

GLENDALE WATER & POWER COMMISSION MEETING
Monday, March 5, 2007
City Hall – Council Chambers

Present: Commissioners Scott Dellinger, Ed Ebrahimian, Patrick Foley,
Greg Gregorian, John Miller

Staff: Henry Abrari, Senior Electrical Engineer
Ramon Abueg, Electrical Services Administrator
Varoojan Avedian, Electrical Engineering Associate
Marina Cline, Human Resources Analyst II
Sheila Enriquez, Office Services Supervisor/Steno
Felizardo Fernandez, Principal Electrical Engineer
Herbert Garcia, Public Education Coordinator
Patrick Hayes, Principal Civil Engineer
Craig Herman, Information Services Administrator
Craig Kuennen, Project Coordinator – PBC Programs
Steve Lins, Sr. Assistant City Attorney
Erik Olsen, Electrical Engineer I
Patrick Riley, Electrical Superintendent
Larry Silva, City Resource Specialist
Ignacio R. Troncoso, Director of Glendale *Water & Power*
Tami Vallier, Customer Services Operations Manager

Also Present: Doug Caldwell, Glendale Resident

CONSENT ITEMS

The meeting was called to order at 4:00 p.m. by Commission President Dellinger. A motion was made and seconded to approve the February 5, 2007 meeting minutes as mailed.

HEARING

Integrated Resource Plan (IRP)

Larry Silva said the requirement for the IRP was established by the Energy Policy Act of 1992 and is applicable to federal power contractors, and requires preparation of an Integrated Resource Plan (IRP) for entities that contract for federal power. Glendale, as contractor for Hoover Plant power, is required to submit an IRP every five years to Western Area Power Administration. An additional requirement is that a Public Hearing be held when presenting the IRP.

A slide presentation was used to review and highlight the following topics: the City's System Peak Load, Glendale's Planning Reserve Requirement, GWP's Existing Resources Based on Energy, Grayson Power Plant Net Generating Capacity, Firm Power Supply Purchase Contracts, Glendale Renewable Resources, the City's High-Voltage Transmission Resources, and

Glendale's Load/Resource Balance. Craig Kuennen provided a review on Demand Side Management. Mr. Troncoso gave a review on Management and Implementation of Restructuring and Action Plan. Both topics were part of the IRP.

Resolution

Moved by Commissioner Gregorian and seconded by Commissioner Ebrahimian, that the following is hereby approved: A Resolution stating that the Glendale *Water & Power* Commission has reviewed the City of Glendale's IRP and does hereby authorize the Director of Glendale *Water & Power* to submit said plan to the Western Area Power Administration.

**Ayes: Commissioners Dellinger, Ebrahimian, Foley, Gregorian, Miller
Noes:**

REPORTS – INFORMATION

Water
- Water Use Report

Patrick Hayes distributed copies of the water supply report for January 2007 and reported that water usage for the month increased system-wide compared to the last several years as reflected on the first page of the report. Total water consumption for the month was 2,747 acre feet. Water supplies from MWD amounted to 65% and 35% from local sources – the goal is to maintain MWD water supplies below 70%. As reflected on table 3 for recycled water, January consumption levels were low due to the lessening demand for irrigation. Added to the recycled water system in January/February were Disney and a school on Pacific. Disney built a project on Flower Street whereby the recycled line was extended to provide recycled water for irrigation purposes and dual plumbing for future use.

Local water production in the Verdugo Basin is improving. GWP shares that basin with the Crescenta Valley Water District with an adjudicated right for slightly over 3,800 acre feet, for which GWP currently has two-thirds pumping capacity. The implementation of studies to explore pilot wells to further develop pumping capability and produce additional groundwater is underway.

Commissioner Miller inquired about Chromium 6 contamination and asked if GWP knew exactly where plumes were located in the groundwater basins. Mr. Hayes replied that there are excellent graphics available that provide a more complete view and will help answer questions.

Commissioner Miller communicated his main concern would be that the plumes are migrating due to well pumping in a way that might impact water production. Mr. Hayes replied that there is some concern in that regard; however, a study was conducted by EPA through CH₂M Hill several months ago. The study projected significant increases in the amount of Chromium 6 in the wells. GWP has not detected any Chromium 6 increases in its system, which is relatively low in the basin and should dissipate by the time it reaches Glendale. The three major chromium sources are within the Los Angeles basin and superfund sites that go in the operating unit, such as the Burbank operating unit and one that LA oversees. The operating unit in Los Angeles shows the most significant, and is located in the area that is furthest upstream in the basin.

In response to a question by Commissioner Miller regarding contingency plans in the event Glendale's water production system is contaminated by Chromium 6. Commissioner Dellinger requested a report from staff containing historical data on concentration levels in the wells for the next meeting.

- Water Saving Gardening Events

Herbert Garcia invited the Commission and the public to attend a Native & California Friendly Plants Workshop, where speaker, Lili Singer, a recognized garden writer and plant expert, will speak on March 15, 2007. The workshop will be at the Glendale Central Library from 6:30 p.m. to 8:00 p.m. More information is available on the GWP website. It is recommended that interested residents call to register at 818-548-4828. Free California native plant seeds and refreshments will be offered.

Electric

- Electrical Services Reliability Indices (ESRI)

Ramon Abueg reported there were five outages in February and pointed out that GWP continues to expend efforts to prevent outages, to the degree where problems can be identified, repaired and outages minimized as much as possible.

- Montrose Report, February 12 Outage

A handout of the Outage Report for the #4 Montrose February 12, 2007 Outage was distributed. The handout included schematics of the power system and provided information on the feeders, bus differential relay operations, outcome, investigation and corrective actions. A page by page review of the findings and resolution were discussed.

Commissioner Miller asked if a communications or notification program existed for vulnerable customers who are on life support systems regarding outages. Mr. Abueg answered that for planned outages the customers are notified. Tami Vallier stated that when a customer notifies GWP that they are on life support, and have been certified through their physician, they are told at that time that they need to have a certain amount of backup in case of an outage.

- Montrose Protection Coordination Project

Varoojan Avedian gave a slide presentation regarding the Fuse Replacement and Coordination Project and provided a breakdown of the system, fuse and substation relays. Basically this project is to replace all lateral fuses with appropriate fuse sizes so they will coordinate with other fuses and substation relays. There are twelve substations throughout the City and each substation has a number of feeders and each feeder has its boundary. He provided details on protection devices, existing conditions and changed conditions, objectives for localizing faults and improving reliability, and improvement of CAIDI and SAIDI indices.

Commission

ORAL COMMUNICATIONS

Doug Caldwell, a Glendale resident, asked how to obtain material presented at Commission meetings, Mr. Troncoso answered that documents presented at meetings are available for the public and efforts will be made to place them on the City's website.

OLD BUSINESS

NEW BUSINESS

Commissioner Ebrahimian had several inquiries regarding street lights. Mr. Troncoso responded that staff would prepare an up-to-date summary of the program at the next meeting. GWP is currently undertaking a thorough review of the program to develop and implement a comprehensive plan.

Meeting adjourned at 5.25 p.m.

Secretary