

**Paul Hudson**  
Chairman

**Julie Parsley**  
Commissioner

**Barry T. Smitherman**  
Commissioner



## *Public Utility Commission of Texas*

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TO: Chairman Paul Hudson  
Commissioner Julie Parsley  
Commissioner Barry T. Smitherman

FROM: Tony Marciano  
Electrical Engineer  
Infrastructure Reliability Division

DATE: May 24, 2007

SUBJECT: Docket No. 33628-Annual Filing by Electric Utilities of Interconnected Distributed Generation Facilities to Comply with Substantive Rule § 25.211(n)

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Staff substitutes the information to Annual Filing by Electric Utilities of Interconnected Distributed Generation Facilities that was filed on May 17, 2007.

Substantive Rule § 25.211(n) requires that by March 30 of each year, every electric utility shall file with the Commission a Distributed Generation Interconnection Report for the preceding calendar year that identifies each distributed generation facility interconnected with the utility's distribution system. The report shall list the new distributed generation facilities interconnected with the system since the previous year's report, any distributed generation facilities no longer interconnected with the utility's system since the previous report, the capacity of each facility, and the feeder or other point on the company's utility system where the facility is connected.

Centerpoint Energy Houston Electric ("Centerpoint"), Texas Utility Electric Delivery ("TXU"), American Electric Power ("AEP"), Texas New Mexico Power Company ("TNMP"), Entergy Gulf States ("Entergy"), Southwestern Public Service Company ("SPS"), Sharyland Utilities ("Sharyland"), Cap Rock Energy Corporation ("Cap-Rock"), and El Paso Electric Company ("EPE") reported a net total of 372,120 kilowatts (372 Megawatts) of distributed generation ("DG") activities. During 2006 66,493

kilowatts (66.49Megawatts) were added to the 2005 total of 315,627 kilowatts (315.63Megawatts) capacity, and 10,000 kilowatts (10.00 Megawatts) of DG were disconnected. Sharyland reported no activities of distributed generation. The most common technology used for DG in Texas is diesel generation with natural gas generation ranks second. Graph TM-2 shows the total energy capacity for each technology.

The data on the utilities' DG activities for the calendar year 2002, 2003, 2004, 2005, and 2006 are shown in Table 1, and Table 2. The total net DG activities in Texas for the calendar year 2002, 2003, 2004, 2005, and 2006 are shown in Graph TM-1.

**Table 1**

	Centerpoint	TXU	AEP	TNMP	Entergy	SPS	Cap-Rock	El-Paso
Existing Capacity 2002	37,634	154,456	18,617	5,000	0	0		
New Interconnection 2002	8,504	5,572	2,000	0	5	4		
Disconnection 2002	3,663	2,150	6,300	0	0	0		
<b>Year 2002</b>	<b>42,476</b>	<b>157,878</b>	<b>14,317</b>	<b>5,000</b>	<b>5</b>	<b>4</b>		
Existing Capacity 2003	42,476	157,878	14,317	5,000	5	4		
New Interconnection 2003	7,605	6,012	0	10,000	3,044	3,054		
Disconnection 2003	6,530	8,460	0	0	0	0		
<b>Year 2003</b>	<b>43,550</b>	<b>155,430</b>	<b>14,317</b>	<b>15,000</b>	<b>3,049</b>	<b>3,057</b>		
Existing Capacity 2004	43,550	155,430	14,317	15,000	3,049	3,057	80	
New Interconnection 2004	6,630	28,341	0	0	0	0	0	
Disconnection 2004	0	9,900	0	0	5	0	0	
<b>Year 2004</b>	<b>50,180</b>	<b>173,871</b>	<b>14,317</b>	<b>15,000</b>	<b>3,044</b>	<b>3,057</b>	<b>80</b>	
Existing Capacity 2005	50,180	173,871	14,317	15,000	3,044	3,057	80	
New Interconnection 2005	1,703	27,364	0	0	0	30,660	0	
Disconnection 2005	0	3,650	0	0	0	0	0	
<b>Year 2005</b>	<b>51,883</b>	<b>197,585</b>	<b>14,317</b>	<b>15,000</b>	<b>3,044</b>	<b>33,717</b>	<b>80</b>	
Existing Capacity 2006	51,883	197,585	14,317	15,000	3,044	33,717	80	0
New Interconnection 2006	1,868	42,201	20	0	0	20,000	0	2,404
Disconnection 2006	0	10,000	0	0	0	0	0	0
<b>Year 2006</b>	<b>53,751</b>	<b>229,786</b>	<b>14,337</b>	<b>15,000</b>	<b>3,044</b>	<b>53,717</b>	<b>80</b>	<b>2,404</b>

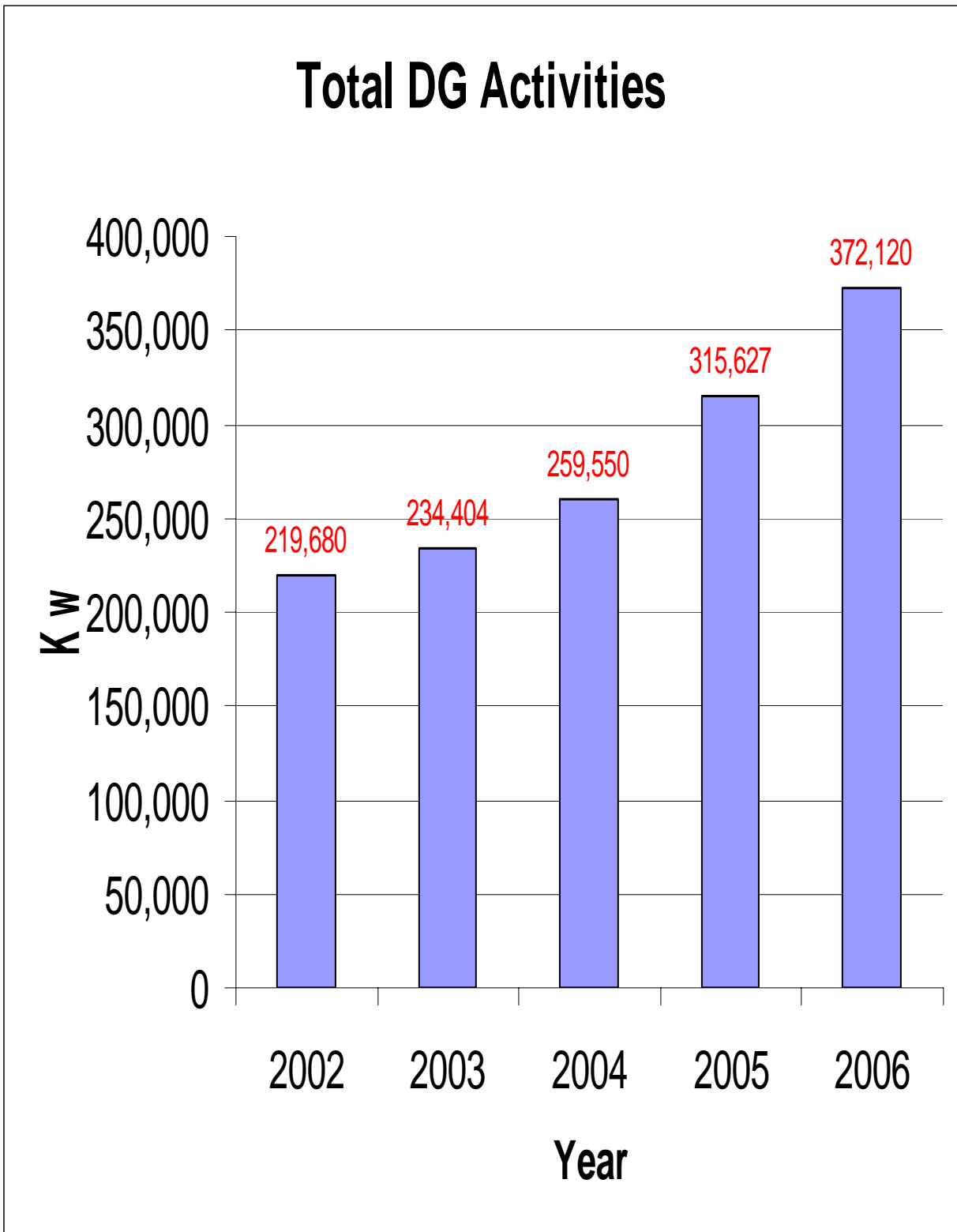
All units are in Kilowatts

**Table 2**

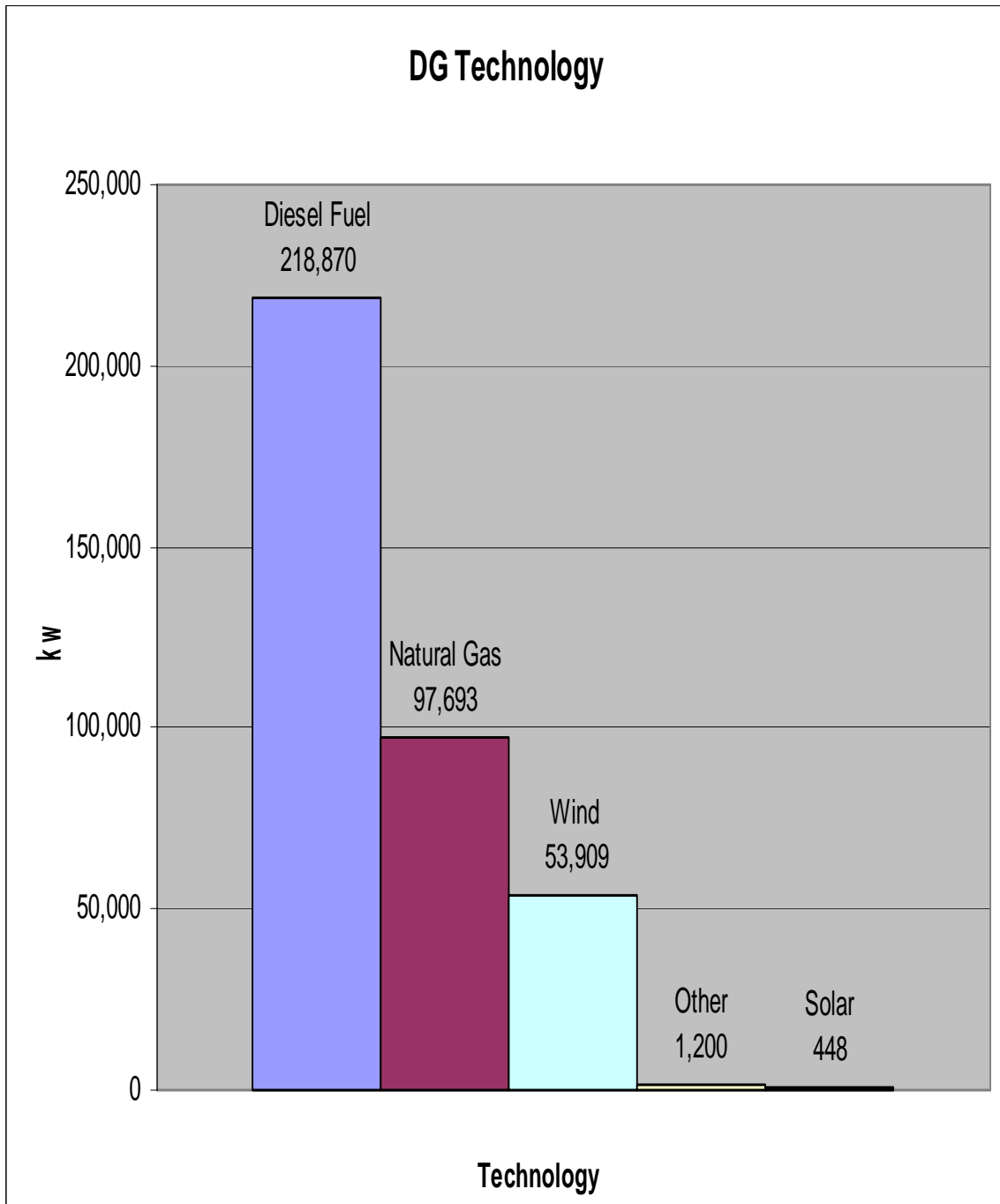
	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
<b>TXU</b>	157,878	155,430	173,871	197,585	229,786
<b>Centerpoint</b>	42,476	43,550	50,180	51,883	53,751
<b>AEP</b>	14,317	14,317	14,317	14,317	14,337
<b>TNMP</b>	5,000	15,000	15,000	15,000	15,000
<b>Entergy</b>	5	3,049	3,044	3,044	3,044
<b>SPS</b>	4	3,057	3,057	33,717	53,717
<b>Cap-Rock</b>			80	80	80
<b>El-Paso</b>					2,404

All units are in Kilowatts

Graph TM-1



**Graph TM-2**



All units are in Kilowatts

cc: Adib, Parviz  
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