

Icetek Technology

- Real Time Control Engines
- iTrend interface to database engines
- iPlant real time plant logging system
- iHMI operator interface
- Interface to real time energy markets
- Interface to Nymex
- Interface to wholesale trading
- Billing systems
- VIX
- Long and short term energy trading

MTC-LANDOVER Control Display [Version 1.0]

Compressors

Engine Room

Logs

Temperatures

Freezer 1 & 2

Freezer 50

Freezer 60

Convertibles

Coolers

Docks

Blast Freezers

Calibrations

Alarms

Market

Welcome



PEPCO Market Prices

5 Min Signal

\$ 29.3

Hourly Avg

\$ 28.3

Last hour

\$ 29.4

Est. PJM Capacity

28,360.0 Mw

Plant Power Usage

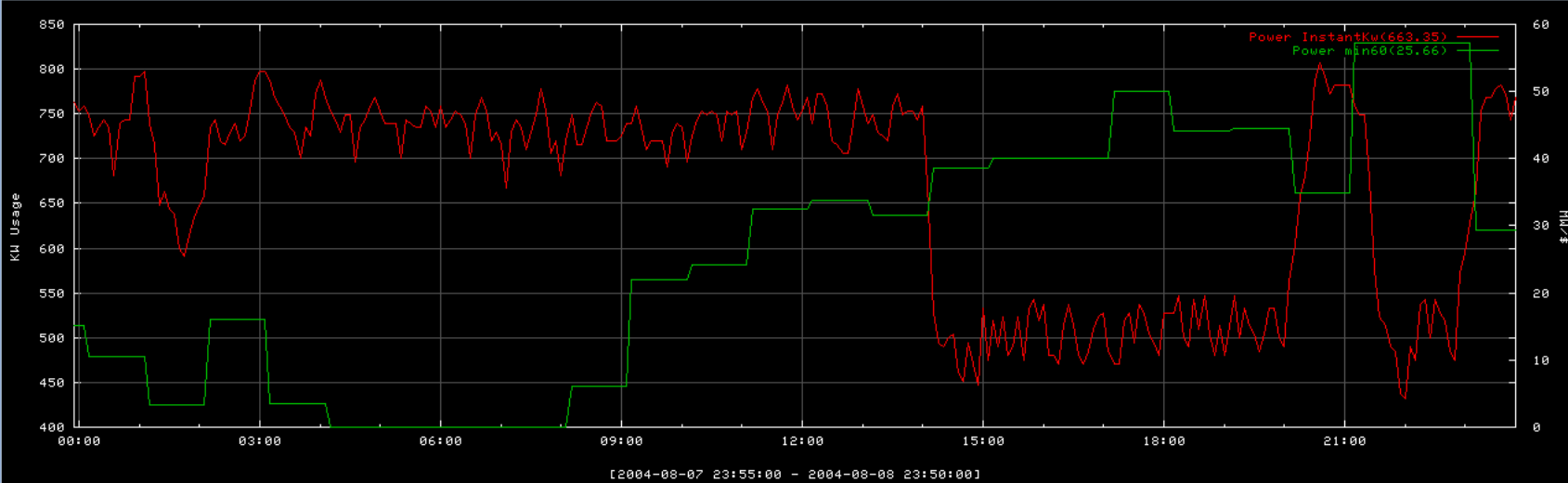
Last Hour **xxxx.x Kw**

Current Load **748.8 Kw**

Meter #1 **523.2 Kw**

Meter #2 **225.6 Kw**

Meter Market Energy Usage VS Energy Price



Sun Aug 08 23:51:06 2004

[2004-08-07 23:55:00 - 2004-08-08 23:50:00]

Shed Status:

Alarm Status:

PEPCO Hr Avg: **\$ 28.3**

Current Load: **748.8 kw**

Merchants Terminal - Landover Facility

System Time: 2004/08/08 23:52:35

Icetek Inc. 2004

Shed Status Alarm Status

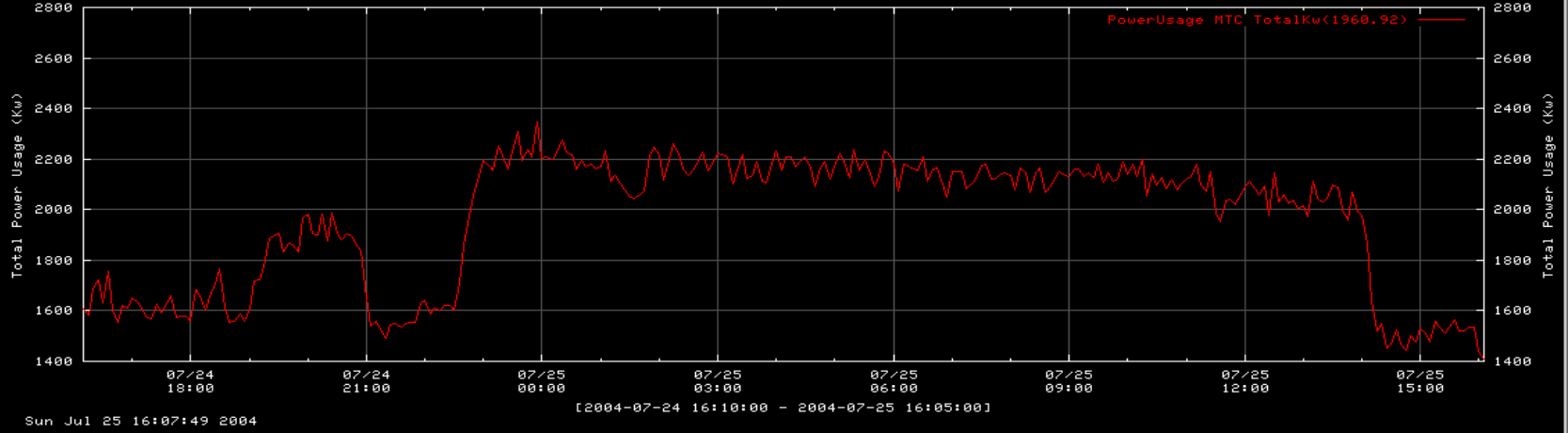
Baltimore	319 KW	Shedding	Normal
Jessup	570 KW	Shedding	Normal
Landover	490 KW	Shedding	Normal
Total	1378 KW		

LMP Market Prices

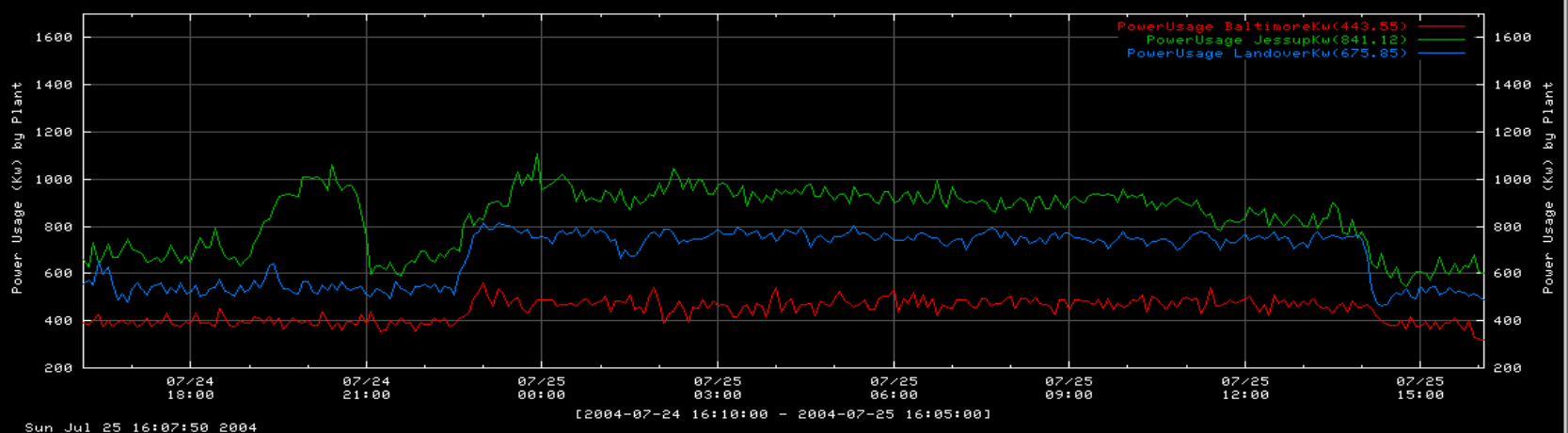
	PEPCO	BGE
Last Hour	\$ 40.90	\$ 40.00
Hrly Avg	\$ 39.75	\$ 38.87



24hr Trend of Total Power Usage (Kw)



24hr Trend of Power Usage (Kw) by Site



Properties Graph

Last 4 days:

Update Graph

Get printable image of this graph

Fetch Graph

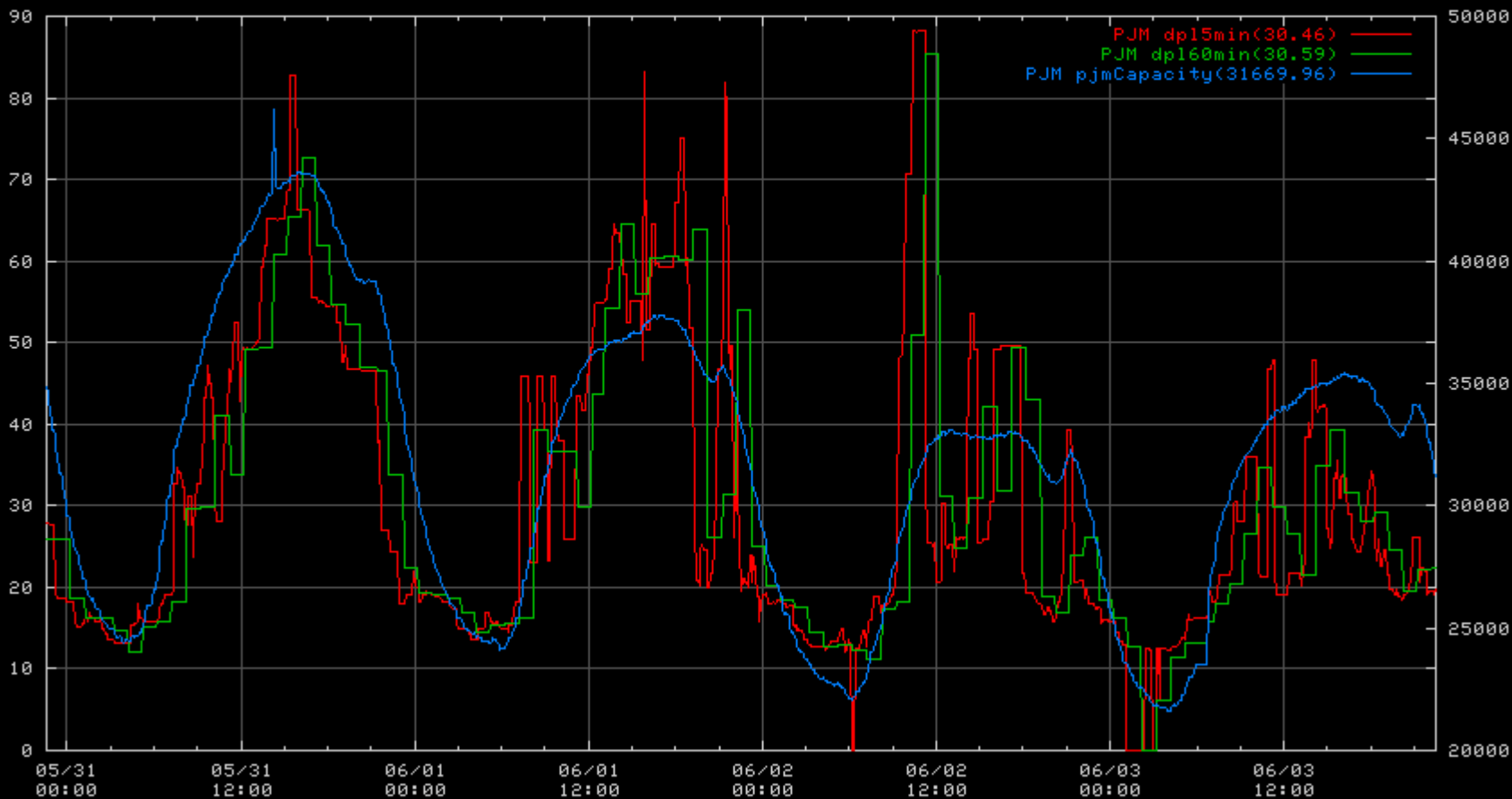
920

660

History Tab

History 1

Add



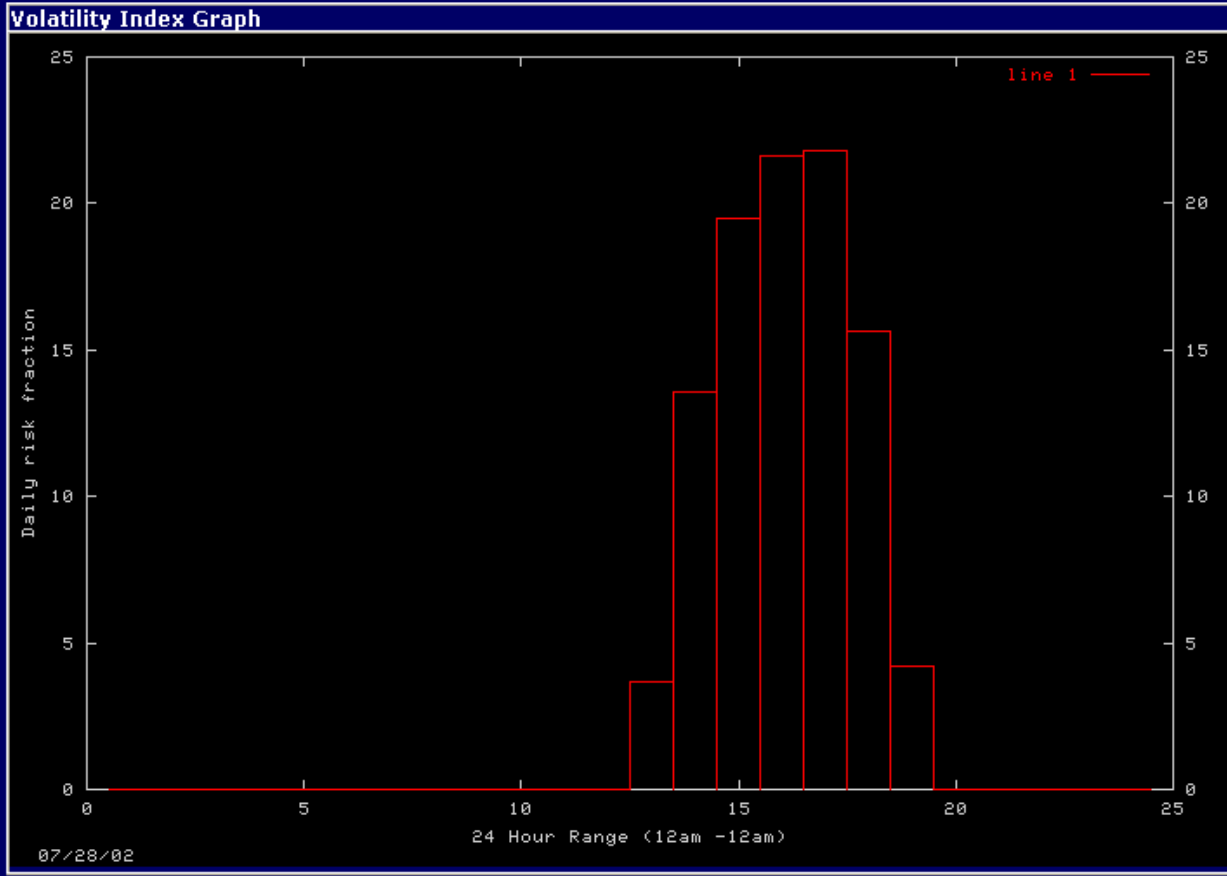
[2002-05-30 22:35:00 - 2002-06-03 22:30:00]

Mon Jun 03 22:32:43 2002

Plant 1
Plant 2
Plant 3

- 📁 Icetec Home
 - 📁 Market Pricing
 - 📊 Last 24 Hours
 - 📊 Volatility Index
 - 📁 Main Data Trends
 - 📊 DW Loads
 - 📊 Load for P1 & P2
 - 📁 Power Usage
 - 📁 Plant 1
 - 📁 Plant 2
 - 📁 Plant 3
 - 📁 Ambient

Interactive Graphing [➔GO](#)



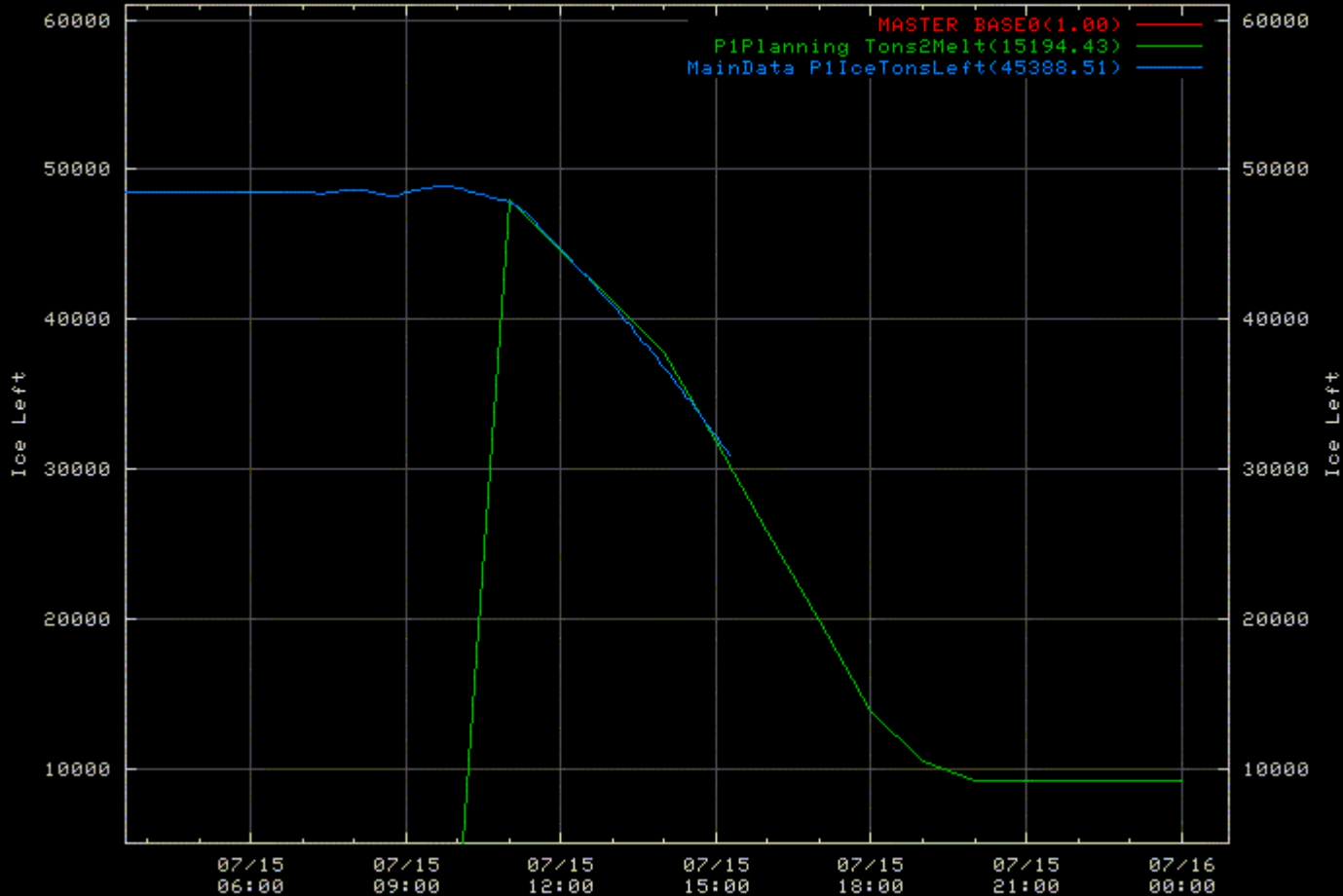
Volatility Index

BGE Pricing

5Min 50.3	60Min 83.2	5MinAvg 67.37499968210	Total KW 8122.3203
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PLANT1:: ICE MELT CURVE

ICE MELT : **ENABLE**





Properties Graph

Last days:

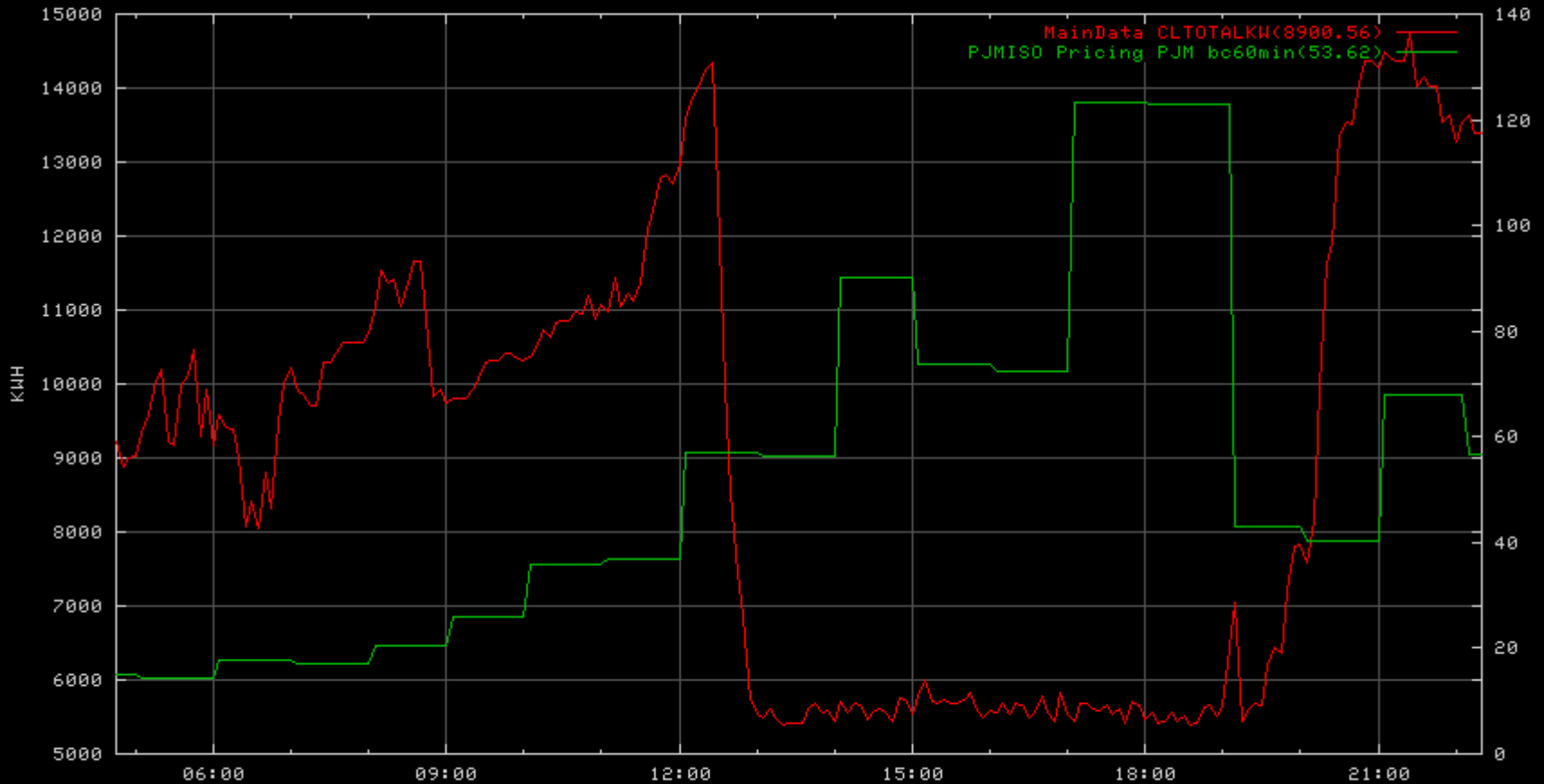
Update Graph

Get printable image of this graph

Fetch Graph

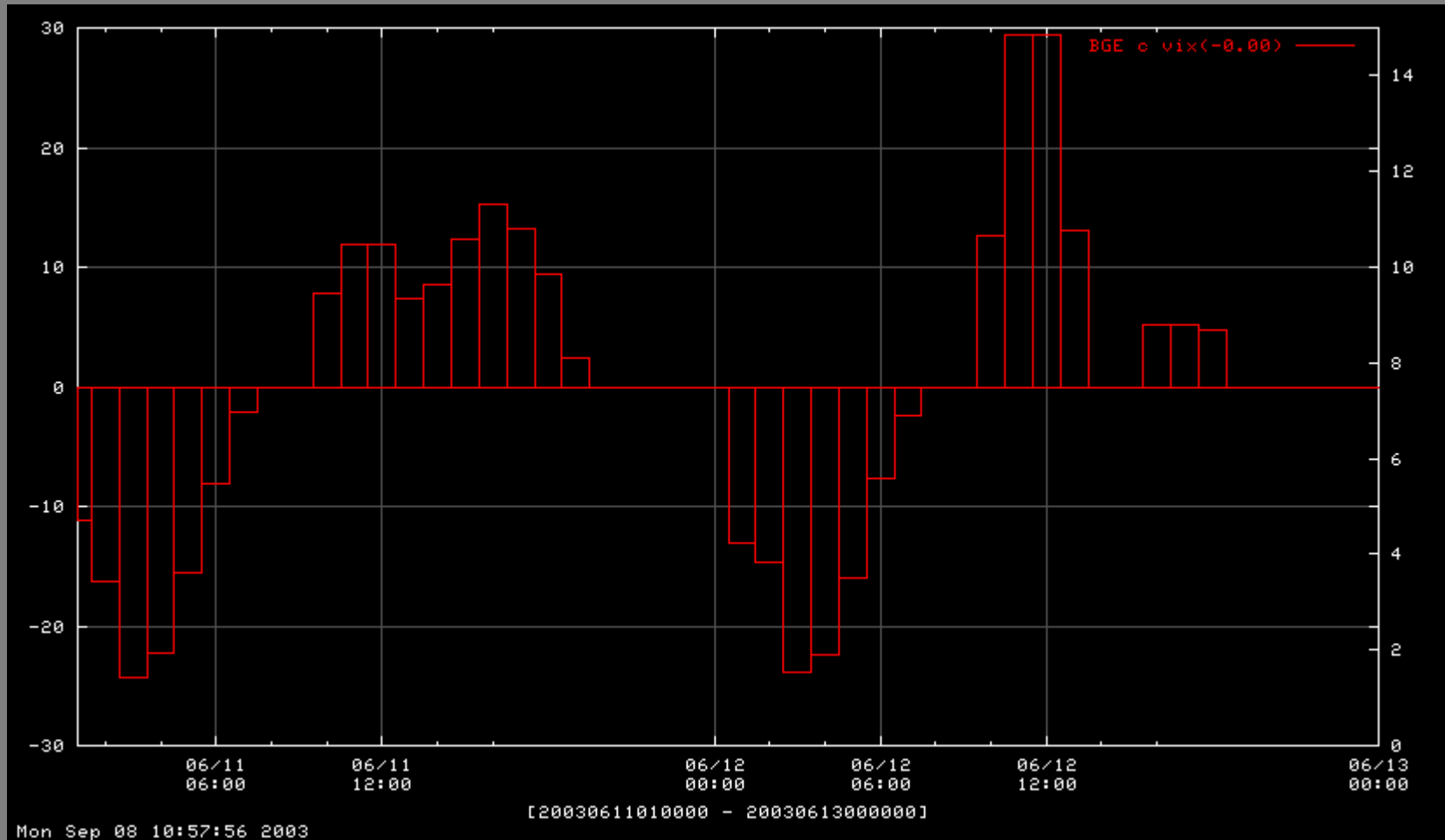
History Tab

Add



[20020717044500 - 20020717222000]

Wed Jul 17 22:34:20 2002



Two Day Volatility Index



Integration – Execution of market based strategies using:

- Real time market analytics
- Predictive strategies
- Market forwards, underlying fuel futures
- Process analytics and feedback
- Internet technologies
- Database technologies
- Procurement and risk management
- Efficiency Management

