

# NYISO ADJUSTMENT OF 2006 TD PEAK LOADS

**New York Independent System Operator  
ICAP 2007 Weather Normalization**

*for Central Hudson*

**(1) Estimate of 2006 Weather Normalized Coincident Peak Demand**

Row	Description	Value	Units	Notes
(a)	Normal CTHI, 1-in-2 Design Value	86.57	F	
(b)	Actual CTHI	90.08	F	
(c)	Delta CTHI	-3.51	F	(a) - (b)
(d)	CTHI Coefficient	28.11	MW/F	from regression model
(e)	MW Adjustment, Peak Hour	-99	MW	(c) * (d)
(f)	Hourly Coincidence Factor	0.995		from reference load profiles
(g)	MW Adjustment, at Coincident Hour	-98.4649	MW	(e) * (f)
(h)	Actual 2006 Coincident Load	1288	MW	
(i)	Normal 2006 Coincident Load	1190		(g) + (h)
(k)	Regional Load Growth Factor	1.000		(To be determined)
<b>(l)</b>	<b>Normal 2007 Coincident Peak Demand</b>	<b>1190</b>	<b>MW</b>	<b>(i) * (k)</b>

**New York Independent System Operator  
ICAP 2007 Weather Normalization**

*for Consolidated Edison*

**(1) Estimate of 2006 Weather Normalized Coincident Peak Demand**

Row	Description	Value	Units	Notes
(a)	Normal CTHI, 1-in-2 Design Value	88.19	F	
(b)	Actual CTHI	90.59	F	
(c)	Delta CTHI	-2.4	F	(a) - (b)
(d)	CTHI Coefficient	268	MW/F	from regression model
(e)	MW Adjustment, Peak Hour	-644	MW	(c) * (d)
(f)	Hourly Coincidence Factor	0.993		from reference load profiles
(g)	MW Adjustment, at Coincident Hour	-639.605	MW	(e) * (f)
(h)	Actual 2006 Coincident Load	13049	MW	
(i)	Normal 2006 Coincident Load	12409.21		(g) + (h)
(k)	Regional Load Growth Factor	1.000		To be determined.
<b>(l)</b>	<b>Normal 2007 Coincident Peak Demand</b>	<b>12409</b>	<b>MW</b>	<b>(i) * (k)</b>

**New York Independent System Operator  
ICAP 2007 Weather Normalization**

*for Long Island Power Authority*

**(1) Estimate of 2006 Weather Normalized Coincident Peak Demand**

Row	Description	Value	Units	Notes
(a)	Normal CTHI, 1-in-2 Design Value	84.92	F	
(b)	Actual CTHI	89.02	F	
(c)	Delta CTHI	-4.1	F	(a) - (b)
(d)	CTHI Coefficient	142.12	MW/F	from regression model
(e)	MW Adjustment, Peak Hour	-583	MW	(c) * (d)
(f)	Hourly Coincidence Factor	0.992		from reference load profiles
(g)	MW Adjustment, at Coincident Hour	-578	MW	(e) * (f)
(h)	Actual 2006 Coincident Load	5556	MW	
(i)	Normal 2006 Coincident Load	4978		(g) + (h)
(k)	Regional Load Growth Factor	1.000		To be determined.
<b>(l)</b>	<b>Normal 2007 Coincident Peak Demand</b>	<b>4978</b>	<b>MW</b>	<b>(i) * (k)</b>

**New York Independent System Operator  
ICAP 2007 Weather Normalization**

*for Niagara Mohawk*

**(1) Estimate of 2006 Weather Normalized Coincident Peak Demand**

Row	Description	Value	Units	Notes
(a)	Normal CTHI, 1-in-2 Design Value	82.47	F	
(b)	Actual CTHI	85.65	F	
(c)	Delta CTHI	-3.18	F	(a) - (b)
(d)	CTHI Coefficient	146.65	MW/F	from regression model
(e)	MW Adjustment, Peak Hour	-466	MW	(c) * (d)
(f)	Hourly Coincidence Factor	0.968		from reference load profiles
(g)	MW Adjustment, at Coincident Hour	-451.145	MW	(e) * (f)
(h)	Actual 2006 Coincident Load	7093.857	MW	
(i)	Normal 2006 Coincident Load	6642.712		(g) + (h)
(k)	Regional Load Growth Factor	1.000		To be determined.
<b>(l)</b>	<b>Normal 2007 Coincident Peak Demand</b>	<b>6643</b>	<b>MW</b>	<b>(i) * (k)</b>

**New York Independent System Operator  
ICAP 2007 Weather Normalization**

*for New York State Electric & Gas*

**(1) Estimate of 2006 Weather Normalized Coincident Peak Demand**

Row	Description	Value	Units	Notes
(a)	Normal CTHI, 1-in-2 Design Value	81.91	F	
(b)	Actual CTHI	85.31	F	
(c)	Delta CTHI	-3.4	F	(a) - (b)
(d)	CTHI Coefficient	70.92	MW/F	from regression model
(e)	MW Adjustment, Peak Hour	-241	MW	(c) * (d)
(f)	Hourly Coincidence Factor	0.997		from reference load profiles
(g)	MW Adjustment, at Coincident Hour	-240.286	MW	(e) * (f)
(h)	Actual 2006 Coincident Load	3115.562	MW	
(i)	Normal 2006 Coincident Load	2875		(g) + (h)
(k)	Regional Load Growth Factor	1.000		To be determined.
<b>(l)</b>	<b>Normal 2007 Coincident Peak Demand</b>	<b>2875</b>	<b>MW</b>	<b>(i) * (k)</b>

**New York Independent System Operator  
ICAP 2007 Weather Normalization**

*for Orange & Rockland*

**(1) Estimate of 2006 Weather Normalized Coincident Peak Demand**

Row	Description	Value	Units	Notes
(a)	Normal CTHI, 1-in-2 Design Value	86.86	F	
(b)	Actual CTHI	90.43	F	
(c)	Delta CTHI	-3.57	F	(a) - (b)
(d)	CTHI Coefficient	28.78	MW/F	from regression model
(e)	MW Adjustment, Peak Hour	-103	MW	(c) * (d)
(f)	Hourly Coincidence Factor	0.991		from reference load profiles
(g)	MW Adjustment, at Coincident Hour	-102.057	MW	(e) * (f)
(h)	Actual 2006 Coincident Load	1168.86	MW	
(i)	Normal 2006 Coincident Load	1067		(g) + (h)
(k)	Regional Load Growth Factor	1.000		To be determined.
<b>(l)</b>	<b>Normal 2007 Coincident Peak Demand</b>	<b>1067</b>	<b>MW</b>	<b>(i) * (k)</b>

**New York Independent System Operator  
ICAP 2007 Weather Normalization**

*for Rochester Gas & Electric*

**(1) Estimate of 2006 Weather Normalized Coincident Peak Demand**

Row	Description	Value	Units	Notes
(a)	Normal CTHI, 1-in-2 Design Value	85.16	F	
(b)	Actual CTHI	87.72	F	
(c)	Delta CTHI	-2.56	F	(a) - (b)
(d)	CTHI Coefficient	42.21	MW/F	from regression model
(e)	MW Adjustment, Peak Hour	-108	MW	(c) * (d)
(f)	Hourly Coincidence Factor	0.995		from reference load profiles
(g)	MW Adjustment, at Coincident Hour	-107.439	MW	(e) * (f)
(h)	Actual 2006 Coincident Load	1626	MW	
(i)	Normal 2006 Coincident Load	1519		(g) + (h)
(k)	Regional Load Growth Factor	1.000		To be determined.
<b>(l)</b>	<b>Normal 2007 Coincident Peak Demand</b>	<b>1519</b>	<b>MW</b>	<b>(i) * (k)</b>