

**Information for Potomac Electric Power Company
PEPCO Zone
Capacity and Transmission
Peak Load Calculations for Year 2018**

This report provides information related to the Capacity and Transmission PLC calculations for DC and MD based on 2017 peak data.

2017 PEPCO Zone Capacity Peak Hours

	1	2	3	4	5
Day of Peak	6/12/2017	6/13/2017	7/19/2017	7/20/2017	7/21/2017
Hour of Peak	18	17	18	17	17

2017 Weather-normalized Coincident Peak – Pepco Zone (MW)*: 5,850.0

2017 PJM Allocated Weather-normalized Coincident Peak for PEPCO (MW): 5,147.9

2017 PEPCO Zone Transmission Peak Hours

	1	2	3	4	5
Day of Peak	7/13/2017	07/14/2017	7/19/2017	7/20/2017	7/21/2017
Hour of Peak	19	16	18	18	18

2017 Pepco Zone Transmission Peak Load (MW)* on 7/20/2017 HE 18: 6,097.4

2017 PEPCO Transmission Peak Load (MW) on 7/20/2017 @ HE 18: 5363.2

*includes FMEDC load

Reconciliation Factors

Capacity PLC	0.992783
Transmission PLC	1.014710

UFE Factors for 2018 Capacity PLC

Peak Date	6/12/2017	6/13/2017	7/19/2017	7/20/2017	7/21/2017
Hour	18	17	18	17	17
	0.983074	0.983257	0.978314	0.977219	0.914091

UFE Factors for 2018 Transmission PLC

Peak Date	7/13/2017	07/14/2017	7/19/2017	7/20/2017	7/21/2017
Hour	19	16	18	18	18
	0.984465	0.977713	0.978309	0.982269	0.985015

Alpha Factors for 2018 Capacity PLC

Peak Date and Hour	6/12/2017 18	6/13/2017 17	7/19/2017 18	7/20/2017 17	7/21/2017 17
Jurisdiction					
DC	-3.44126	-4.14474	-3.44126	-4.14474	-4.11474
MD	-2.51714	-2.76528	-2.51714	-2.76528	-2.76528

Alpha Factors for 2018 Transmission PLC

Peak Date and Hour	7/13/2017	07/14/2017	7/19/2017	7/20/2017	7/21/2017
Jurisdiction	19	16	18	18	18
DC	-3.44126	-4.40237	-3.44126	-3.44126	-3.44126
MD	-2.51714	-2.869	-2.51714	-2.51714	-2.51714

Default Peak Load Contributions - DC

Profile	Loss Factors (Demand)	2018 Default Capacity PLC (effective 6/1/2018)	2018 Default Transmission PLC (effective 1/1/2018)
DCGTHV	1.0595	2,521.1	2,644.6
DCGS	1.0941	24.2	25.2
DCGT	1.0941	363.5	373.4
DCHV	1.0770	36.9	39.5
DCND	1.0963	2.5	2.6
DCNDT	1.0963	8.8	9.0
DCMMA	1.0963	61.2	66.8
DMGT1	1.0941	449.6	436.2
DMGT2	1.0941	472.2	473.2
DMGT3	1.0941	118.7	122.7
DMGT4	1.0941	101.8	104.3
DMGTN	1.0941	194.9	201.4
DMGTS	1.0941	260.8	266.2
DRTM	1.0963	10.2	10.8
DSGT	1.0941	24.1	25.2
MMA1	1.0963	60.9	66.4
MMA2	1.0963	88.3	94.8
RAD	1.0963	2.0	2.1
RADAE	1.0963	1.8	2.0
RDNS	1.0963	2.1	2.3
RDSH	1.0963	1.3	1.5
SL	1.0989	0	0
TS	1.0989	418.8	434.4
TN	1.0989	244.3	253.5

Default Peak Load Contributions - MD

Profile	Loss Factors (Demand)	2018 Default Capacity PLC (effective 6/1/2018)	2018 Default Transmission PLC (effective 1/1/2018)
MDND	1.0964	2.5	2.6
MDGT	1.0963	1428.7	1484.6
MDMGT	1.0963	49.7	51.5
MGT3A	1.0790	3,464.6	3,647.3
MGT3B	1.0442	4,119.3	4,403.0
MGTLV	1.0941	734.0	742.1
MMGTH2B	1.0790	136.4	143.7
MMGTH3	1.0790	663.5	699.7
MMGTL2B	1.0963	44.9	46.6

MMGTL3	1.0963	495.5	510.7
MRTMNS	1.0963	4.7	4.9
MRTMSH	1.0963	4.7	4.8
RMNS	1.0963	2.8	2.9
RMSH	1.0963	2.2	2.3
SL	1.0989	0	0
TN	1.0989	244.3	253.5

Note: MMGTH2A and MMGTL2B profiles were merged with MMGTH2B and MMGTL2B respectively.