

CONDUCTOR RATINGS SUPPLIED TO PJM FOR USE IN 15 YEAR PLANNING

Note: Blank values have not been requested.

| FROM BUS | kV | TO BUS | kV | CKT | Rate A (MVA) | Rate B (MVA) |
|----------|-----------|-----------|-----------|-------|--------------|--------------|
| 1 | ALBURTIS | 500 2 | BRANCHBG | 500 1 | | 3734 |
| 2 | BRANCHBG | 500 6 | DEANS | 500 1 | | 3765 |
| 2 | BRANCHBG | 500 7 | ELROY | 500 1 | | 3734 |
| 3 | BRIGHTON | 500 20105 | 01DOUBS | 500 1 | 2731 | 3502 |
| 4 | CNASTONE | 500 13 | PEACHBTM | 500 1 | | 3734 |
| 4 | CNASTONE | 500 100 | KEMPTWN1 | 500 1 | 2986 | 3710 |
| 5 | CONEM-GH | 500 11 | KEYSTONE | 500 1 | 3004 | 3733 |
| 5 | CONEM-GH | 500 26 | HUNTERTN | 500 1 | 3004 | 3733 |
| 5 | CONEM-GH | 500 98126 | JUN_CONM | 500 1 | 3004 | 3733 |
| 6 | DEANS 500 | 500 17 | SMITHBRG | 500 1 | | 3733 |
| 7 | ELROY | 500 8 | HOSENSAK | 500 1 | | 3734 |
| 9 | JUNIATA | 500 98126 | JUN_CONM | 500 1 | 3004 | 3733 |
| 9 | JUNIATA | 500 98127 | JUN_KEYS | 500 1 | 3004 | 3733 |
| 10 | KEENEY | 500 51 | ROCKSPGS | 500 1 | 2922 | 3710 |
| 11 | KEYSTONE | 500 20104 | CABOT | 500 1 | 2731 | 3502 |
| 11 | KEYSTONE | 500 20118 | STH BEND | 500 1 | 2731 | 3502 |
| 11 | KEYSTONE | 500 98127 | JUN_KEYS | 500 1 | 3004 | 3733 |
| 13 | PEACHBTM | 500 24 | LIMERICK | 500 1 | 3005 | 3734 |
| 13 | PEACHBTM | 500 51 | ROCKSPGS | 500 1 | | 3734 |
| 19 | BURCHES | 500 14922 | 8POSSUM | 500 1 | 5014 | 5273 |
| 22 | SUSQHANA | 500 71 | BOSSARDS | 500 1 | 3005 | 3734 |
| 26 | HUNTERTN | 500 4 | CNASTONE | 500 1 | 3004 | 3733 |
| 468 | JOHNSTWN | 230 93300 | N39 C | 230 1 | 617 | |
| 505 | SHELCOA | 230 521 | KEYSTONE | 230 1 | 909 | |
| 999 | LEWISTN1 | 230 3069 | JUNIATA | 230 1 | 499 | 617 |
| 1155 | MIDD JCT | 230 1166 | TMI | 230 1 | 998 | 1234 |
| 1155 | MIDD JCT | 230 1166 | TMI | 230 2 | 998 | 1234 |
| 1162 | PORTLAND | 230 2535 | KITATINY | 230 1 | 807 | 925 |
| 1162 | PORTLAND | 230 3076 | MTN CRK | 230 1 | | 1586 |
| 1163 | S.LEB | 230 1176 | IRONWOOD | 230 1 | 650 | 805 |
| 1175 | S.LEBTAP | 230 1176 | IRONWOOD | 230 1 | 650 | 805 |
| 2519 | CHESTER | 230 2524 | G GARDNR | 230 1 | | 805 |
| 2524 | G GARDNR | 230 2528 | GILBERT | 230 1 | 807 | |
| 2528 | GILBERT | 230 2536 | MO-TOWN | 230 1 | | 805 |
| 2528 | GILBERT | 230 2556 | MO PARK | 230 1 | | 1610 |
| 2533 | GRYSTN J | 230 2548 | W WHRTN | 230 1 | | 805 |
| 2534 | GRYSTN Q | 230 1162 | PORTLAND | 230 1 | 946 | 1093 |
| 2534 | GRYSTN Q | 230 2550 | WHIPPANY | 230 1 | | 805 |
| 2535 | KITATINY | 230 1162 | PORTLAND | 230 1 | 946 | 1093 |
| 2535 | KITATINY | 230 2540 | POHATCNG | 230 1 | | 805 |
| 2535 | KITATINY | 230 2553 | NEWTON | 230 1 | 734 | 805 |
| 2535 | KITATINY | 230 3055 | BUSHKILL | 230 1 | 675 | 814 |
| 2537 | MONTVILE | 230 92 | Jefferson | 230 1 | 548 | 693 |
| 2550 | WHIPPANT | 230 5017 | ROSELAND | 230 1 | | 1233 |
| 2555 | READ-GTN | 230 4962 | BRANCHBG | 230 1 | | 812 |
| 2555 | READ-GTN | 230 5017 | ROSELAND | 230 1 | | 812 |
| 2851 | ATLANTIC | 230 2859 | LARRABEE | 230 1 | | 805 |

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|------|-----------|-----|------|----------|-----|---|------|------|
| 2852 | COOKSTOWI | 230 | 5002 | LUMBRTN | 230 | 1 | 805 | |
| 2859 | LARRABEE | 230 | 2876 | SMITHBRG | 230 | 1 | 805 | |
| 2859 | LARRABEE | 230 | 2876 | SMITHBRG | 230 | 2 | 805 | |
| 2876 | SMITHBRG | 230 | 2877 | NEWPROSP | 230 | 1 | 805 | |
| 2876 | SMITHBRG | 230 | 2896 | E WINDSR | 230 | 1 | 1610 | |
| 2884 | WINDSOR | 230 | 2896 | E WINDSR | 230 | 1 | 650 | 805 |
| 3053 | BLMNG GR | 230 | 3958 | BLMGR-H2 | 230 | 1 | 454 | 558 |
| 3056 | BUXMONT | 230 | 4332 | WHITPAN2 | 230 | 1 | 425 | 531 |
| 3066 | HOSENSAK | 230 | 1159 | N.TEMPLE | 230 | 1 | | 624 |
| 3066 | HOSENSAK | 230 | 3981 | BUXMO-H2 | 230 | 1 | 653 | 793 |
| 3070 | LACKAWNA | 230 | 3077 | PECKVLE | 230 | 1 | 498 | 617 |
| 3071 | MANOR | 230 | 3104 | MILLWOOD | 230 | 1 | | 617 |
| 3077 | PECKVLE | 230 | 3972 | PECKV-H5 | 230 | 1 | 454 | 558 |
| 3079 | S MANHIM | 230 | 3973 | SMANH-H4 | 230 | 1 | 498 | 617 |
| 3085 | SUSQHNA | 230 | 3102 | LUZERNE | 230 | 1 | 498 | 617 |
| 3104 | MILLWOOD | 230 | 3978 | MILLW-H2 | 230 | 1 | | 617 |
| 3958 | BLMGR-H2 | 230 | 3972 | PECKV-H5 | 230 | 1 | 454 | 558 |
| 4024 | RICHMRE | 230 | 4145 | HOLMSBTP | 230 | 1 | | 574 |
| 4024 | RICHMRE | 230 | 4269 | RICHMOND | 230 | 1 | | 574 |
| 4056 | COCHRNVL | 230 | 4219 | NEWLNVIL | 230 | 1 | | 1718 |
| 4056 | COCHRNVL | 230 | 4240 | PCHBTM2 | 230 | 1 | | 1718 |
| 4098 | DELCOTAP | 230 | 4359 | TRAINER2 | 230 | 1 | | 819 |
| 4099 | TUNNEL | 230 | 4362 | PARRISH9 | 230 | 1 | 1239 | 1395 |
| 4099 | TUNNEL | 230 | 4365 | GRAYSF71 | 230 | 1 | | 1395 |
| 4116 | ELMWOOD | 230 | 4360 | MACDADE3 | 230 | 1 | 1464 | 1774 |
| 4182 | MACDADE | 230 | 4203 | RIDLEY | 230 | 1 | 1464 | 1774 |
| 4184 | MASTER | 230 | 4363 | PARRISH8 | 230 | 1 | 736 | |
| 4203 | RIDLEY | 230 | 4517 | PRINTZ | 230 | 1 | | 1774 |
| 4209 | N PHILA | 230 | 4319 | WANEETA2 | 230 | 1 | 760 | |
| 4225 | NOTTINGHM | 230 | 4227 | NOTTREAC | 230 | 1 | 528 | 627 |
| 4227 | NOTTREAC | 230 | 4241 | PCHBTMTP | 230 | 1 | 528 | 627 |
| 4269 | RICHMOND | 230 | 4366 | WANEETA3 | 230 | 1 | | 874 |
| 4332 | WHITPAN2 | 230 | 4354 | N WALES9 | 230 | 1 | 736 | 874 |
| 4357 | CHICHST2 | 230 | 4558 | LINWOOD | 230 | 2 | 753 | 904 |
| 4618 | BRADFR12 | 230 | 4255 | PLANBRK3 | 230 | 1 | 467 | 621 |
| 4697 | ISLANDR6 | 230 | 4361 | EDDYSTN3 | 230 | 1 | | 1774 |
| 4788 | N PHILA8 | 230 | 4184 | MASTER | 230 | 1 | 757 | |
| 4790 | N WALES8 | 230 | 4900 | WHIT-ELR | 230 | 1 | 1464 | 1774 |
| 4809 | PLANBRK1 | 230 | 4372 | BRADFRD2 | 230 | 1 | | 621 |
| 4962 | BRANCHBG | 230 | 5494 | FLAGTWN2 | 230 | 1 | 850 | |
| 4963 | MIDLSEX | 230 | 4964 | BRIDGWTR | 230 | 1 | 650 | 805 |
| 4964 | BRIDGWTR | 230 | 5035 | SOMRVLE | 230 | 1 | 850 | |
| 4971 | BRLGTN11 | 230 | 4088 | CROYDON | 230 | 1 | | 558 |
| 4971 | BRLGTN11 | 230 | 5143 | MT LAURD | 230 | 1 | | 873 |
| 4973 | CAMDEN | 230 | 4269 | RICHMOND | 230 | 1 | | 874 |
| 4976 | COXSCRNR | 230 | 5002 | LUMBRTN | 230 | 1 | | 870 |
| 4978 | DEANS | 230 | 5116 | NEWDOVRW | 230 | 1 | 734 | 873 |
| 4982 | BERGENFI | 230 | 5012 | N.MILFRD | 230 | 1 | 400 | 600 |
| 4982 | BERGENFI | 230 | 5074 | LEONIA T | 230 | 1 | 400 | 600 |
| 4996 | LINDEN | 230 | 5190 | TOSCO | 230 | 1 | 734 | 873 |
| 5011 | NEW FRDM | 230 | 7900 | CARDIFF | 230 | 1 | | 805 |
| 5011 | NEW FRDM | 230 | 8402 | MONROE | 230 | 1 | | 805 |

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|-------|-----------|-----|-------|--------------|-----|---|------|------|
| 5012 | N.MILFRD | 230 | 5036 | MAYWOOD | 230 | 1 | 400 | 600 |
| 5016 | PLSNT VY | 230 | 5898 | LAWRENC1 | 230 | 1 | | 782 |
| 5028 | WALDWICK | 345 | 79302 | SMAHWAH1 | 345 | 1 | 689 | 1557 |
| 5035 | SOMRVLLE | 230 | 5494 | FLAGTWN2 | 230 | 1 | 850 | |
| 5037 | BERGEN | 230 | 5074 | LEONIA T | 230 | 1 | 375 | |
| 5040 | HUDSN1-6 | 230 | 5054 | ESSEX | 230 | 1 | 734 | 873 |
| 5048 | NEWPRY | 230 | 5176 | S WTRFRP | 230 | 1 | 394 | 652 |
| 5176 | S WTRFRP | 230 | 90999 | BAY230 | 230 | 1 | 800 | 1000 |
| 5190 | TOSCO | 230 | 90220 | G22_MTX5 | 230 | 1 | 734 | 873 |
| 5942 | H.RDGE34 | 230 | 5954 | HOWARD32 | 230 | 1 | 830 | 969 |
| 5942 | H.RDGE34 | 230 | 5984 | SANDY34T | 230 | 1 | 830 | 969 |
| 5960 | BRANDN.S | 230 | 5967 | WAGN4 HS | 230 | 1 | 450 | 450 |
| 5963 | CONASTONE | 230 | 3105 | OTTER CREEK | 230 | 1 | 426 | 531 |
| 5963 | CONASTON | 230 | 5964 | GRACETON | 230 | 1 | 714 | 843 |
| 5964 | GRACETON | 230 | 4241 | PCHBTMP | 230 | 1 | 559 | 659 |
| 5983 | SANDY14T | 230 | 6009 | H.RDGE14 | 230 | 1 | 830 | 969 |
| 5983 | SANDY14T | 230 | 7027 | BURT2314 | 230 | 1 | | 923 |
| 5984 | SANDY34T | 230 | 7028 | BURT2334 | 230 | 1 | | 923 |
| 7001 | DICKERSN | 230 | 7005 | QUINC033 | 230 | 1 | | 730 |
| 7001 | DICKERSN | 230 | 7006 | QUINC035 | 230 | 1 | | 730 |
| 7001 | DICKERSN | 230 | 14072 | 6PL VIEW | 230 | 1 | 910 | 965 |
| 7002 | STATIONH | 230 | 7003 | QUINC032 | 230 | 1 | 631 | 753 |
| 7002 | STATIONH | 230 | 7004 | QUINC034 | 230 | 1 | 1118 | 1200 |
| 7002 | STATIONH | 230 | 20456 | 01AQUEDT | 230 | 1 | 1117 | 1194 |
| 7002 | STATIONH | 230 | 20459 | 01DOUBS | 230 | 1 | 1117 | 1194 |
| 7005 | QUINC033 | 230 | 7011 | BML028 | 230 | 1 | 631 | 753 |
| 7026 | BRIGH230 | 230 | 7027 | BURT2314 | 230 | 1 | 608 | 730 |
| 7026 | BRIGH230 | 230 | 7028 | BURT2334 | 230 | 1 | 608 | 730 |
| 8002 | CHRCHTAP | 230 | 8264 | CUMB #1 | 230 | 1 | | 805 |
| 8401 | MCKLTON | 230 | 4098 | DELCOTAP | 230 | 1 | | 775 |
| 9386 | COLOR_DP | 230 | 4066 | CONOWG01 | 230 | 1 | | 578 |
| 14072 | 6PL VIEW | 230 | 14170 | 6COHMIL | 230 | 2 | 470 | 470 |
| 14170 | 6COHMIL | 230 | 14171 | 6BRAMBL | 230 | 2 | 470 | 470 |
| 14218 | 6ELMONT | 230 | 14229 | 6MT R221 | 230 | 1 | | 721 |
| 14741 | 6BARRCK1 | 230 | 14752 | 6CROZET2 | 230 | 1 | | 608 |
| 14751 | 6CROZET1 | 230 | 14794 | 6DOOMS | 230 | 1 | | 608 |
| 14752 | 6CROZET2 | 230 | 14794 | 6DOOMS | 230 | 1 | | 608 |
| 14900 | 8BRISTER | 500 | 14919 | 8OX | 500 | 1 | 2913 | 2913 |
| 14901 | BATH | 500 | 14926 | VALLEY | 500 | 1 | 3455 | 3455 |
| 14906 | 8CLOVER | 500 | 14902 | 8CARSON | 500 | 1 | 5473 | 5473 |
| 14907 | DOOMS | 500 | 14912 | LEXINGTON | 500 | 1 | 2910 | 2910 |
| 14908 | 8ELMONT | 500 | 14910 | 8CUNNING | 500 | 1 | | 2909 |
| 14912 | 8LEXNGTN | 500 | 22556 | 05CLOVRD | 500 | 1 | 2913 | 2913 |
| 14913 | LOUDOUN | 500 | 14916 | MORRISVILLE | 500 | 1 | 2913 | 2913 |
| 14913 | LOUDOUN | 500 | 14925 | PLEASANT VIE | 500 | 1 | 2323 | 2323 |
| 14916 | 8MORRSVL | 500 | 14900 | 8BRISTER | 500 | 1 | 3424 | 3424 |
| 14916 | 8MORRSVL | 500 | 14970 | 8FROYAL | 500 | 1 | 3458 | 3458 |
| 14917 | 8MT STM | 500 | 20105 | 01DOUBS | 500 | 1 | 2598 | 2598 |
| 14917 | 8MT STM | 500 | 20112 | 01PRNTY | 500 | 1 | 2731 | 3502 |
| 14917 | 8MT STM | 500 | 20837 | GRNLDGAP | 500 | 1 | 2731 | 3464 |
| 14970 | 8FROYAL | 500 | 20110 | 01MDWBRK | 500 | 1 | 2731 | 3458 |
| 20101 | 01BEDNGT | 500 | 20103 | 01BLACKO | 500 | 1 | 2731 | 3502 |

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|-------|----------|-----|-------|--------------|-----|---|------|------|
| 20101 | 01BEDNGT | 500 | 20105 | 01DOUBS | 500 | 1 | 2731 | 3502 |
| 20102 | BELMONT | 500 | 20107 | HARRISN | 500 | 1 | 2731 | 3502 |
| 20103 | 01BLACK0 | 500 | 20108 | 01HATFLD | 500 | 1 | | 3213 |
| 20104 | 01CABOT | 500 | 20115 | 01WYLIER | 500 | 1 | 2731 | 3502 |
| 20105 | DOUBS | 500 | 14925 | PLEASANT VIE | 500 | 1 | 2323 | 2323 |
| 20107 | 01HARRSN | 500 | 20111 | 01 502 J | 500 | 1 | 2731 | 3502 |
| 20107 | HARRISON | 500 | 20112 | PRUNTYTW | 500 | 1 | 2731 | 3502 |
| 20110 | 01MDWBRK | 500 | 20837 | GRNLDGAP | 500 | 1 | 2731 | 3502 |
| 20114 | 01WYLIER | 345 | 22623 | 05TIDD | 345 | 1 | 1212 | 1483 |
| 20116 | 01YUKON | 500 | 20118 | 01SOBEND | 500 | 1 | 2731 | 3502 |
| 20456 | 01AQUEDT | 230 | 20459 | 01DOUBS | 230 | 1 | 1117 | 1194 |
| 22566 | 05KANAWH | 345 | 22576 | 05KANAWZ | 345 | 1 | 1494 | 1643 |
| 22568 | 05MOUNTN | 765 | 22610 | 05BELMON | 765 | 1 | 6250 | 6250 |
| 22601 | 05CANTNC | 345 | 22623 | 05TIDD | 345 | 1 | | 1959 |
| 22604 | 05WATERF | 345 | 22616 | 05MUSKNG | 345 | 1 | 1409 | 1887 |
| 22609 | 05KAMMER | 345 | 22616 | 05MUSKNG | 345 | 1 | 971 | 1413 |
| 22609 | 05KAMMER | 345 | 22624 | 05WBELLA | 345 | 1 | 971 | 1413 |
| 22610 | 05BELMON | 765 | 22611 | 05KAMMER | 765 | 1 | 6250 | 6250 |
| 22616 | 05MUSKNG | 345 | 22618 | 05OHIOCT | 345 | 1 | 1409 | 1887 |
| 22663 | 05EUGENE | 345 | 22686 | 05DARWIN | 345 | 1 | 971 | 971 |
| 22701 | 05BEATTY | 345 | 26575 | 09ADKINS | 345 | 1 | 1409 | 1762 |
| 36280 | BYRON; B | 345 | 36288 | CHERR; B | 345 | 1 | | 1739 |
| 36281 | BYRON; R | 345 | 36289 | CHERR; R | 345 | 1 | | 1530 |
| 36303 | DRES; R | 345 | 36315 | ELWOO; R | 345 | 1 | 1234 | 1530 |
| 36308 | E FRA; B | 345 | 36334 | GOODI;3B | 345 | 1 | | 1452 |
| 36309 | E FRA; R | 345 | 36337 | GOODI;1R | 345 | 1 | 1141 | |
| 36310 | ELECT; B | 345 | 36362 | NELSO; B | 345 | 1 | | 1530 |
| 36331 | GARFI; R | 345 | 36395 | TAYLO; R | 345 | 1 | 550 | |
| 36344 | PONTI; B | 345 | 36414 | WILTO; B | 345 | 1 | 1234 | 1530 |
| 90998 | SWTR_PAR | 230 | 90999 | BAY230 | 230 | 1 | 800 | 1000 |
| 93300 | N39 C | 230 | 201 | ALTOONA | 230 | 1 | 617 | |