

2LM6000 MAPS Simulation in Zone J

NYCA Expansion

Year	Type	Capacity (MW)	Agency	LM6000 Capacity Factor			
				LM6K0001	LM6K0002	Average	
2004	EAST RIVER	350	NYC				
2005	2 LM6K, ALBANY	80+700	NYC, NYCAP	2005	3.0%	3.0%	3.0%
2006	SES ASTORIA	500	NYC	2006	0.2%	0.2%	0.2%
2007	POLETTI	250	NYC	2007	0.1%	0.1%	0.1%
2008	NYPA CC	458	NYC	2008	0.0%	0.0%	0.0%
2009				2009	2.5%	2.6%	2.5%
2010	SES ASTORIA	500	NYC	2010	2.5%	2.7%	2.6%
2011				2011	0.3%	0.3%	0.3%
2012	GT	180	NYCAP	2012	0.3%	0.2%	0.2%
2013	LM6K+CC	120+230	NYN, NYHUD	2013	0.8%	0.7%	0.7%
2014	LM6K+CC	40+230	NYC, NYGEN	2014	1.5%	1.5%	1.5%
2015	2CC	460	NYC, NYHUD	2015	1.2%	1.2%	1.2%
2016	LM6K+GT+CC	40+120+230	NYC, NYGEN, NYCAP	2016	5.6%	5.8%	5.7%
2017	LM6K+GT+CC	40+180+230	NYC, NYCAP, NYGEN	2017	4.3%	4.7%	4.5%
2018	GT+CC	80+320	NYMIL, NYMOV, NYLI	2018	5.5%	6.2%	5.9%
2019	CC	280	NYC	2019	7.2%	6.9%	7.1%
2020	CC	230	NYLI	2020	9.2%	9.3%	9.3%
2021	CC	230	NYWZ	2021	9.1%	9.2%	9.1%
2022	GT+CC	280+230	NYC	2022	11.4%	10.9%	11.2%
2023	CC	320	NYLI				
2024							
2025							
2026							

All planned expansions are included; only Zone J and ROS are listed here.
 Poletti Expansion is listed as 500 MW in NYISO 2004 Load and Capacity Data.
 Existing Poletti steam electric unit retirement in 2008

Variable operating cost exceptions for 2 LM6000 units in this simulation:
 VOM rate for the 2 LM6K's was lowered from \$4.50 /Mwh to \$1.00/Mwh
 LDC gas transportation charge of \$0.19/dkt was eliminated