



**- A G E N D A -  
GLENDALE WATER & POWER COMMISSION**



**COUNCIL CHAMBERS  
613 E. Broadway, 2<sup>nd</sup> Floor  
Glendale, CA 91206**

Welcome to the meeting of the Glendale Water & Power Commission. Meetings are broadcast live on cable channel 6 (GTV6) and rebroadcast throughout the week. Call (818) 548-4013 for program schedules. DVDs and Videotapes of the proceedings are available for purchase in the City Clerk's Office by calling (818) 548-2090. **Please turn off cellular phones and pagers while inside the Council Chambers.**

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If you have any questions about matters on the agenda, or requests for assistance, please contact Sheila Enriquez at (818) 550-4563 or Jackie Zadian at (818) 548-2107 during regular business hours.

**January 7, 2008**

**1. REGULAR AGENDA – 4:00 p.m.**

Roll Call –

**2. CONSENT ITEMS (INCLUDING MINUTES)**

The following are routine and may be acted upon by one motion. Any member of the Commission or the audience requesting separate consideration may do so by making such request before motion is proposed.

**a. Consider minutes of the December 3, 2007 meeting**

**3. ACTION ITEM**

**a. Election of Officers**

**1. Motion**

**4. REPORTS – INFORMATION**

**Internal Business**

- Issuance of Electric & Water Revenue Bonds

**Power**

- Solar Update

**Electric**

- [Electrical Services Reliability Indices \(ESRI\)](#)
- Montrose-Bel Aire Transmission Line Upgrade Project

**Water**

- Conservation Update
- Water Use Report

**5. ORAL COMMUNICATIONS**

**6. OLD BUSINESS**

**7. NEW BUSINESS**

**8. ADJOURNMENT**

Date and place of next meeting: February 4, 2008 at 4:00 p.m. in Council Chambers

**CITY OF GLENDALE**  
**INTERDEPARTMENTAL COMMUNICATION**

**DATE:** December 27, 2007

**TO:** Dan Waters, *Interim* Director of Glendale Water & Power

**FROM:** Ramon Z. Abueg, Electrical Services Administrator

**SUBJECT:** Outage Report for December, 2007

- During this period there was four (4) primary (high voltage) circuit outage event:
1. December 8, 2007. At 4:07 a.m., the Rossmoyne #2 feeder relayed due to an underground cable failure south of the intersection of Greenbriar Rd and Misty Isle Dr. affecting 388 customers for 6 minutes and 120 customers for 637 minutes.
  2. December 11, 2007. At 11:45 a.m., the Scholl #7 feeder relayed due to a short circuit caused by a squirrel crossing an overhead riser at the intersection of Glenoaks Bl. and Glenoaks Canyon Dr. affecting 228 customers for 13 minutes.
  3. December 14, 2007. At 1:53 a.m., the BelAire #3 feeder relayed when a vehicle hit the power pole at 1559 Winchester affecting 439 customers for 5 minutes and 80 customers for 292 minutes.
  4. December 31, 2007. At 1:56 p.m., the Western #3 feeder relayed due to an unknown cause at the intersection of Glenwood and Raymond affecting 2644 customers for 22 minutes and 30 customers for 39 minutes.
- Reliability indices for the “rolling” 12-month period are as follows:
- The System Average Interruption Frequency Index or **SAIFI**, for the past 12 months was 1.33; indicating that there were approximately 108,342 customer outages.

$$\text{SAIFI} = \frac{\text{Total Number of Customers Interrupted}}{\text{Total Number of Customers Served}}$$

<b>SAIFI</b>		
<b>Current 12-month</b>	<b>Last Month</b>	<b>Last Year 12-month</b>
1.33	1.61	2.67

- The System Average Interruption Duration Index, or **SAIDI**, for the past 12 months was 55.8; indicating an average outage time of about fifty six (56) minutes per customer.

$$\text{SAIDI} = \frac{\text{Sum of Customer - Hours Interruption Duration}}{\text{Total Number of Customers Served}}$$

<b>SAIDI</b>		
<b>Current 12-month</b>	<b>Last Month</b>	<b>Last Year 12-month</b>
55.8	60.3	130.3

- The Customer Average Interruption Duration Index, or **CAIDI**, for the past 12 months was 0.70; indicating that those customers who did experience an outage were without power at an average of forty two (42.0) minutes per interruption.

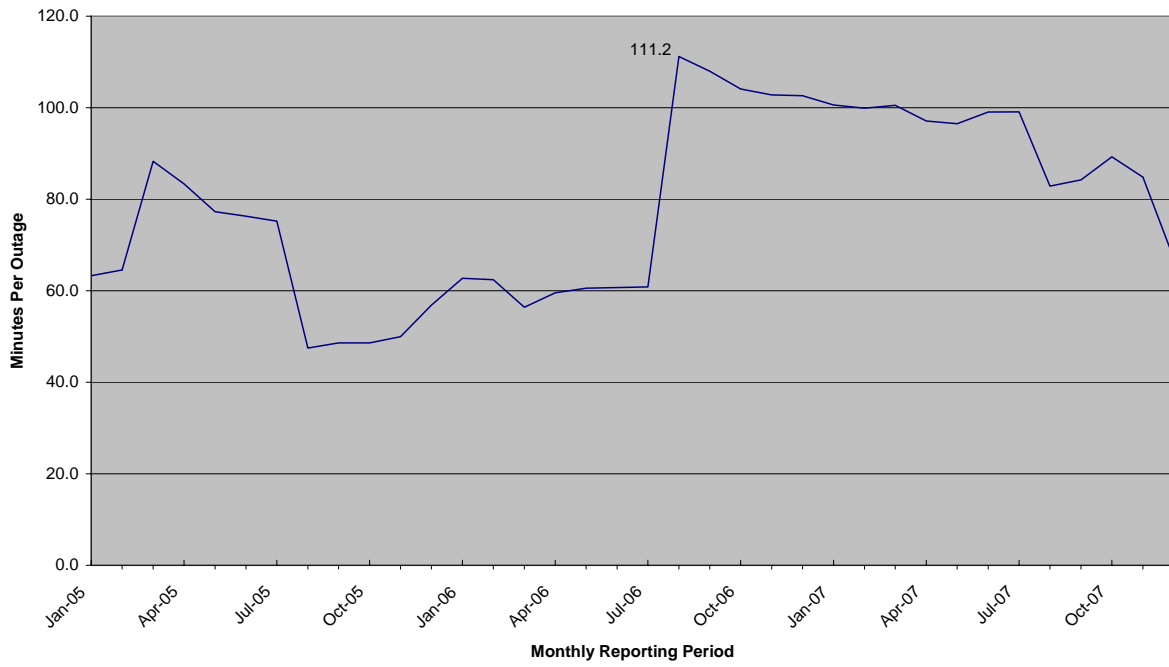
$$\text{CAIDI} = \frac{\text{Total Number of Customer Hours Interrupted}}{\text{Total Number of Customers Interrupted}}$$

<b>CAIDI</b>		
<b>Current 12-month</b>	<b>Last Month</b>	<b>Last Year 12-month</b>
0.70	0.62	0.81

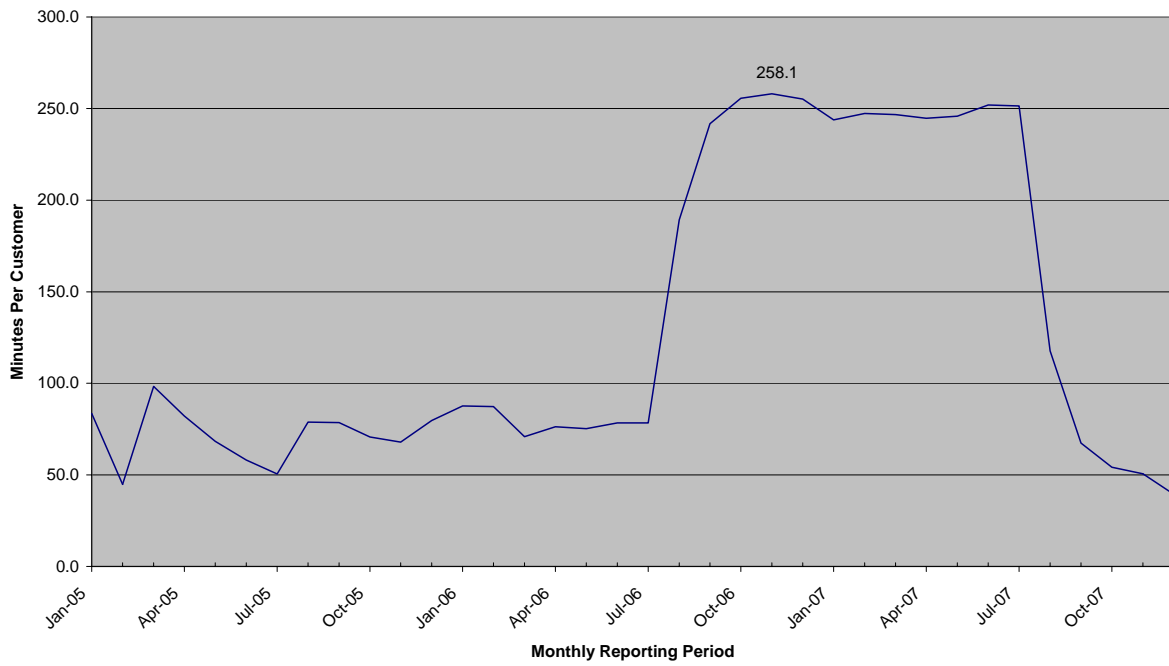
- A historic look on the outages that affected the citizens of Glendale for the last three years is tabulated below. A huge progress has been made in reducing the number of outages and the number of customers affected.

<b>Period</b>	<b>Total No. of All Outages</b>	<b>Total Customer-Minutes Interrupted</b>
<b>Jan. 2005 to Dec. 2005</b>	212	16,217,700
<b>Jan. 2006 to Dec. 2006</b>	159	12,067,080
<b>Jan. 2007 to Dec. 2007</b>	71	4,021,140

**CAIDI 12 Month Running Total**



**SAIDI 12-Month Running Total**



SAIFI 12-Month Running Total

