



## PROGRAM WATER AND POWER DISPATCHER

**EXAM CODE:** 2WRAH  
**EXAM TYPE:** OPEN/CONTINUOUS  
**LOCATION:** SACRAMENTO COUNTY  
**SALARY INFORMATION:** \$10317 - \$11598  
**CLASS & SCHEM CODE:** 6459 PK86



Scan Me!

### 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 FILING

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 CAN 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 cut-off 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](http://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](http://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 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 18 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 12 month period.

## EXAMINATION INFORMATION

This examination will consist of a Qualification Appraisal Interview weighted 100%. In order to obtain a position on the eligible list, a minimum rating of 70% must be attained in the examination. Competitors who do not appear for the interview will be disqualified.

## POSITION DESCRIPTION

Under general direction of the Chief Water and Power Dispatcher, acts as program dispatcher in charge of equipment outages; pre-scheduling of water and power use and the buying and selling of energy, or overall control board dispatching function as Supervisor of the Project Operations Center and does other related work.

## REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION

All applicants must meet the minimum qualifications for this examination by the cut-off 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

One year of experience in the California state service performing the duties of a Senior Water and Power Dispatcher.

### Or II

Three years of experience as a supervisor of a water and power dispatching operation.

## 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, transmission, and distribution.
2. Principles of hydraulics in open channels, pipelines, tunnels and pumping plants.
3. Capacities and operating characteristics of all generating and pumping plants, aqueducts, and facilities of the State Water Project.
4. Location, capacity, switching points on power transmission systems within and related to the State Water Project.
5. State Water Project emergency operations including flood, earthquake transmission and other related events.
6. Program dispatching functions.
7. Sources and contractual limitations of available power and water.



8. Protective systems and their operation.
9. Switching procedures.
10. Operation and routing of water through aqueducts, pumping plants, hydroelectric power plants, reservoirs, check gates, and turnout systems.
11. Principles and practices of State Water Project load planning and power scheduling and settlements with California Independent System Operator (CAISO).
12. Water and power metering devices and systems.
13. Both off-line and on-line real-time digital computer system operation.
14. Operation of water storage, conveyance, and distribution systems.
15. Operation and use of communications, control and data link systems used in the State Water Project.
16. Principles of supervision and budgeting.
17. The department's Equal Employment Opportunity Program objectives.
18. A supervisor's role in the Equal Employment Opportunity Program, and the processes available to meet equal employment opportunity objectives.

**Ability to:**

1. Read and write English at a level required for successful job performance.
2. Direct the operation and water and power system.
3. Operate automated control systems.
4. Plan and direct the work of others.
5. Prepare budgets.
6. Write reports.
7. Interpret procedures, orders and directives.
8. Analyze situations quickly and accurately and take effective action.
9. Supervise and train subordinate personnel.
10. Establish and maintain effective cooperative relations with those contacted in the work.
11. Effectively contribute to the department's equal employment opportunity objectives.

**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](http://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](http://www.cdva.ca.gov).

**CAREER CREDITS**

Career Credits are not granted in open or promotional examinations.

**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.



## State of California, Department of Water Resources ~ Examination Bulletin

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

[www.water.ca.gov/jobs/currentexams.cfm](http://www.water.ca.gov/jobs/currentexams.cfm), local office of the Employment Development Department, and California Human Resources (CalHR) at [www.jobs.ca.gov](http://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 Selection Services at (916) 653-4838.