to respond to a wide variety of issues, both technical and procedural.

Preparing for the Examination

Here is a list of suggested resources to have available prior to taking the exam.

Employment History: Employment dates, job titles, organization names and addresses, names of supervisors or persons who can verify your job responsibilities, and phone numbers of persons listed above.

Education: School names and addresses, degrees earned, dates attended, courses taken (verifiable on a transcript), persons or office who can verify education, and phone numbers of persons or offices listed above.

Training: Class titles, certifications received, names of persons who can verify your training, and phone numbers of persons listed above.

Minimum Qualifications

All applicants must meet the education and/or experience requirements as stated on this exam bulletin to be accepted into the examination. Part-time or full-time jobs, regardless of whether paid or volunteer positions, and inside or outside California state service will count toward experience.

Experience applicable to one of the following patterns may be combined on a proportional basis with experience applicable to the other pattern to meet the total experience requirement. Please note: When combining patterns all experience converts to the largest experience requirement.

All Levels:

The following education is required when non-California state service experience is used to qualify at any level:

Education: Equivalent to graduation from college. (Additional experience may be substituted for the required education on year-for-year basis.)

Pattern I

One year of experience in the California state service performing electric generation duties in a class with a level of responsibility equivalent to that of Electric Generation System Specialist I.

OR

Pattern II

Experience: Four years of progressively responsible technical energy experience in electric generation system planning design, evaluation, or operation field, including three years of experience above the trainee level. A Master's Degree in Engineering, Environmental Sciences, Mathematics, Economics, Computer Sciences or other closely

related field, may be substituted for one year of the required experience. Individuals with two different recognized graduate degrees (each of which constitutes a full degree program in one of the areas shown above) may substitute this achievement for two years of experience.

(Experience in the California state service applied toward this requirement must include one year of energy experience in a class at a level of responsibility at least equivalent to Electric Generation System Specialist I.)

The Position

The Electric Generation System Program Specialist I is characterized by assignments which require a high degree of skill and are of a type not assigned to the Electric Generation System Specialist I level on a regular basis. Positions in this class are not supervisory.

Positions exist in Sacramento with the California Energy Commission.

Knowledge and Abilities

A. Knowledge of:

1. California Public Resources Code pertaining to energy conservation and development.
2. Design and operation of existing electrical generating facilities (nuclear, coal, oil, combustion, and hydro).
3. Advanced electrical generating technologies.
4. Environmental and economic aspects of various fuel types.
5. Generation expansion modeling techniques and approaches.
6. Electricity system planning and operations.
7. Power system economics alternative generation technologies.
8. Environmental consequences of generation facility construction and operation.

B. Ability to:

1. Evaluate alternative generation methods.
2. Develop viable resource plans and supply mix strategies.
3. Analyze environmental and economic impacts.
4. Evaluate utility proposed resource plans for compatibility with electrical demand forecast.
5. Design and use mathematical modeling techniques for use in generation system planning.
6. Develop and present oral and written testimony in resource planning and environmental impacts.

7. Analyze energy and electricity data and develop technical information both orally and in writing.
8. Consult with and advise Office Managers, Division Administrators and Commissioners on a wide variety of electric generation system planning subject-matter areas.
9. Coordinate the work of others.
10. Act as a team or conference leader.

Eligible List Information

A departmental open, merged eligible list will be established for the California Energy Commission. This examination will be administered on a continuous basis. The names of successful competitors will be merged onto the eligible list in order of final scores regardless of test dates. Eligibility expires 12 months after it is established.

Equal Opportunity Employer

The State of California is an equal opportunity employer to all, regardless of age, ancestry, color, disability (mental and physical), exercising the right of family care and medical leave, gender, gender expression, gender identity, genetic information, marital status, medical condition, military or veteran status, national origin, political affiliation, race, religious creed, sex (includes pregnancy, childbirth, breastfeeding, and related medical conditions), and sexual orientation.

Drug-Free Statement

It is an objective of the State of California to achieve a drug-free State work place. Any applicant for State employment will be expected to behave in accordance with this objective, because the use of illegal drugs is inconsistent with the law of the State, the rules governing civil service, and the special trust placed in public servants.

General Information

Examination and/or Employment Application (STD 678) forms are available at the California Department of Human Resources, local offices of the Employment Development Department, and through your [CalCareer Account](#).

If you meet the requirements stated on this examination bulletin, you may take this examination, which is competitive. Possession of the entrance requirements does not assure a place on the eligible list. Your performance in the examination described in this bulletin will be rated against a predetermined job-related rating, and all applicants who pass will be ranked according to their score.

The California Energy Commission reserves the right to revise the examination plan to better meet the needs of the service, if the circumstances under which this examination

was planned change. Such revision will be in accordance with civil service laws and rules and all applicants will be notified.

General Qualifications: Applicants must possess essential personal qualifications including integrity, initiative, dependability, good judgement, the ability to work cooperatively with others, and a state of health consistent with the ability to perform the assigned duties of the class. A medical examination may be required. In open examinations, investigation may be made of employment records and personal history and fingerprinting may be required.

Eligible Lists: Eligible lists established by competitive examination, regardless of date, must be used in the following order: 1) sub-divisional promotional, 2) departmental promotional, 3) multi-departmental promotional, 4) servicewide promotional, 5) departmental open, 6) open. When there are two lists of the same kind, the older must be used first. Eligible lists will expire in one to four years unless otherwise stated on the bulletin.

High School Equivalence: Equivalence to completion of the 12th grade may be demonstrated in any one of the following ways: 1) passing the General Education Development (GED) Test; 2) completion of 12 semester units of college-level work; 3) certification from the State Department of Education, a local school board, or high school authorities that the competitor is considered to have education equivalent to graduation from high school; or 4) for clerical and accounting classes, substitution of business college work in place of high school on a year-for-year basis.

Veteran's Preference: California law allows the granting of Veteran's Preference to any veteran, widow, or widower of a veteran, or spouse of a 100% disabled veteran who achieves a passing score in any Open examination to be ranked in the top rank of the resulting eligibility list. Directions to apply for Veteran's Preference are on the Veteran's Preference Application ([CalHR 1093](#)) which is available from Department of Human Resources at jobs.ca.gov/CalHRPublic/Landing/Jobs/VeteransInformation.aspx and the California Department of Veterans Affairs at www.calvet.ca.gov/home. Veteran's Preference is not granted once a person achieves permanent civil service status.



ELECTRIC GENERATION SYSTEM PROGRAM SPECIALIST I TRAINING AND EXPERIENCE EXAMINATION

HOW TO COMPLETE YOUR TRAINING & EXPERIENCE EXAMINATION:

- Read the instructions on the Training & Experience Examination carefully before you begin.
- Please note that your overall score will be determined solely by the information you provide on this Training & Experience Examination Information on your application will not be used to determine your final score.
- Please utilize the checklist below to complete the (2) two sections in the examination.
 - Section 1: Task Ratings**
 - **EXPERIENCE/EDUCATION:** Using the Experience/Education Scale, select the option that corresponds with the total number of years you have performed the item.
 - **FREQUENCY:** Using the Frequency Scale, select the option that corresponds with the number of times you have performed the item.
 - Section 2: Knowledge, Skills, and Abilities (KSAs) Ratings**
 - **EXPERIENCE/EDUCATION:** Using the Experience/Education Scale, select the option corresponds with the total number of years you have applied the item.
 - Signature**
 - Failure to include an original signature on page 3 of the examination may result in disqualification.

Note: This examination was reformatted in order to be compliant with the Americans with Disabilities Act (ADA) in March 2020. The items on this examination are the same as the previous version.

Name: _____

Please submit your completed Training & Experience Examination, along with a State Application (STD. 678) as follows:

Mail or hand deliver to:

California Energy Commission
Selection Services Office
715 P Street MS #52
Sacramento, CA 95814
(916) 653-6532

*If you are dropping off your examination documents in person, please place your documents in an envelope and label the envelope with the mailing address above.

File Electronically:

You may submit your Standard State Application (STD 678) and completed Training & Experience (T&E) examination to SelectionsOffice@energy.ca.gov

Please do not submit the forms with your social security number due to security reasons. Both documents require a signature (original or electronic) in order to be accepted. By submitting your signed application and examination documents to the email above, you are certifying the information is true and correct and you are the one completing and submitting the documents.

Read instructions carefully

The California civil service selection system is merit-based and eligibility for appointment is established through a formal examination process. The Electric Generation System Program Specialist I examination consists of a Training & Experience Examination used to evaluate your education, training, and experience. The eligible list resulting from this examination process will be used by the California Energy Commission to fill their existing positions.

This Training & Experience Examination will account for 100% of the weight of your examination for this classification. Therefore, please be sure to follow the instructions carefully.

Candidate's Name: _____

Social Security Number (Do not submit via email): _____

Address: _____

Home Phone Number: _____

Work Phone Number: _____

Cellular Phone Number: _____

Name: _____

CERTIFICATION – IMPORTANT – PLEASE READ CAREFULLY BEFORE SIGNING – if not signed, this examination may be disqualified.

Before a final score is determined, your responses to exam questions will be verified. An exams manager or personnel staff member may contact the individuals or educational institutions you have provided to confirm job dates, experience, duties, achievements, and/or possession of knowledge, skills, and abilities. Failure to provide adequate employment and/or education information may result in a low score or disqualification from this examination.

If it is determined at any time that you have made any false or inaccurate representations in any of the information you have provided on this examination, you may be disqualified from this process, removed from the certification list(s), suffer a loss of State employment, and/or suffer a loss of the right to compete in any future State of California hiring processes. You are solely responsible for the accuracy of the responses provided.

This warning has been provided to protect your rights as a job candidate as well as the rights of the department. Be advised that you are expected to answer truthfully and accurately.

I certify and understand that all statements I have made in this examination are true and complete to the best of my knowledge and contains no willful misrepresentation of falsifications. Failure to include original signature may result in disqualification.

Signature

Date

Name: _____

MINIMUM QUALIFICATIONS

Each candidate must meet the minimum qualifications on his/her application by the date it is received. If not, the candidate's application in the examination process will be rejected and his/her Training and Experience Examination will not be scored. Please ensure that your State Application (STD. 678) clearly indicates your education, experience, and licensure information reflective of the minimum qualifications for this examination process as stated below:

The following education is required when non-California state service experience is used to qualify at any level.

Equivalent to graduation from college. Additional experience may be substituted for the required education on a year-for-year basis.

Either I:

One year of experience in the California state service performing electric generation duties in a class with a level of responsibility equivalent to that of Electric Generation System Specialist I

Or II:

Experience: Four years of progressively responsible technical energy experience in electric generation system planning, design, evaluation, or operation field, including three years of experience above the trainee level. A Master's Degree in Engineering, Environmental Sciences, Mathematics, Economics, Computer Sciences or other closely related field may be substituted for one year of the required experience. Individuals with two different recognized graduate degrees (each of which constitutes a full degree program in one of the areas shown above) may substitute this achievement for two years of experience.

(Experience in the California State service applied toward this requirement must include one year of energy experience in a class at a level of responsibility at least equivalent to Electric Generation System Specialist I).

Name: _____

Section 1: Task Rating

Respond to each of the following items by indicating how the statement applies to you. Please reference any paid and/or unpaid experience (e.g., employment, training, education, volunteer work, etc.). You are required to respond to every question with **one** selected answer. Questions marked with more than one answer or left blank will be marked incorrect.

1.) Ensure information, analyses and policy concerns regarding electricity system planning and operation are integrated with the Energy Commission's policy directions and priorities using email, telephone, and a computer, and using this work to consult with and advise upper management under general direction of immediate management.

1a.) Which of the following BEST describes how many years of experience/training/education you have performing the above task? (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one years and up to three years
- D. More than six months and up to one year
- E. Zero to six months

1b.) How many times have you performed the above task? (Choose one)

- A. 10 or more times
- B. 6-9 times
- C. 2-5 times
- D. At least 1 time
- E. I have never performed this task

2.) Lead and participate as a subject matter expert on electricity system planning and operations in Energy Commission reports, such as the Integrated Energy Policy Report (IEPR); Consult with and advise upper management on subject areas including: economic benefit and cost effectiveness of electricity technologies (i.e., including new and emerging technologies associated with integrating advanced renewable resources, etc.), technologies that may increase the penetration of energy efficiency and energy storage, and/or the economic value of a variety of energy generation technologies to the overall California electricity supply, etc.

2a.) Which of the following BEST describes how many years of experience/training/education you have performing the above task? (Choose one)

- A. More than four years
- B. More than three years and up to four years
- C. More than two years and up to three years
- D. More than one year and up to two years
- E. One year or less

Name: _____

2b.) How many times have you performed the above task? (Choose one)

- A. 10 or more times
- B. 6-9 times
- C. 2-5 times
- D. At least 1 time
- E. I have never performed this task

3.) Independently plan, organize, and conduct economic and cost analyses of electricity technologies and alternative electric generation methods using email, telephone, and a computer, and using this work to consult with and advise upper management under general direction of immediate management.

3a.) Which of the following BEST describes how many years of experience/training/education you have performing the above task? (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one years and up to three years
- D. More than six months and up to one year
- E. Zero to six months

3b.) How many times have you performed the above task? (Choose one)

- A. 10 or more times
- B. 6-9 times
- C. 2-5 times
- D. At least 1 time
- E. I have never performed this task

4.) Independently plan, organize, and conduct technical and economic analyses of infrastructure needs for electric generation, transmission, and distribution for California under various policy, economic, and regulatory environments.

4a.) Which of the following BEST describes how many years of experience/training/education you have performing the above task? (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one years and up to three years
- D. More than six months and up to one year
- E. Zero to six months

4b.) How many times have you performed the above task? (Choose one)

- A. 10 or more times
- B. 6-9 times
- C. 2-5 times
- D. At least 1 time
- E. I have never performed this task

Name: _____

5.) Monitor regulatory proceedings that affect electricity system infrastructure and markets, including the California Public Utilities Commission (CPUC), California Air Resources Board (CARB), California Independent System Operator (CAISO), California Energy Commission (CEC) and Federal Energy Regulatory Commission (FERC) in order to provide pertinent regulatory information on electricity system planning and operation to staff, managers, and Commissioners using a personal computer.

5a.) Which of the following BEST describes how many years of experience/training/education you have performing the above task? (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one years and up to three years
- D. More than six months and up to one year
- E. Zero to six months

5b.) How many times have you performed the above task? (Choose one)

- A. 10 or more times
- B. 6-9 times
- C. 2-5 times
- D. At least 1 time
- E. I have never performed this task

6.) Coordinate energy system modeling with other agency staff to verify that accurate and up to date data is being used and that lessons learned are being shared.

6a.) Which of the following BEST describes how many years of experience/training/education you have performing the above task? (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one years and up to three years
- D. More than six months and up to one year
- E. Zero to six months

6b.) How many times have you performed the above task? (Choose one)

- A. 10 or more times
- B. 6-9 times
- C. 2-5 times
- D. At least 1 time
- E. I have never performed this task

Name: _____

7.) Develop working relationships with individuals at other, state, local and federal agencies, (e.g., California Independent System Operator [CAISO], California Air Resources Board [CARB], California Public Utilities Commission [CPUC], Federal Energy Regulatory Commission [FERC], Department of Energy [DOE], etc.) grid operators, and utilities on the structure and performance of the electricity system to ensure analytical rigor of analyses, to conduct and/or review technical analysis and develop findings and recommendations, and to coordinate program activities and analysis with other regulatory agencies to ensure active inter-agency participation in Energy Commission proceedings and stakeholder processes.

7a.) Which of the following BEST describes how many years of experience/training/education you have performing the above task? (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one years and up to three years
- D. More than six months and up to one year
- E. Zero to six months

7b.) How many times have you performed the above task? (Choose one)

- A. 10 or more times
- B. 6-9 times
- C. 2-5 times
- D. At least 1 time
- E. I have never performed this task

8.) Independently plan, organize, and implement methodologies to develop projections of future electricity system operations and costs, accounting for the effects of developments in state energy policies and regulations, energy markets, economic conditions, and electricity demand and using this work to consult with and advise upper management under general direction of immediate management.

8a.) Which of the following BEST describes how many years of experience/training/education you have performing the above task? (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one years and up to three years
- D. More than six months and up to one year
- E. Zero to six months

8b.) How many times have you performed the above task? (Choose one)

- A. 10 or more times
- B. 6-9 times
- C. 2-5 times
- D. At least 1 time
- E. I have never performed this task

Name: _____

9.) Advise Commissioners, management, staff, legislative bodies, and the public on legislation, policy, and electric industry trends related to electric system planning and operations by preparing and providing briefings using presentations, charts and graphs, and memos under general direction of immediate management.

9a.) Which of the following BEST describes how many years of experience/training/education you have performing the above task? (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one years and up to three years
- D. More than six months and up to one year
- E. Zero to six months

9b.) How many times have you performed the above task? (Choose one)

- A. 10 or more times
- B. 6-9 times
- C. 2-5 times
- D. At least 1 time
- E. I have never performed this task

10.) Analyzes and evaluates GHG emission issues associated with the electricity system including emission factors, targets, and markets; and/or work in interdisciplinary and interdivisional teams to gather information, develop, and document GHG emission metrics used for statewide electricity system planning.

10a.) Which of the following BEST describes how many years of experience/training/education you have performing the above task? (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one years and up to three years
- D. More than six months and up to one year
- E. Zero to six months

10b.) How many times have you performed the above task? (Choose one)

- A. 10 or more times
- B. 6-9 times
- C. 2-5 times
- D. At least 1 time
- E. I have never performed this task

Name: _____

11.) Independently plan, organize, and implement methodologies to develop projections of future electricity system operations and costs, accounting for the effects of developments in state energy policies and regulations, energy markets, economic conditions, and electricity demand and using this work to consult with and advise upper management under general direction of immediate management.

11a.) Which of the following BEST describes how many years of experience/training/education you have performing the above task? (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one years and up to three years
- D. More than six months and up to one year
- E. Zero to six months

11b.) How many times have you performed the above task? (Choose one)

- A. 10 or more times
- B. 6-9 times
- C. 2-5 times
- D. At least 1 time
- E. I have never performed this task

12.) Serve as the Energy Commission subject matter expert on electricity system planning and operations and represent the Energy Commission in agency forums and proceedings, including the California Public Utilities Commission, California Independent System Operator, California Air Resources Board, and other local, state, or federal agencies.

12a.) Which of the following BEST describes how many years of experience/training/education you have performing the above task? (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one years and up to three years
- D. More than six months and up to one year
- E. Zero to six months

12b.) How many times have you performed the above task? (Choose one)

- A. 10 or more times
- B. 6-9 times
- C. 2-5 times
- D. At least 1 time
- E. I have never performed this task

Name: _____

13.) Compile data into datasets, independently or in collaboration with the other technical staff, and undertake analysis of quantitative data; Provide written and/or oral summaries of findings and conclusions for other technical staff and management; Work with staff responsible for website administration and maintenance to keep the web pages that contain data and summary statistics up to date and easily accessible.

13a.) Which of the following BEST describes how many years of experience/training/education you have performing the above task? (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one years and up to three years
- D. More than six months and up to one year
- E. Zero to six months

13b.) How many times have you performed the above task? (Choose one)

- A. 10 or more times
- B. 6-9 times
- C. 2-5 times
- D. At least 1 time
- E. I have never performed this task

14.) Assess techniques for incorporating cost, operational characteristics, and environmental information within electricity modeling, such as production cost or capacity expansion models, for the general public, planners and decision makers to consider when analyzing infrastructure needs and alternatives.

14a.) Which of the following BEST describes how many years of experience/training/education you have performing the above task? (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one years and up to three years
- D. More than six months and up to one year
- E. Zero to six months

14b.) How many times have you performed the above task? (Choose one)

- A. 10 or more times
- B. 6-9 times
- C. 2-5 times
- D. At least 1 time
- E. I have never performed this task

Name: _____

15.) Plan, organize and conduct analyses related to economic impacts and risks associated with generation portfolios and alternative generation resources (e.g., energy efficiency, demand response, distributed generation, and energy storage, etc.) and using this work to consult with and advise upper management under general direction of immediate management.

15a.) Which of the following BEST describes how many years of experience/training/education you have performing the above task? (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one years and up to three years
- D. More than six months and up to one year
- E. Zero to six months

15b.) How many times have you performed the above task? (Choose one)

- A. 10 or more times
- B. 6-9 times
- C. 2-5 times
- D. At least 1 time
- E. I have never performed this task

16.) Interpret trends and frame what the electric system is likely to look like in the future and identify improvements needed to the electric system to best capture cost reductions, and system reliability benefits that achieve the State's energy policy goals, greenhouse gas emission reduction goals, and adaption/resilience of California's electricity system to climate change.

16a.) Which of the following BEST describes how many years of experience/training/education you have performing the above task? (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one years and up to three years
- D. More than six months and up to one year
- E. Zero to six months

16b.) How many times have you performed the above task? (Choose one)

- A. 10 or more times
- B. 6-9 times
- C. 2-5 times
- D. At least 1 time
- E. I have never performed this task

Name: _____

Section 2: Knowledge, Skills, and Abilities (KSAs) Ratings

Respond to each of the following items by indicating how the statement applies to you. Please reference any paid and/or unpaid experience (e.g., employment, training, education, volunteer work, etc.). You are required to respond to every question with **one** selected answer. Questions marked with more than one answer or left blank will be marked incorrect.

17.) Skill to work independently to complete work activities with minimal supervision and prioritize work tasks according to short-term demands and long-term goals and objectives. I have applied this skill for: (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one year and up to three years
- D. More than six months and up to one year
- E. Zero to six months

18.) Ability to understand and follow oral and written instructions for the completion of work tasks. I have applied this ability for: (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one year and up to three years
- D. More than six months and up to one year
- E. Zero to six months

19.) Ability to facilitate work products that are accurate, objective, timely, and useful in completing the Energy Commission's responsibilities. I have applied this ability for: (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one year and up to three years
- D. More than six months and up to one year
- E. Zero to six months

20.) Ability to act as a project lead and coordinate the work of others within and outside of the Energy Commission. I have applied this ability for: (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one year and up to three years
- D. More than six months and up to one year
- E. Zero to six months

Name: _____

21.) Skill to prepare and deliver public presentations. I have applied this skill for: (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one year and up to three years
- D. More than six months and up to one year
- E. Zero to six months

22.) Skill to work effectively as part of a group to complete work tasks and assignments collaboratively. I have applied this skill for: (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one year and up to three years
- D. More than six months and up to one year
- E. Zero to six months

23.) Ability to synthesize and communicate complex technical information in a simple format for the general public. I have applied this ability for: (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one year and up to three years
- D. More than six months and up to one year
- E. Zero to six months

24.) Knowledge of state policy driving changes to the electric grid. I have applied this knowledge for: (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one year and up to three years
- D. More than six months and up to one year
- E. Zero to six months

25.) Knowledge of generation technology operational characteristics. I have applied this knowledge for: (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one year and up to three years
- D. More than six months and up to one year
- E. Zero to six months

Name: _____

26.) Knowledge of technological issues affecting grid operations and system planning. I have applied this knowledge for: (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one year and up to three years
- D. More than six months and up to one year
- E. Zero to six months

27.) Knowledge of regional and national energy policy. I have applied this knowledge for: (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one year and up to three years
- D. More than six months and up to one year
- E. Zero to six months

28.) Knowledge of environmental consequences of operating conventional and alternative electrical generating facilities. I have applied this knowledge for: (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one year and up to three years
- D. More than six months and up to one year
- E. Zero to six months

29.) Knowledge of balancing authorities and electricity system reliability requirements. I have applied this knowledge for: (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one year and up to three years
- D. More than six months and up to one year
- E. Zero to six months

30.) Ability to perform objective analyses. I have applied this ability for: (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one year and up to three years
- D. More than six months and up to one year
- E. Zero to six months

Name: _____

31.) Skill to research, collect, and organize complex data and information and perform varied, difficult, and complex technical analyses. I have applied this skill for: (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one year and up to three years
- D. More than six months and up to one year
- E. Zero to six months

32.) Skill to use a computer and appropriate software, such as spreadsheet and database software to input, store, organize, and process data and information. I have applied this skill for: (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one year and up to three years
- D. More than six months and up to one year
- E. Zero to six months

33.) Ability to learn and operate analytical models. I have applied this ability for: (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one year and up to three years
- D. More than six months and up to one year
- E. Zero to six months

34.) Ability to edit analytical results prepared by contractor or staff. I have applied this ability for: (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one year and up to three years
- D. More than six months and up to one year
- E. Zero to six months

35.) Ability to develop projections of components of future electricity system costs and operations. I have applied this ability for: (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one year and up to three years
- D. More than six months and up to one year
- E. Zero to six months

Name: _____

36.) Knowledge of proper spelling, grammar, punctuation, and sentence structure to ensure that written materials meet Energy Commission standards for written material. I have applied this knowledge for: (Choose one)

- A. More than five years
- B. More than three years and up to five years
- C. More than one year and up to three years
- D. More than six months and up to one year
- E. Zero to six months