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Dear OPRA Market Data Recipients:

The OPRA participants have updated their traffic projections for 2012 & 2013. In addition, to accommodate the recent high traffic rates, the participants have made an additional projection for October, 2011. These MPS projections are based on a 1 second interval.

OPRA will increase the potential traffic rate from SIAC at the opening on the indicated date. The bandwidth required to receive data via your SFTI connection is reflected in Gigabits per second.

Two redundant streams of data are available from SIAC. These projections are for one stream.

	Required Capacity Messages Per Second (MPS)	Bandwidth Gigabits Per Second (Gbps)	Bandwidth Plus 10% for Retransmissions	Total Messages Per Day
10/25/2011	6,566,000	1.58	1.74	21.3 Billion
1/5/2012	7,866,000	1.89	2.08	22.5 Billion
7/10/2012	9,127,000	2.19	2.41	24.2 Billion
* January 2013	10,380,000	2.49	2.74	26.2 Billion

* Exact date to be determined

Maximum Output Rate

The maximum output rate on an individual Multicast Line for OPRA will be 250,000 MPS (60.0 Megabits Per Second)

Peak Packets

The peak packets for OPRA will be 600,000 packets per second.

Latency*

The average latency for OPRA is under 1 millisecond.

**Latency is measured from the time the messages are received from the Participant to when they are sent out by SIAC.*

Very truly yours,

Joe Corrigan
Executive Director