



# New 500 kV Line Designations

PJM Transmission Operations  
April/May 2024

- New 500 kV Transmission Lines
  - Under RTEP b3780 and b3800 projects
  - Expected to be in service in 2027/2028 and beyond
- Each 500 kV line will be assigned a number
  - Specified in PJM Manual-03
  - Purpose is to coordinate inter-zonal line number designations

No:	New/Future 500 kV Line Name	Designated/Re-designated Line Number
1	Peach Bottom North - Graceton	5012
2	Conastone - Graceton	5035
3	Bramah - Graceton	5042
4	Peach Bottom South - Bramah #1	5040
5	Peach Bottom South - Bramah #2	5041
6	Bramah - High Ridge	5047
7	Bramah - Delta	5034
8	Rock Springs - Bramah	5014
9	TMI - Chanceford (Otter Creek)	5048
10	Peach Bottom North - Chanceford (Otter Creek)	5007
11	Doubs - Chanceford (Otter Creek)	5049 (527)
12	Doubs - Aspen	533
13	Peach Bottom North - Peach Bottom South	5056
14	Brighton - High Ridge	5053
15	High Ridge - Waugh Chapel	5057

**SME/Presenter:**

Liem Hoang,

[liem.hoang@pjm.com](mailto:liem.hoang@pjm.com)

[TransOps@pjm.com](mailto:TransOps@pjm.com)



**Member Hotline**

(610) 666 – 8980

(866) 400 – 8980

[custsvc@pjm.com](mailto:custsvc@pjm.com)