

Single	Product	Example:	Load	=	2600 MW,	Reserve	Req	=	100 MW				
Resource	Energy Offer (\$/Mwh)	Minimum (MW)_	Maximum (MW)	Output (MW)	Reserve Capability (ramp* 30-minutes)	OpportunityCost (\$/MWh)	Reserve Assignment (ramp*30-minutes)	cost @ output	Energy Revenue	Reserve revenue	Energy + Reserve	BORC	% of cost
A	10	100	500	500	20	0	0	\$5,000	\$27,500	\$0	\$27,500	(\$22,500)	550.00%
B	20	100	500	500	40	0	0	\$10,000	\$27,500	\$0	\$27,500	(\$17,500)	275.00%
C	30	100	500	500	60	0	0	\$15,000	\$27,500	\$0	\$27,500	(\$12,500)	183.33%
D	50	100	500	495	70	5	5	\$24,750	\$27,225	\$25	\$27,250	(\$2,500)	110.10%
E	55	100	500	405	30	0	30	\$22,275	\$22,275	\$150	\$22,425	(\$150)	100.67%
F	70	100	500	100	25	0	25	\$7,000	\$5,500	\$125	\$5,625	\$1,375	80.36%
G	80	100	500	100	40	0	40	\$8,000	\$5,500	\$200	\$5,700	\$2,300	71.25%
<b>Totals</b>		<b>700</b>	<b>3500</b>	<b>2600</b>	<b>285</b>		<b>100</b>						
		LMP			\$55								
		Reserve	MCP		\$5								

Units F&G were committed 'outside market'. ExtraOrdinary set at ECO Min = 100

Single	Product	Example:	Load	=	2600 MW,	ExtraOrdinary	Req	=	250 MW					
Resource	Energy Offer (\$/Mwh)	Minimum (MW)_	Maximum (MW)	Output (MW)	ExtraOrdinary Capability (ramp* 30-minutes)	OpportunityCost (\$/MWh)	ExtraOrdinary Assignment (ramp*30-minutes)	cost @ output	Energy Revenue	Reserve revenue	Energy + Reserve	BORC	% of cost	
A	10	100	500	500	20	\$0	0	\$5,000	\$35,000	\$0	\$35,000	(\$30,000)	700.00%	
B	20	100	500	490	40	\$50	10	\$9,800	\$34,300	\$500	\$34,800	(\$25,000)	355.10%	
C	30	100	500	440	60	\$40	60	\$13,200	\$30,800	\$3,000	\$33,800	(\$20,600)	256.06%	
D	50	100	500	430	70	\$20	70	\$21,500	\$30,100	\$3,500	\$33,600	(\$12,100)	156.28%	
E	55	100	500	470	30	\$15	30	\$25,850	\$32,900	\$1,500	\$34,400	(\$8,550)	133.08%	
F	70	100	250	170	30	\$0	30	\$11,900	\$11,900	\$1,500	\$13,400	(\$1,500)	112.61%	
G	80	100	250	100	50	(\$10)	50	\$8,000	\$7,000	\$2,500	\$9,500	(\$1,500)	118.75%	
<b>Totals</b>		700		<b>2600</b>	300		<b>250</b>							
		LMP		\$70										
		Reserve	MCP	\$50										

Units F&G were committed 'outside market'. ExtraOrdinary set at ECO Max = 250