

**CASE 07-M-0548 – EPS PROCEEDING**  
**Niagara Mohawk Power Corporation d/b/a National Grid**  
**Response to Administrative Law Judge Stein’s Questions**

For each utility party, LIPA and NYPA:

1. Please provide actual annual sales data for 2006 and an annual sales forecast (electric in MWs, gas in Decatherms) for your service territory for each year 2007 through 2015. The data should be broken down by and include every service class (even the ones you might deem irrelevant) and transportation/sales. Please identify the source of the forecasts.

**Response:**

Niagara Mohawk Power Corporation d/b/a National Grid (“National Grid”) has developed projections of electric deliveries through 2011 and gas deliveries through 2013. Projections beyond those years are not available.

National Grid’s actual electric and gas deliveries for 2006 and projected deliveries through 2011 and 2013 for electric and gas deliveries, respectively, by service class are provided on the following pages.

**National Grid Electric Deliveries in MWh  
2006 – 2011**

<b>MWh by Service Class</b>	<b>2006 (Actual)</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>
SC1.....	11,127,287	11,309,322	11,468,272	11,621,660	11,740,820	11,867,551
SC2ND.....	647,199	683,329	685,815	686,392	685,505	685,745
SC2D.....	4,368,077	4,614,930	4,754,006	4,892,086	5,031,630	5,191,397
SC3.....	6,238,735	6,308,987	6,448,146	6,588,526	6,732,337	6,895,457
SC3A.....	3,861,736	3,863,839	3,845,587	3,845,587	3,845,587	3,845,587
SC4.....	280,337	271,980	271,980	271,980	271,980	271,980
SC5.....	1,268	888	888	888	888	888
SC7.....	456,996	392,242	392,242	392,242	392,242	392,242
SC11&12...	2,358,816	2,447,199	2,465,451	2,465,451	2,465,451	2,465,451
NYPA.R&E..	3,778,267	3,764,257	3,764,257	3,764,257	3,764,257	3,764,257
NYPA.PfJ..	908,147	921,456	921,456	921,456	921,456	921,456
Pr.Area Lighting.	26,090	27,709	27,709	27,709	27,709	27,709
St.&Hway Lighting.	187,760	195,961	195,961	195,961	195,961	195,961
BORDERLINE	5,120	4,718	4,718	4,718	4,718	4,718
<b>TOTAL</b>	<b>34,245,835</b>	<b>34,806,817</b>	<b>35,246,488</b>	<b>35,678,913</b>	<b>36,080,541</b>	<b>36,530,399</b>

Source: This forecast was prepared in September 2006 for the Company's five-year business plan.

**National Grid Natural Gas Deliveries in Decatherms  
2006 – 2013**

	<b>2006 (Actual)</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
SC1 RES NON HEAT SALES	1,260,702	1,307,632	1,295,041	1,280,189	1,263,578	1,250,376	1,238,844	1,224,016
SC1 RES NON HEAT MONTHLY BALANCING	121,906	125,267	125,818	125,854	125,725	125,760	125,948	125,819
SC1 RES HEAT SALES	39,568,127	45,240,794	45,359,246	45,225,949	44,972,722	44,802,757	44,779,183	44,511,448
SC1 RES HEAT MONTHLY BALANCING	5,995,806	6,721,344	6,763,621	6,766,320	6,756,425	6,759,124	6,773,516	6,763,621
SC2 RES NON HEAT SALES	10,983	11,705	11,746	11,698	11,615	11,480	11,381	11,198
SC2 RES NON HEAT MONTHLY BALANCING	742	680	684	683	683	683	684	683
SC2 RES HEAT SALES	145,376	177,956	185,147	191,558	197,199	203,350	209,989	215,525
SC2 RES HEAT MONTHLY BALANCING	60,593	57,467	57,792	57,824	57,719	57,782	57,876	57,792
SC2 COMM NON HEAT SALES	408,753	445,851	446,827	447,766	447,240	447,240	447,766	447,541
SC2 COMM NON HEAT MONTHLY BALANCING	270,817	277,333	277,691	278,035	277,843	277,843	278,036	277,953
SC2 COMM HEAT SALES	11,477,037	13,245,595	13,313,226	13,321,545	13,311,975	13,301,100	13,356,991	13,347,077
SC2 COMM HEAT MONTHLY BALANCING	6,425,011	6,553,139	6,578,821	6,603,514	6,589,686	6,589,686	6,603,514	6,597,588
SC2 INDUSTRIAL SALES	221,671	281,048	282,648	283,348	282,685	282,336	283,035	282,630
SC2 INDUSTRIAL MONTHLY BALANCING	123,755	84,008	84,008	84,008	84,008	84,008	84,008	84,008
SC4 INTERRUPTIBLE SALES	789,309	863,602	865,151	863,602	863,602	863,602	865,151	863,602
SC5 FIRM MONTHLY AND DAILY BALANCING	6,672,611	6,398,596	6,409,467	6,398,596	6,398,596	6,398,596	6,409,467	6,398,596
SC7 FIRM MONTHLY AND DAILY BALANCING	5,115,135	6,132,381	6,146,466	6,149,726	6,149,506	6,152,718	6,159,119	6,158,820
SC8 FIRM INCLUDING D1 NOMINATIONS	11,766,442	10,943,618	10,955,302	10,943,618	10,943,618	10,943,618	10,955,302	10,943,618
NYSEG	238,978	284,612	286,377	284,612	284,612	284,612	286,377	284,612

	<b>2006 (Actual)</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
MECHANICSVILLE								
SC3 COMM NON HEAT	51,152	38,000	38,000	38,000	38,000	38,000	38,000	38,000
SC3 COMM HEAT	297,420	332,626	332,626	332,626	332,626	332,626	332,626	332,626
SC3 INDUSTRIAL	135,885	171,210	171,210	171,210	171,210	171,210	171,210	171,210
SC6 INTERRUPTIBLE	8,377,491	7,656,274	7,875,284	7,931,942	7,931,942	7,931,942	8,582,598	8,806,571
VNG SALES	713	652	652	652	652	652	652	652
SC12 DG	28,105	25,109	25,109	25,109	25,109	25,109	25,109	25,109
SC9 SPECIAL CONTRACTS	27,606,411	27,983,029	27,888,848	27,853,067	27,853,067	27,853,067	27,161,745	26,932,479
TOTAL	127,170,930	135,359,525	135,776,808	135,671,048	135,371,642	135,189,274	135,238,124	134,902,792

Source: Throughput Forecast dated 06/23/2006

2. Please provide actual annual achieved end-user energy efficiency data for 2006 and annual end-user energy efficiency forecast (electric in MWhs, gas in Decatherms) for your service territory for your own already-planned end-user energy efficiency programs each year 2007 through 2015. The data should be broken down by program and should not include peak shaving or demand response programs, and should not include NYISO or NYSEERDA programs (except Con Edison should include NYSEERDA programs provided solely for Con Edison). If possible, provide a description, cost per MWh or Decatherm, and total resource cost test score for each program.

**Response:**

National Grid offers the “Energy Efficiency in Empires Zones” program, which is part of the National Grid’s Economic Development Plan. Through program participation, “zone certified” commercial and industrial customers receive grants to help offset costs for the installation of energy saving equipment. The program focuses on energy savings, product quality enhancements and productivity improvements. The program is offered to zone certified customers who meet defined program criteria. Noted below is a link which provides a description of the Energy Efficiency in the Empire Zones program.

For 2006, seven applications were approved resulting in energy savings of 1,275 MWh and a cumulative demand reduction of 210 kW.

For 2007, two applications have been approved year-to-date resulting in energy savings of 427 MWh and a cumulative demand reduction of 82 kW.

Since program inception in 2003, fifty-one applications have been approved. National Grid’s Economic Development Plan is currently funded through 2011 and it is assumed that the Energy Efficiency in Empire Zones program will continue to evaluate between eight and fifteen applications on an annual basis.

<http://www.nationalgridus.com/niagaramohawk/business/ecdev/documents/Energy%20Efficiency%20in%20Empire%20Zones.pdf>

National Grid offers the Low-Income Gas Customer Energy Efficiency Program. Attached is the final Gas Efficiency Program Summary Report Through 1<sup>st</sup> Quarter 2007, including program descriptions. The program is administered through two sub-programs, “Assisted Home Performance” and “Empower NY.”

Assisted Home Performance has provided benefits to 695 homes saving 543 Therms annually at each home or a total of 377,385 Therms per year. Empower NY has served 965 homes saving 250 Therms annually or a total of 241,250 Therms per year.

The plan moving forward is to repeat the program using the same two sub-programs, Assisted Home Performance and Empower NY.

