

**POWER ENGINEERING MANAGER (9453)
TASK LIST 2019**

1. Serves as the manager or assistant manager of a division, major section, or major project of the Power System of the Department of Water and Power (LADWP), and acts as an advisor to the General Manager or to an Assistant General Manager in order to increase the safety and reliability of the Power System's infrastructure.
2. Directs or assists in directing the overall planning, organization, staffing, direction and control of the operations and functions of the Power System in order to ensure the timely completion of major projects and programs in a cost effective manner.
3. Performs difficult and responsible professional engineering and administrative work in managing the planning and the preparation of plans, design specifications, contracts, budgets, legislative reports and procedures for the various components of the energy resource generation, transmission, distribution, construction, maintenance, and operation activities of the LADWP such as emerging technologies in order to create a dynamic organization that addresses sustainability goals.
4. Applies sound supervisory and management principles and techniques in building and maintaining an effective workforce in order to ensure optimal staffing and maximize coordination and efficiency.
5. Fulfills equal employment opportunity responsibilities.
6. Represents LADWP before the Board of Water and Power Commissioners, other City agencies, department, and the public.
7. Directs engineering groups performing long range forecasts of electrical load and peak demand requirements.
8. Directs the preparation of resource plans of the Power System in order to guide development of Power System projects and programs to meet the requirements of state regulations and the Los Angeles Mayor's Green New Deal.
9. Directs the preparation and revision of engineering analyses, reports, and schedules related to Power System design, construction, and commissioning.
10. Coordinates the execution of design, construction, commissioning work for approved plans in order to implement Power System Projects.
11. Directs procurement of materials and equipment, and services for construction, maintenance, and operation of Power System Facilities.

12. Directs the preparation of designs, specifications, cost estimates, contracts, procedures, and special studies for inspection, repair, and testing of energy systems, generation systems, construction equipment, and the extension of overhead and underground transmission and distribution systems.
13. Implements decisions and recommendations of the Power System Managers relating to matters such as budgeting, personnel, and technical and administrative matters of major design, construction, maintenance, improvement, operation, customer services, load forecasts, planning and resource development.
14. Directs a division, section, or subsection involved in the planning, design, construction, operation, maintenance, laboratory testing, research or other engineering activities in order to achieve Power System goals.
15. Makes field inspections of construction projects and/or electric facilities including hydro-electric, steam generating, substations, solar, wind, storage, energy transmission and distribution facilities.
16. Analyzes and directs the preparation of cost and work progress reports for the purpose of determining the efficiency of present operations and the economic feasibility of proposed construction and operations of Power System facilities.
17. Prepares, with staff support, the annual budget and staffing plan for a division, section, or subsection to deliver major programs and projects.
18. Coordinates environmental and regulatory matters with Department personnel and outside agencies and organizations such as neighborhood councils in order to negotiate project requirements.
19. Coordinates with Financial Services to establish rates and rate structures, and obtain approval through City governance for initiatives such as renewable portfolio standards in order to limit rate impact.
20. Directs the activities of operating engineering personnel involved in contract administration, scheduling, energy resource marketing, fuel studies, and coordination with other utilities in order to ensure availability of adequate resources.
21. Directs the planning, design, construction, operation, and maintenance of the communication system for DWP in order to ensure reliable communications.

22. Plans, coordinates, and directs the activities of the Power System Testing Laboratories and Technical Services Section such as relay testing, diagnostics, and new installations in order to ensure reliable operation of the Power System.
23. Serves on management and advisory committees established to administer and operate jointly owned power generation and transmission facilities such as IPP (Intermountain Power Project), Palo Verde Nuclear Generating Station, and others.
24. Confers with other agencies and utilities on matters concerning energy interchange, energy contracts and the integration of electric energy.
25. Confers with officials of the City on matters of mutual interest and concerns, such as disaster response, budget reports, customer service, legislative matters affecting DWP, annual and special reports, and right-of-way proceedings in order to ensure stakeholder input.
26. Presents testimony before commissions, regulatory agencies, interest groups or utility groups regarding concerns with Power System projects and programs.
27. Directs or assists in directing the development of regulations, ordinances and agreements for the Power System.
28. May act as assistant to higher level managers in planning and directing major organization activities in order to ensure the delivery of Power System programs and projects.
29. Coordinates the review of city, state, and federal legislative matters of interest to DWP.
30. Directs the preparation of reports to inform management and the Board of opinions, positions, purposes and actions of governmental authorities, agencies, and various interest groups such as neighborhood city councils in order to ensure transparency.
31. Directs important design, construction, operation, maintenance or commissioning activity of a division, section, or subsection in order to deliver Power System programs and projects.
32. Confers with engineering and construction supervisors and managers in connection with the planning and organizing of construction projects in order to ensure timely completion of such projects.

33. Coordinates with planning, engineering, construction, maintenance, operations, and commissioning organizations in order to ensure timely completion of projects that impact the resiliency of the Power System.
34. Makes field inspections of construction projects and operation and maintenance facilities in order to ensure safe work practices and timely completion of such projects.
35. Directs and coordinates the activities of several groups engaged in engineering design and technical research pertaining to the construction and operation of overhead and underground facilities and directs activities relating to the improvement of operating methods in order to ensure the efficiency and performance of the Power System.
36. Directs and plans the activities of a staff group involved in regulatory compliance or the setting of standards and procedures and the performance of audits required for quality assurance, efficiency improvement, and best practices.
37. Administers DWP's fuel supply program including acquisition, price risk management, transportation, storage, inventory control, and contract management.

TASK-COMPETENCY LINKAGE

| TASK | 3 | 8 | 20 | 33 | 52 | 53 | 56 | 59 |
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| 1. Serves as the manager or assistant manager of a division, major section, or major project of the Power System of the Department of Water and Power (LADWP), and acts as an advisor to the General Manager or to an Assistant General Manager in order to increase the safety and reliability of the Power System's infrastructure. | X | X | X | X | | X | X | X |
| 2. Directs or assists in directing the overall planning, organization, staffing, direction and control of the operations and functions of the Power System in order to ensure the timely completion of major projects and programs in a cost effective manner. | X | X | X | X | X | X | | X |
| 3. Performs difficult and responsible professional engineering and administrative work in managing the planning and the preparation of plans, design specifications, contracts, budgets, legislative reports and procedures for the various components of the energy resource generation, transmission, distribution, construction, maintenance, and operation activities of the LADWP such as emerging technologies in order to create a dynamic organization that addresses sustainability goals. | X | X | X | X | X | X | X | X |
| 4. Applies sound supervisory and management principles and techniques in building and maintaining an effective workforce in order to ensure optimal staffing and maximize coordination and efficiency. | X | | X | X | X | X | X | X |
| 5. Fulfills equal employment opportunity responsibilities. | | | X | X | | X | | |
| 6. Represents LADWP before the Board of Water and Power Commissioners, other City agencies, department, and the public. | X | | X | X | | X | X | X |
| 7. Directs engineering groups performing long range forecasts of electrical load and peak demand requirements | X | | X | X | X | X | X | X |
| 8. Directs the preparation of resource plans of the Power System in order to guide | X | | X | X | X | X | | X |

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| development of Power System projects and programs to meet the requirements of state regulations and the L.A. Mayor's Green New Deal. | | | | | | | | |
| 9. Directs the preparation and revision of engineering analyses, reports, and schedules related to Power System design, construction, and commissioning. | X | X | X | X | X | X | | X |
| 10. Coordinates the execution of design, construction, and commissioning work for approved plans in order to implement Power System Projects. | X | X | X | X | X | X | | |
| 11. Directs procurement of materials and equipment, and services for construction, maintenance, and operation of Power System Facilities. | X | X | X | X | X | X | X | |
| 12. Directs the preparation of designs, specifications, cost estimates, contracts, procedures, and special studies for inspection, repair, and testing of energy systems, generation systems, construction equipment, and the extension of overhead and underground transmission and distribution systems. | X | X | X | X | X | X | | |
| 13. Implements decisions and recommendations of the Power System Managers relating to matters such as budgeting, personnel, and technical and administrative matters of major design, construction, maintenance, improvement, operation, customer services, load forecasts, planning and resource development. | X | X | X | X | X | X | X | |
| 14. Directs a division, section, or subsection involved in the planning, design, construction, operation, maintenance, laboratory testing, research or other engineering activities in order to achieve Power System goals. | X | X | X | X | X | X | X | X |
| 15. Makes field inspections of construction projects and/or electric facilities including hydro-electric, steam generating, substations, solar, wind, storage, energy transmission and distribution facilities. | X | X | X | X | X | X | | |
| 16. Analyzes and directs the preparation of cost and work progress reports for the purpose of determining the efficiency of present | X | | X | X | X | X | X | X |

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| operations and the economic feasibility of proposed construction and operations of Power System facilities. | | | | | | | | |
| 17. Prepares, with staff support, the annual budget and staffing plan for a division, section, or subsection to deliver major programs and projects. | X | | X | X | X | X | | X |
| 18. Coordinates environmental and regulatory matters with Department personnel and outside agencies and organizations such as neighborhood councils in order to negotiate project requirements. | X | | X | X | X | X | X | X |
| 19. Coordinates with Financial Services to establish rates and rate structures, and obtain approval through City governance for initiatives such as renewable portfolio standards in order to limit rate impact. | X | | X | X | | X | X | X |
| 20. Directs the activities of operating engineering personnel involved in contract administration, scheduling, energy resource marketing, fuel studies, and coordination with other utilities in order to ensure availability of adequate resources. | X | | X | X | X | X | X | X |
| 21. Directs the planning, design, construction, operation, and maintenance of the communication system for DWP in order to ensure reliable communications. | X | X | X | X | X | X | | |
| 22. Plans, coordinates, and directs the activities of the Power System Testing Laboratories and Technical Services Section such as relay testing, diagnostics, and new installations in order to ensure reliable operation of the Power System.(| X | X | X | X | | X | X | X |
| 23. Serves on management and advisory committees established to administer and operate jointly owned power generation and transmission facilities such as IPP (Intermountain Power Project), Palo Verde Nuclear Generating Station, and others. | X | X | X | X | | X | X | X |
| 24. Confers with other agencies and utilities on matters concerning energy interchange, energy contracts and the integration of electric energy. | X | | X | X | | X | X | |
| 25. Confers with officials of the City on matters of mutual interest and concerns, such as disaster response, budget reports, customer | X | | X | X | | X | X | X |

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| service, legislative matters affecting DWP, annual and special reports, and right-of-way proceedings in order to ensure stakeholder input. | | | | | | | | |
| 26. Presents testimony before commissions, regulatory agencies, interest groups or utility groups regarding concerns with Power System projects and programs. | X | | X | X | | X | X | X |
| 27. Directs or assists in directing the development of regulations, ordinances and agreements for the Power System. | X | | X | X | X | X | X | X |
| 28. May act as assistant to higher level managers in planning and directing major organization activities in order to ensure the delivery of Power System programs and projects. | X | | X | X | X | X | X | X |
| 29. Coordinates the review of city, state, and federal legislative matters of interest to DWP. | X | X | X | X | X | X | X | X |
| 30. Directs the preparation of reports to inform management and the Board of opinions, positions, purposes and actions of governmental authorities, agencies, and various interest groups such as neighborhood city councils in order to ensure transparency. | X | | X | X | X | X | X | X |
| 31. Directs important design, construction, operation, maintenance or commissioning activity of a division, section, or subsection in order to deliver Power System programs and projects. | X | X | X | X | X | X | X | |
| 32. Confers with engineering and construction supervisors and managers in connection with the planning and organizing of construction projects in order to ensure timely completion of such projects. | X | X | X | X | X | X | | |
| 33. Coordinates with planning, engineering, construction, maintenance, operations, and commissioning organizations in order to ensure timely completion of projects that impact the resiliency of the Power System. | X | X | X | X | X | X | | |
| 34. Makes field inspections of construction projects and operation and maintenance facilities in order to ensure safe work practices and timely completion of such projects. | X | X | X | X | X | X | | |

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| <p>35. Directs and coordinates the activities of several groups engaged in engineering design and technical research pertaining to the construction and operation of overhead and underground facilities and directs activities relating to the improvement of operating methods in order to ensure the efficiency and performance of the Power System.</p> | X | X | X | X | X | X | | |
| <p>36. Directs and plans the activities of a staff group involved in regulatory compliance or the setting of standards and procedures and the performance of audits required for quality assurance, efficiency improvement, and best practices.</p> | X | X | X | X | X | X | | |
| <p>37. Administers DWP's fuel supply program including acquisition, price risk management, transportation, storage, inventory control, and contract management.</p> | X | | X | X | X | X | X | X |