

**Information for Atlantic City Electric  
Atlantic Zone  
Capacity and Transmission  
Peak Load Calculations for Year 2022**

This report provides information related to the Capacity and Transmission PLC calculations for NJ based on 2021 peak data.

**2021 Atlantic Zone Capacity Peak Hours**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Day of Peak</b>	8/24/2021	8/12/2021	6/29/2021	7/06/2021	8/26/2021
<b>Hour of Peak</b>	18	17	17	17	16

2021 Weather-normalized Coincident Peak – Atlantic Zone (MW): 2,430.0\*

2021 PJM Allocated Weather-normalized Coincident Peak for AE (MW): 2,285.9

\*includes FMEDC load

**2021 Atlantic Zone Transmission Peak Hours**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Day of Peak</b>	8/13/2021	8/12/2021	7/16/2021	8/11/2021	8/14/2021
<b>Hour of Peak</b>	19	19	19	19	19

2021 Atlantic Zone Transmission Peak Load (MW) on 8/13/2021 @ HE 19: 2631.0\*

2021 ACE Transmission Peak Load (MW) on 8/13/2021 @ HE 19: 2481.8

\*includes FMEDC load

**Reconciliation Factors**

<b>Capacity PLC</b>	1.02579043824813
<b>Transmission PLC</b>	1.02824876877559

**Atlantic Zone Peak Loss Factors**

<b>Voltage Code</b>	<b>Description</b>	<b>Loss Factor</b>
1	Secondary (120 - 480 Volts)	1.08199
2	Primary (4,000 & 12,000 Volts)	1.06076
3	Subtransmission (23,000 & 34,500 Volts)	1.03841
4	Transmission (69,000 Volts)	1.02840

**UFE Factors for 2022 Capacity PLC**

Peak Date Hour	6/29/2021 17	7/6/2021 17	8/12/2021 17	8/24/2021 18	8/26/2021 16
	1.054166428	0.992889098	1.068372767	1.092569946	1.108282787

**UFE Factors for 2022 Transmission PLC**

Peak Date Hour	7/16/2021 19	8/11/2021 19	8/12/2021 19	8/13/2021 19	8/14/2021 19
	0.948040538	1.034225927	1.054713282	0.980202877	0.94620254

**Alpha Factors for 2022 Capacity PLC**

Peak Date and Hour	6/29/2021 17	7/6/2021 17	8/12/2021 17	8/24/2021 18	8/26/2021 16
Jurisdiction					
NJ	-3.03341	-2.84738	-2.79277	-2.5497	-2.42729

**Alpha Factors for 2022 Transmission PLC**

Peak Date and Hour	7/16/2021 19	8/11/2021 19	8/12/2021 19	8/13/2021 19	8/14/2021 19
Jurisdiction					
NJ	-2.89373	-2.81119	-2.91688	-2.92202	-2.69765

**Default Peak Load Contributions- New Jersey**

Profile	2022 Default Capacity PLC (effective 6/1/2022)	2022 Default Transmission PLC (effective 1/1/2022)
NJAAP	785.0	794.5
NJAAS	112.1	106.5
NJADC	1.8	1.7
NJAGN	2505.0	2486.0
NJAGT	4772.7	4384.7
NJAMP	73.4	75.4
NJAMS	6.6	6.4
NJAOL	0.0	0.0
NJARNEM	1.3	2.2
NJARS	2.6	3.1
NJART	3.1	3.6
NJASCC	1718.5	1621.6