



SENIOR WATER AND POWER DISPATCHER

EXAM CODE: 6WRAB
EXAM TYPE: OPEN/NON-PROMOTIONAL/CONTINUOUS
LOCATION: SACRAMENTO COUNTY
SALARY INFORMATION: RANGE A: \$8141 - \$10101
RANGE S: \$8648 - \$10540
CLASS & SCHEM CODE: 6466 PK87



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EQUAL OPPORTUNITY & DRUG FREE STATEMENTS

The State of California is an equal opportunity employer to all, regardless of age, ancestry, color, disability (mental and physical), exercising the right to 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. It is the objective of the State of California to achieve a drug-free 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.

CONTINUOUS TESTING

Testing is considered continuous as Examination Applications (STD 678) will be accepted on a continuous basis and cut-off dates can be set at any time as departmental needs warrant. Cut-off dates will be announced on the "Notice of to Announce Cut-off Date." Applications postmarked or submitted in person after 4:30pm on the cut-off date will be held until the next administration. Dates printed on Mobile Bar Codes, such as the Quick Response (QR) Codes available at the USPS, are not considered Postmark dates for the purpose of determining timely filing of an application. Faxed or emailed applications will not be accepted.

WHO SHOULD APPLY

Candidates who meet the minimum qualifications of the classification, as stated on this examination bulletin, may apply.

HOW TO APPLY

Examination Applications must have an original signature. It is the personal responsibility of each examination candidate to submit their application materials within the timeframe and in the manner specified on this examination bulletin. Examination Applications (STD 678) may be mailed or submitted in person by the final filing date to:

MAILING ADDRESS:

Department of Water Resources
P.O. Box 942836
Sacramento, CA 94236-0001

OR

SUBMIT IN PERSON:

Department of Water Resources
1416 9th Street, Room 320
Sacramento, CA 95814

DO NOT MAIL OR SUBMIT APPLICATIONS TO THE CALIFORNIA DEPARTMENT OF HUMAN RESOURCES OR DEPARTMENT OF WATER RESOURCES' FIELD OFFICES. Applications are available at Department of Water Resources' (DWR) offices, the DWR website: www.water.ca.gov/jobs/currentexams.cfm, local office of the Employment Development Department, the California Department of Human Resources (CalHR), and their website: www.jobs.ca.gov.



IDENTIFICATION REQUIRED

Accepted applicants are required to bring either a photo identification card or two forms of signed identification to each phase of the examination.

SPECIAL TESTING INFORMATION

If you have a disability and need special testing arrangements, mark the appropriate box in Question 2 of the Examination Application (STD 678). You will be contacted to make specific arrangements.

ELIGIBLE LIST INFORMATION

An open/ non-promotional eligible list will be established for the Department of Water Resources.

Successful competitors will be merged onto the list in order of final score, regardless of date. The successful competitors' list eligibility will expire 12 months after it is established unless the needs of the service and conditions of the list warrant a change in this period. Competitors must then retest to re-establish eligibility.

TESTING PERIOD

Competitors may test only once during a 10 month period.

EXAMINATION INFORMATION

This examination will consist of a **Written Test weighted 100%**. In order to obtain a position on the eligible list, a minimum rating of 70% must be attained. Competitors who do not appear for the written test will be disqualified.

POSITION DESCRIPTION

Under direction of a Program Water and Power Dispatcher, supervises the real-time centralized dispatching operation of the State Water Project; implementation of daily water and power preschedules for State Water Project operations; develops application software plans; and does other related work.

REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION

All applicants must meet the minimum qualifications for this examination by the final filing date.

Qualifying experience may be combined on a proportionate basis if the requirements stated below include more than one pattern and are distinguished as "Either" I, "or" II, "or" III, etc. For example, candidates possessing qualifying experience amounting to 50% of the required time of Pattern I, and additional experience amounting to 50% of the required time of Pattern II, may be admitted to an examination as meeting 100% of the overall experience requirement.

Either I

Two years of experience in the California state service performing the duties of a Water and Power Dispatcher.

Or II

Five years of experience as a shift dispatcher responsible for the overall operation of the substations, generating or pumping plants and either:

- 1.The transmission systems of a power utility with a minimum of 700 megawatt of installed hydroelectric, pumped storage and/or thermal generating capacity. or
- 2.The reservoirs and aqueducts of a water utility with a minimum of 250,000 horsepower of installed pumping plant capacity.



SCOPE OF EXAMINATION

In addition to evaluating the competitors' relative abilities as demonstrated by the quality and breadth of experience, emphasis in the examination will be on measuring competitively, relative to job demands, each competitor's:

Knowledge of:

- 1) Principles of electric power generation and distribution.
- 2) Features of automatic generation control.
- 3) Capacities and operating characteristics of all hydroelectric generating and pumping plants in the State Water Project system.
- 4) Location, capacity, switching points on power transmission systems within and related to the State system.
- 5) Procedures to follow in emergencies.
- 6) Capabilities of other interconnecting power agencies.
- 7) Sources and contractual limitations of available power and water.
- 8) Protective systems and their operation.
- 9) Switching procedure.
- 10) Operation and routing of water through aqueduct, pumping plant, hydroelectric power plant, reservoir, check gate, and turnout system.
- 11) Water and power metering devices and systems.
- 12) Digital computer equipment used in scheduling of project operations.
- 13) Principles of hydraulics and operation of water storage, conveyance and distribution systems.
- 14) Operation and application of communication systems and data link equipment used in the State Water Project.
- 15) Interconnected power system operation as it applies to benefits, obligations, responsibilities, authority, frequency, interchange, reservoirs, mutual assistance and communication.
- 16) Modern power system control aids.
- 17) Theory and use of application programs in normal and emergency operation.
- 18) Alternative control methods during equipment and program unavailability.
- 19) Principles of effective supervision.

Ability to:

- 1) Read, write and communicate English at a level required for successful job performance.
- 2) Operate automated control systems.
- 3) Plan and direct the work of others.
- 4) Analyze situations quickly and accurately and take effective action.
- 5) Write reports.
- 6) Train subordinate personnel.

SPECIAL PERSONAL CHARACTERISTICS

Normal hearing.

ADDITIONAL DESIRABLE QUALIFICATIONS

Education equivalent to completion of the twelfth grade.

VETERANS PREFERENCE

Assembly Bill 372, signed into law by Governor Brown on August 12, 2013, changes the way the Veterans Preference process is administered by the State of California. Veterans Preference will be awarded as follows, starting on January 1, 2014: 1) Any veteran, widow or widower of a veteran, or spouse of a 100 percent disabled veteran, who achieves a passing score in an entrance examination, shall be ranked in the top rank of the resulting eligibility list. Any veteran who has been dishonorably discharged or released is not eligible for Veteran's Preference. 2) An entrance exam is defined, under law, as any open competitive examination 3) Veterans Preference is not granted once a person achieves permanent civil service status.

The California Department of Human Resources (CalHR) has information on how to apply for Veterans Preference on their website at www.jobs.ca.gov and on the Application for Veterans Preference form (CalHR 1093). Additional information is also available at the Department of Veterans Affairs website at www.cdva.ca.gov.



CAREER CREDITS

Career Credits will be granted.

GENERAL INFORMATION

The Department of Water Resources 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 competitors will be notified.

For an examination with a written feature, it is the candidate's responsibility to contact the Department of Water Resources seven days prior to the test date if he/she has not received his/her notice. For an examination without a written feature it is the candidate's responsibility to contact the Department of Water Resources at (916) 653-4838, TDD (916) 653-1804, three weeks after the final filing/cut-off date if he/she has not received his/her notice.

Applications are available at Department of Water Resources' (DWR) offices, the DWR website:

www.water.ca.gov/jobs/currentexams.cfm, local office of the Employment Development Department, and California Human Resources (CalHR) at www.jobs.ca.gov.

If you meet the requirements stated on the reverse, you may take this examination, which is competitive. Possession of the entrance requirement does not assure a place on the eligible list. All candidates who pass will be ranked according to their scores.

General Qualifications: Candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment, and ability to work cooperatively with others; and a state of health consistent with the ability to perform the assigned duties of the classification.

Examination Locations: When a written or performance test is part of the examination, it will be given in such places in California as the number of candidates and conditions warrant. Ordinarily, qualifications appraisal interviews are scheduled in Sacramento and Los Angeles. However, locations of interviews may be limited or extended as conditions warrant.

If a candidate's notice of oral interview fails to reach him/her prior to the day of the interview due to a verified postal error, he/she will be rescheduled upon written request.

Eligible Lists: Eligible lists established by competitive examination, regardless of date, must be used in the following order: 1) subdivisional promotional, 2) departmental promotional, 3) multidepartmental promotional, 4) servicewide promotional, 5) departmental open, 6) open eligible list. 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 this bulletin. In the case of continuous testing examinations, names are merged into the appropriate lists in order of final test scores (except as modified by veterans preference credits) regardless of the date of the test, and the resulting eligible lists will be used only to fill vacancies in the area shown on the bulletin.

Promotional Examinations Only: Competition is limited to employees who have a permanent civil service appointment. Under certain circumstances other employees may be allowed to compete under provisions of Rules 234, 235, 235.2. State Personnel Board Rules 233, 234, 235, 235.2 and 237 contain provisions regarding civil service status and eligibility for promotional examinations. These rules may be reviewed at departmental personnel offices or at the Information Counter of State Personnel Board offices.

TDD is Telecommunications Device for the Deaf and is reachable only from phones equipped with a TDD Device. **California Relay Telephone Service** for the Deaf or hearing impaired: From TDD phones: 1-800-735-2929; From Voice phones: 1-800-735-2922.

CONTACT INFORMATION

For information regarding this examination, please contact Exam Analyst at (916) 653-4838.