

**CENTRAL MAINE POWER COMPANY
RESPONSE TO ORAL DATA REQUEST NO. 3
DOCKET No. 2008-255**

December 2, 2008

ODR-03-33

- Q.** Please provide a comparison of the last five years of CMP's energy and peak forecast, ISO's forecast and actual load for Maine.
- A.** The requested comparison is attached. Attachments 1 and 2 provide CMP's forecasts for net energy for load and summer peak load since the fall of 2003. Attachments 3 and 4 provide graphs that compare CMP's forecast to actual results. Over the five year period examined, the mean absolute error (MAE) of CMP's net energy forecasts is approximately 1.3%. Over the five year period examined, the mean absolute error of CMP's summer peak load forecasts is approximately 4.2%; however, the MAE has been reduced to about 2.6% since CMP's peak forecast methodology recognized the fact that its summer peak load is growing faster than its growth in net energy for load.

Attachments 5 and 6 provide ISO-New England's forecasts for net energy for load and summer peak load since 2003. Attachments 7 and 8 provide graphs that compare ISO-NE's forecast to actual results for the State of Maine. Over the five year period examined, the mean absolute error of ISO-NE's net energy forecasts is approximately 2.4%. Please note that the ISO's 2003 forecast for net energy is not readily available. Over the five year period examined, the mean absolute error of ISO-NE's coincident summer peak load forecasts for Maine is approximately 3.5%.

Response Prepared and Submitted By:

John P. Davulis
Senior Project Manager
GDS Associates, Inc.

Attachment(s):

1. CMP Net Energy for Load Forecasts for CMP Service Territory
2. CMP Summer Peak Load Forecasts for CMP Service Territory
3. CMP Forecasts of Net Energy for Load, 2003-2007
4. CMP Forecasts of Summer Peak Load, 2003-2008
5. ISO-NE Net Energy for Load Forecasts for Maine
6. ISO-NE Summer Peak Load Forecasts for Maine
7. ISO-NE Forecasts of Net Energy for Load, Maine, 2003-2007
8. ISO-NE Forecasts of Summer Peak Load, Maine, 2003-2007

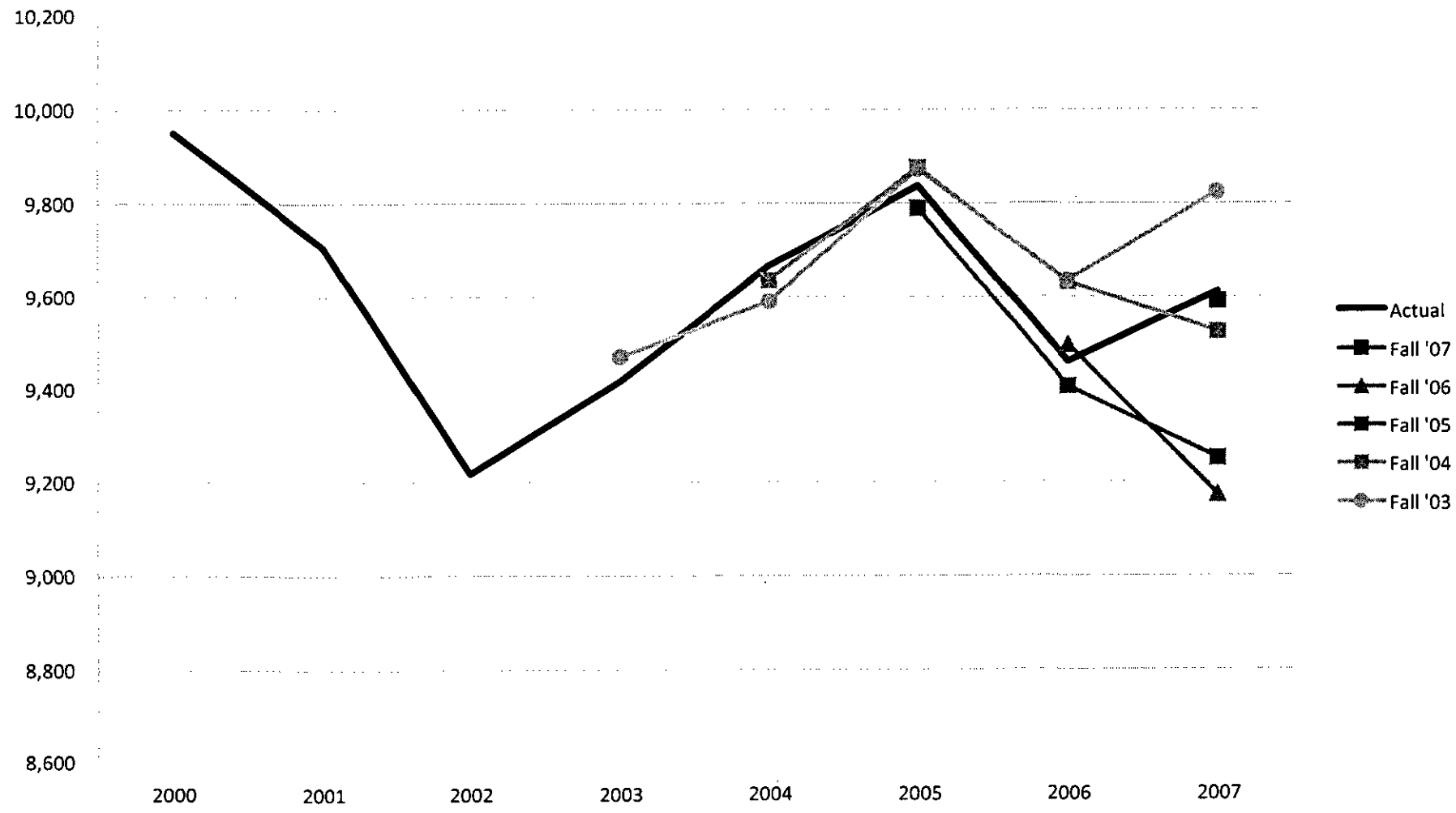
CMP Net Energy for Load (Mil. kWh) Forecasts for CMP Service Territory

Annual Net Energy for Load (Million of kWh)												
	Actual	Fall '08	Fall '07	MAE	Fall '06	MAE	Fall '05	MAE	Fall '04	MAE	Fall '03	MAE
1991	9,697											
1992	9,743											
1993	9,730											
1994	9,642											
1995	9,497											
1996	9,795											
1997	9,935											
1998	9,602											
1999	9,745											
2000	9,951											
2001	9,707											
2002	9,217											
2003	9,418									9,470	0.6%	
2004	9,666							9,635	0.3%	9,590	0.8%	
2005	9,837					9,790	0.5%	9,875	0.4%	9,872	0.4%	
2006	9,460				9,497	0.4%	9,408	0.6%	9,632	1.8%	9,634	1.8%
2007	9,611		9,590	0.2%	9,173	4.6%	9,251	3.7%	9,524	0.9%	9,823	2.2%
2008		9,493	9,399		9,215		9,349		9,733		10,037	
2009		9,479	9,492		9,270		9,414		9,900			
2010		9,545	9,603		9,326		9,475					
2011		9,652	9,710		9,351							
2012		9,775	9,821		9,392							
2013		9,919	9,933		9,433							
2014		10,092	10,047		9,474							
2015		10,265	10,161		9,515							
2016		10,421	10,277		9,557							
2017		10,582	10,395		9,599							
MAE				0.2%		2.5%		1.6%		0.9%		1.2%

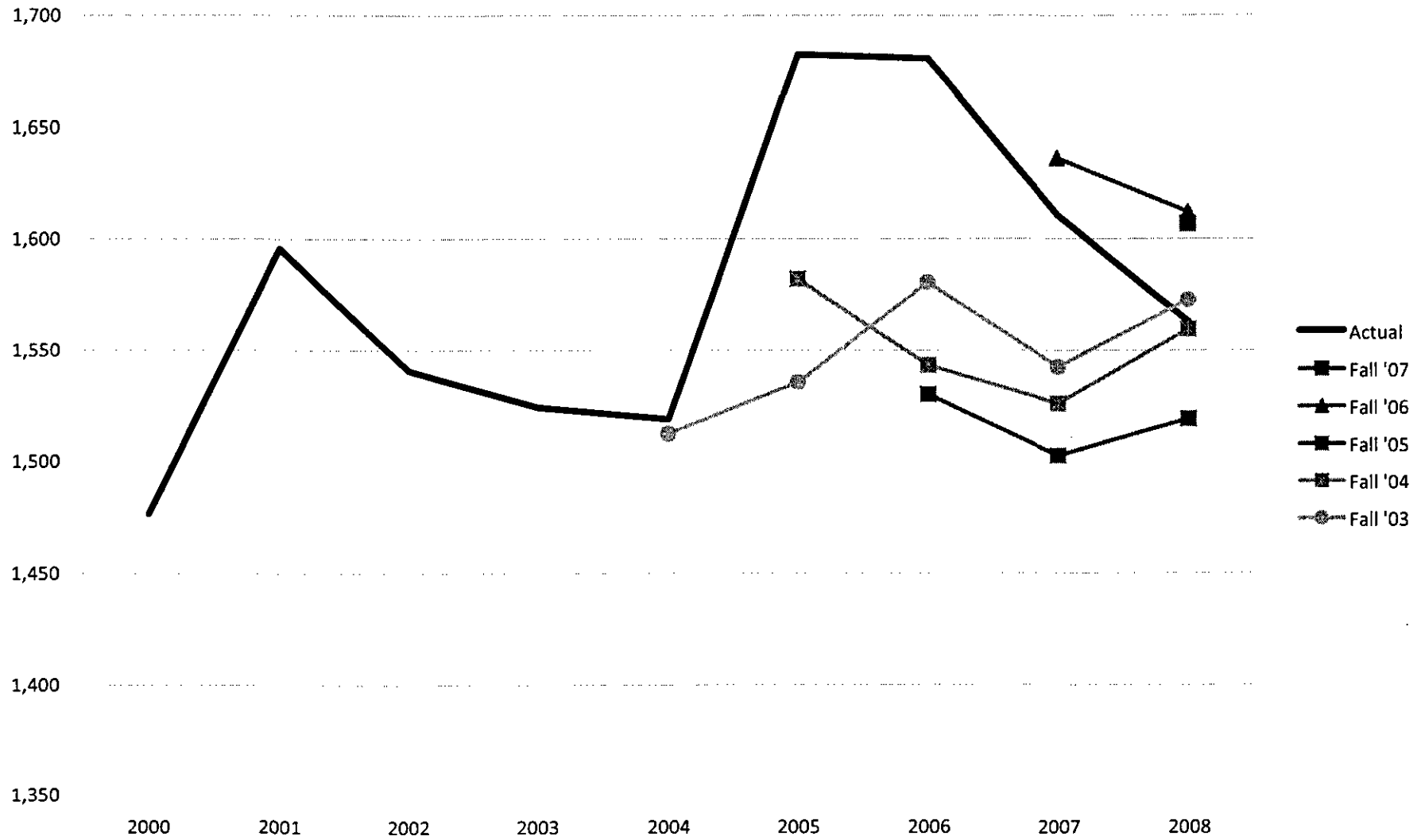
CMP Summer Peak Load (MW) Forecasts for CMP Service Territory

CMP Summer Peak Load (MW)												
	Actual	Fall '08	Fall '07	MAE	Fall '06	MAE	Fall '05	MAE	Fall '04	MAE	Fall '03	MAE
1991	1,464											
1992	1,353											
1993	1,454											
1994	1,459											
1995	1,489											
1996	1,478											
1997	1,528											
1998	1,479											
1999	1,514											
2000	1,476											
2001	1,596											
2002	1,541											
2003	1,524											
2004	1,519									1,512	0.4%	
2005	1,683								1,582	6.0%	1,536	8.7%
2006	1,681						1,530	9.0%	1,543	8.2%	1,581	5.9%
2007	1,611				1,636	1.6%	1,503	6.7%	1,526	5.3%	1,543	4.2%
2008	1,563		1,607	2.8%	1,612	3.1%	1,519	2.8%	1,560	0.2%	1,573	0.6%
2009		1,593	1,639		1,652		1,530		1,586		1,607	
2010		1,617	1,674		1,692							
2011		1,648	1,709		1,727							
2012		1,682	1,745		1,762							
2013		1,720	1,782		1,796							
2014		1,764	1,820		1,832							
2015		1,808	1,858		1,868							
2016		1,849	1,898		1,905							
2017		1,892	1,938		1,943							
MAE				2.8%		2.4%		6.2%		4.9%		4.8%

CMP Forecasts of Net Energy for Load (Mil. kWh), 2003-2007



CMP Forecasts of Summer Peak Load (MW), 2003-2008



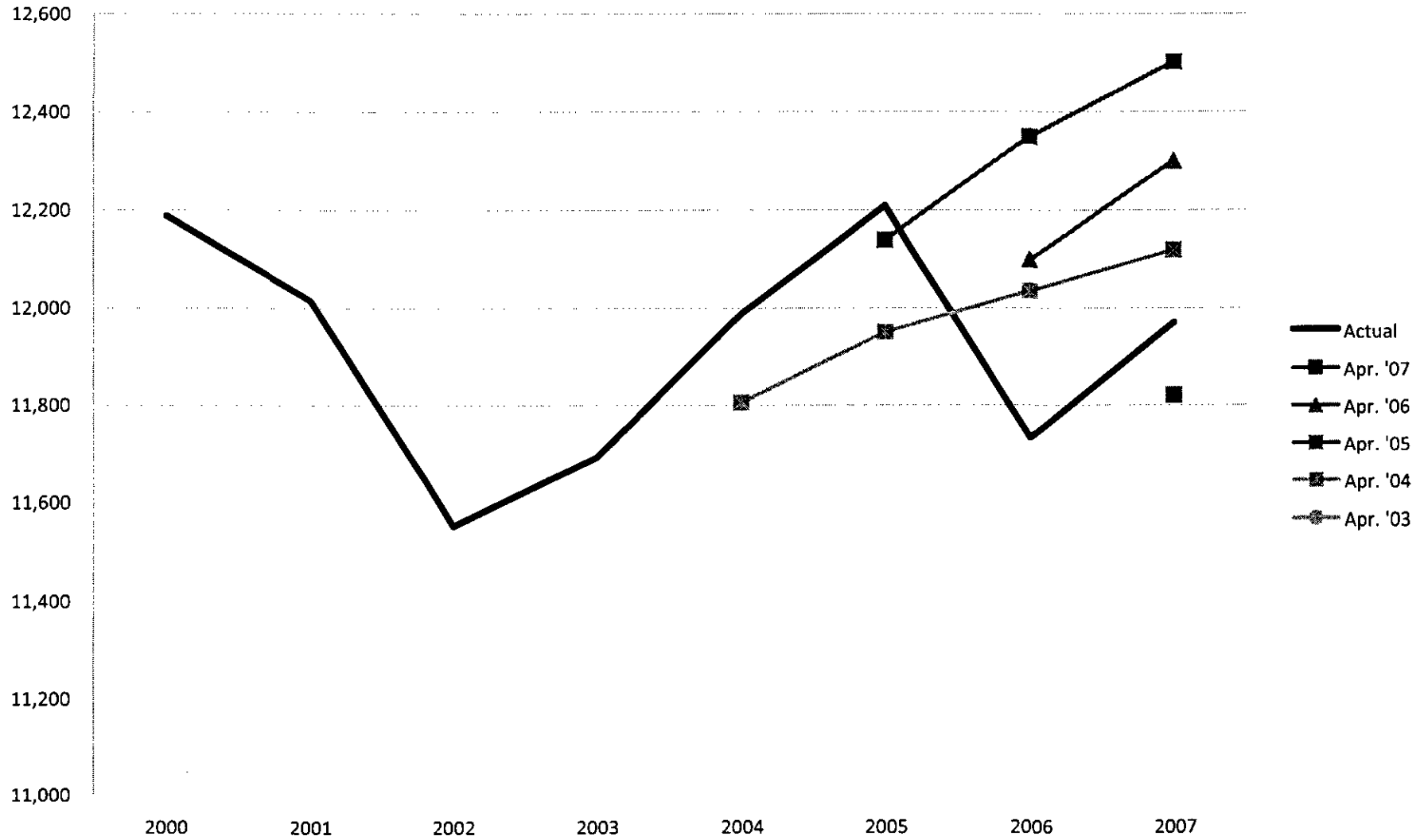
ISO-NE CELT-RSP Net Energy for Load (Mil. kWh) Forecasts for Maine

Annual Net Energy for Load (Million of kWh)												
	Actual	Apr. '08	Apr. '07	MAE	Apr. '06	MAE	Apr. '05	MAE	Apr. '04	MAE	Apr. '03	MAE
1991	9,953											
1992	9,889											
1993	9,995											
1994	9,977											
1995	9,620											
1996	10,139											
1997	10,291											
1998	10,167											
1999	11,215											
2000	12,189											
2001	12,015											
2002	11,553											
2003	11,692											
2004	11,988								11,805	1.5%		
2005	12,209						12,140	0.6%	11,950	2.1%		
2006	11,732				12,100	3.1%	12,350	5.3%	12,035	2.6%		
2007	11,970		11,820	1.3%	12,300	2.8%	12,500	4.4%	12,120	1.3%		
2008		11,985	11,950		12,540		12,710		12,270			
2009		12,145	12,140		12,790		12,890		12,410			
2010		12,265	12,305		13,015		13,050		12,550			
2011		12,370	12,500		13,250		13,235		12,715			
2012		12,495	12,700		13,490		13,440		12,895			
2013		12,605	12,885		13,710		13,620		13,055			
2014		12,700	13,060		13,910		13,790					
2015		12,795	13,230		14,095							
2016		12,880	13,390									
2017		12,965										
MAE				1.3%		2.9%		3.4%		1.9%		

ISO-NE CELT-RSP Summer Peak Load (MW) Forecasts for Maine

Coincident Summer Peak Load (MW)												
Year	Actual	Apr. '08	Apr. '07	MAE	Apr. '06	MAE	Apr. '05	MAE	Apr. '04	MAE	Apr. '03	MAE
1991	1,479											
1992	1,427											
1993	1,461											
1994	1,509											
1995	1,452											
1996	1,581											
1997	1,562											
1998	1,624											
1999	1,436											
2000	1,761											
2001	1,951											
2002	1,915											
2003	1,886									1,850	1.9%	
2004	1,820							1,920	5.5%	1,900	4.4%	
2005	2,037						1,975	3.0%	1,955	4.0%	1,920	5.7%
2006	2,068				2,020	2.3%	2,020	2.3%	1,970	4.7%	1,940	6.2%
2007	1,974		2,035	3.1%	2,070	4.9%	2,050	3.9%	1,990	0.8%	1,960	0.7%
2008		2,105	2,070		2,120		2,080		2,010		1,980	
2009		2,145	2,120		2,170		2,110		2,035		2,010	
2010		2,180	2,160		2,215		2,140		2,060		2,040	
2011		2,210	2,210		2,260		2,165		2,085		2,070	
2012		2,240	2,255		2,310		2,200		2,110		2,100	
2013		2,270	2,295		2,350		2,230		2,140			
2014		2,295	2,335		2,390		2,255					
2015		2,315	2,370		2,420							
2016		2,335	2,400									
2017		2,350										
MAE				3.1%		3.6%		3.1%		3.8%		3.8%

ISO-NE Forecasts of Net Energy for Load (Mil. kWh), Maine, 2003-2007



ISO Forecasts of Summer Peak Load (MW), Maine, 2003-2007

