

Hypothetical Pricing Example
for 10-Minute GT Supplemental Commitments in RTD

First, assume GT 1 has the following bid parameters;

Upper Operating Limit = 40MW

Start Up Cost = \$480

Incremental energy offer = \$100/MW

Then, the adjusted incremental energy offer for use

In the RTD 10-minute GT Supplemental Commitment = $\$100/\text{MW} + [\$480/\text{MW} / 40\text{MW}]$
= \$112/MW

Pricing Example for 10-Minute GT Supplemental Commitments in RTD					
RTD Posting Interval	Unit	Ideal Dispatch	Physical Dispatch	Market Basepoint	NYC ZONE LBMP
1300	GT 1	0	0	0	\$75/MW
1305	GT 1	35	35	0	\$112/MW
1310	GT 1	35	35	0	\$112/MW
1315	GT 1	35	40	40	\$100/MW
1320	GT 1	35	40	40	\$100/MW
1325	GT 1	35	40	40	\$100/MW
1330	GT 1	35	40	40	\$100/MW

RTD 1300: No operational uncertainties exist between RTC and RTD;

GT 1 not economic or necessary to meet load

RTD 1305: Phase angle regulator assumptions differ between RTC and RTD affecting NY area transmission constraints; GT 1 now economic using adjusted RTD energy offer

RTD 1305+: Operators commit GT1;

GT 1 base-points sent out for next available RTD interval at 1315

RTD 1310: GT 1 economic to meet load using adjusted incremental energy offer

RTD 1315: GT 1 economic to meet load using as-bid incremental energy

RTD 1320: GT 1 economic to meet load using as-bid incremental energy

RTD 1325: GT 1 economic to meet load using as-bid incremental energy

RTD 1330: GT 1 economic to meet load using as-bid incremental energy

RTG – 5/13/05