Required Generator Modeling Data for MAPS	Unit of Measure	Variable	Example Combined Cycle Plant	Repowering Plant Type				
				Dunkirk				
				Combined Cycle	Gas Retrofit	Gas Retrofit	Gas Retrofit	Peakers
				D1	Unit 2	Unit 3	Unit 4	D3
# Units	#	-	4	1x1	1	1	1	6
Unit Max Rated Power (Winter)	MW	UNT-YTHD	250	466 (fired), 441 (unfired)	75	190	190	313 (52 MW/turbine)
Unit Operating Power Points	MW	UNT-POPT	150, 250	466 (fired) 441 (unfired) 261 (min)	75 (max), 60, 45, 35 (min)	185 (max), 140, 100, 60 (min)	185 (max), 140, 100, 60 (min)	47.5/unit (full) 42.8/unit (part) 35.6/unit (min)
Summer Max Rating	MW	UNT-YTHD	225	382 (fired), 348 (unfired)	75	185	185	245 (40.8 MW/turbine)
Incremental Heat Rate @ Each Power Point	Btu/kWh	UNT-POPT	8000, 0	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
SO2 & NOx Emission Rates @ Each Power Point	lbs/MWh	UNT-EMRT	**SO2:** 0.01, 0.01 **NOx:** 0.10, 0.10	SO2: 0.00006 **lb/hr** NOx: 0.056 lb/mwh	SO2: 0.002 lb/mwh NOx: 0.409 lb/mwh	SO2: 0.002 lb/mwh NOx: 0.409 lb/mwh	SO2: 0.002 lb/mwh NOx: 0.409 lb/mwh	SO2: 0.00204 lb/mwh NOx: 9.553 lb/mwh
Variable O&M Cost	$/MWh	MNT-COST	3	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Forced Outage Rate @ Each Power Point	%	UNT-POPT	6	5.00%	capacity-only contract	capacity-only contract	capacity-only contract	5.00%
Maintenance Period	Dates	MNT-FIXD	**Unit 1 & 3:** 1/15-2/15 **Unit 2 & 4:** 11/15-12/15					
Minimum Up/Down Times	Hours	UNT-MISC	8/8	4/1	24/48	24/48	24/48	1/1
Fuel Type(s)	Name	UNT-FUEL	Natural Gas	Natural Gas	Natural Gas	Natural Gas	Natural Gas	Natural Gas
Startup Energy	MBTU	UNT-FUEL	12000	432 mmbtu to full CT load 3,766 mmbtu to full load (cold, 3 hrs to full load) 2,394 mmbtu to full load (warm, 1.5 hrs to full load) 2,126 mmbtu (hot, 45 min to full load)	[redacted]	[redacted]	[redacted]	[redacted]
Fuel Input @ Minimum Power	MBTU/HR	UNT-YTHD	1200	1827	[redacted]	[redacted]	[redacted]	[redacted]
Fuel Switching?	Y/N	UNT-FLSW	N	N (dual fuel capability available but not offered in current design)	N	N	N	N
Quick Start Reserve and Spinning Reserve Capability	% of Pmax	ORP-UNIT	10, 20	CCGT units can be 10 minute start, but the configuration as priced does not include fast-start.	N/A	N/A	N/A	10-min start
Required Generator Modeling Data for Powerflow		-						
Unit Max Rated Power	MW	PMAX	250	CTG 320 STG 143	100	200	200	58
Maximum Reactive Power Output	MVAr	QMAX	120	CTG 169 (@ .85 lagging) STG 75 (@ .85 lagging)	74	126	126	31 (@. 85 lagging)
Maximum Reactive Power Absorbtion	MVAr	QMIN	-120	CTG 100 (@.95 leading) STG 45 (@.95 leading)	-16	-13	-13	18 (@ .95 leading)

Please explain what "Maintenance Period" is meant to capture.