

**Information for Potomac Electric Power Company  
PEPCO Zone  
Capacity and Transmission  
Peak Load Calculations for Year 2019**

This report provides information related to the Capacity and Transmission PLC calculations for DC and MD based on 2018 peak data.

**2018 PEPCO Zone Capacity Peak Hours**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Day of Peak</b>	6/18/2018	8/27/2018	8/28/2018	9/4/2018	9/5/2018
<b>Hour of Peak</b>	17	17	17	17	17

2018 Weather-normalized Coincident Peak – Pepco Zone (MW)\*: 5,840.0

2018 PJM Allocated Weather-normalized Coincident Peak for PEPCO (MW): 5,129.7

**2018 PEPCO Zone Transmission Peak Hours**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Day of Peak</b>	7/2/2018	7/3/2018	8/28/2018	8/29/2018	9/6/2018
<b>Hour of Peak</b>	18	16	17	18	17

2018 Pepco Zone Transmission Peak Load (MW)\* on 9/6/2018 HE 17: 6,412.0

2018 PEPCO Transmission Peak Load (MW) on 9/6/2018 @ HE 17: 5660.6

\*includes FMEDC load

**Reconciliation Factors**

<b>Capacity PLC</b>	0.999552
<b>Transmission PLC</b>	1.043987

**UFE Factors for 2019 Capacity PLC**

<b>Peak Date</b>	6/18/2018	8/27/2018	8/28/2018	9/4/2018	9/5/2018
<b>Hour</b>	17	17	17	17	17
	0.982801	0.961481	0.967494	0.967910	0.965159

**UFE Factors for 2019 Transmission PLC**

<b>Peak Date</b>	7/2/2018	7/3/2018	8/28/2018	8/29/2018	9/6/2018
<b>Hour</b>	18	16	17	18	17
	0.974419	0.970989	0.967494	0.967611	1.032422

**Alpha Factors for 2019 Capacity PLC**

<b>Peak Date and Hour</b>	6/18/2018 17	8/27/2018 17	8/28/2018 17	9/4/2018 17	9/5/2018 17
<b>Jurisdiction</b>					
<b>DC</b>	-2.9426	-2.92834	-3.09694	-2.67426	-2.94995
<b>MD</b>	-2.64824	-2.56685	-2.64427	-2.36004	-2.58663

**Alpha Factors for 2019 Transmission PLC**

<b>Peak Date and Hour</b>	7/2/2018	7/3/2018	8/28/2018	8/29/2018	9/6/2018
<b>Jurisdiction</b>	18	16	17	18	17
<b>DC</b>	-3.27871	-3.40083	-3.09694	-3.1781	-3.01867
<b>MD</b>	-3.04656	-3.05241	-2.64427	-2.87244	-2.53634

#### Default Peak Load Contributions - DC

<b>Profile</b>	<b>Loss Factors (Demand)</b>	<b>2019 Default Capacity PLC (effective 6/1/2019)</b>	<b>2019 Default Transmission PLC (effective 1/1/2019)</b>
DCGS	1.09630	23.5	25.6
DCGT	1.09630	379.5	397.5
DCMMA	1.09630	59.6	66.5
DCND	1.09630	2.5	2.7
DRTM	1.09630	9.8	11.1
RDNS	1.09630	1.9	2.2
RDSH	1.09630	1.3	1.5
SL	1.09890	0	0
TN	1.09890	246.5	261.1
TS	1.09890	422.5	447.4

#### Default Peak Load Contributions - MD

<b>Profile</b>	<b>Loss Factors (Demand)</b>	<b>2019 Default Capacity PLC (effective 6/1/2019)</b>	<b>2019 Default Transmission PLC (effective 1/1/2019)</b>
MDGT	1.09630	1469.7	1576.8
MDMGT	1.09630	51.1	54.7
MDND	1.09630	2.6	2.8
MRTMSH	1.09630	4.3	5.0
MRTMNS	1.09630	4.3	5.0
RMNS	1.09630	2.5	3.0
RMSH	1.09630	2.0	2.4
SL	1.09890	0	0
TN	1.09890	246.5	261.1