

# Intraday Cost Schedule Updating

GUCC

October 17th, 2014

- Utilizing the current 72 available Cost Schedules reflecting cost in increments
- Cost Schedule Values will be locked in at 18:00 prior day (except Schedule Availability and Notification Time which can be updated hourly)
- *PJM & MA are thinking:* Price Schedule must be made unavailable at 18:00 to be eligible for Cost switching
- Schedules can be made available or unavailable hourly to more accurately reflect the resources cost based on a three hour sliding lock out (two plus hours in advance of the operating hour)
- **Committed** resources are unable to change Cost Schedule for Day-Ahead or RAC **committed hours**
- Units **committed** in Real-time are unable to change Cost Schedule until **released**



HE 02

HE 03

HE 04

HE 05

HE 06



Schedule Availability Cannot be updated



Availability Can be updated

Hour Ending

Fuel	Schedule	Hour Ending																							
		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Oil	\$72	—————→																							
Oil	\$71	—————→																							
Gas	\$70	—————→																							
Gas	\$69	—————→																							
Price	\$68	- - - - -→																							
Gas	\$67	—————→																							
Gas	\$66	—————→																	- - - - -→						
Gas	\$65	—————→															- - - - -→								
Gas	\$64	—————→												- - - - -→						—————→					
Gas	\$63	- - - - -→																							

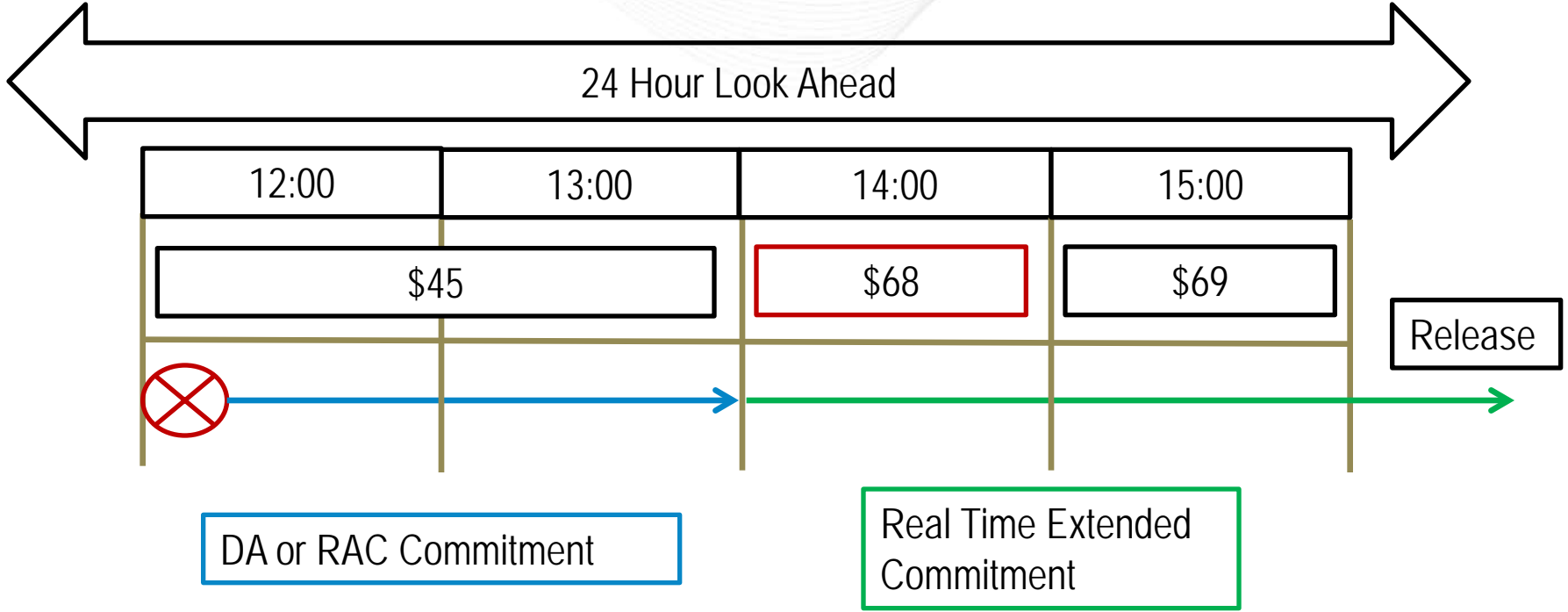
**Schedule Offers Search**

Portfolio:    Unit:    Date:    
 (mm/dd/yyyy)  

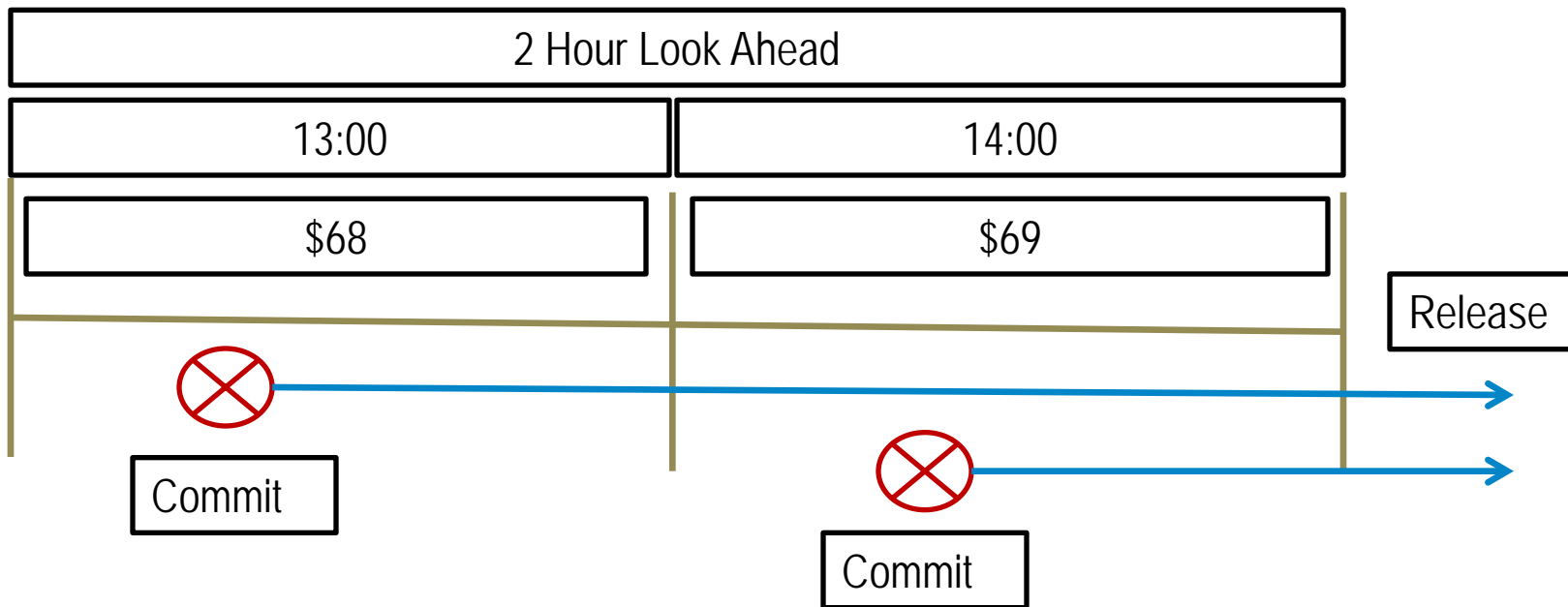
Schedule:    HOUR:

Hour Ending	Schedule Name	Schedule Description	Schedule Type	Available	Notification Time
1	S GAS	CT S GAS	15-Cost-PLS	Available	10
1	C GAS	CT C GAS	16-Cost-PLS	Not Available	24
1	PLS	PLS	77-Price-PLS	Not Available	13
1	Price	CT PRICE	99-Price	Not Available	null

# CT or Steam with DA or RAC Commitment



# IT SCED or Real Time Committed Resources



- Under M11: Section 2.3.3 Market Sellers

- Generation resources that are scheduled in the Day-ahead Market have a financial obligation to sell their output in real-time. Provisions exist in the Tariff that permit make whole payments to be made to those combustion turbines that are scheduled in the Day-ahead Market and then not called on in real-time by PJM that are further defined in PJM Manual M-28.
- When a generation resource is not committed by PJM the market seller may update schedule availability hourly three hours prior to the operating hour.
- A generation resource may not change schedule availability once it has been committed PJM for the hours in which it is committed.
- Generation Capacity Resources that have notification, startup, and minimum run times that exceed 24 hours must submit binding offer prices for the next seven days.



