

# 10-year vs 15-year BC Ratios

MEPETF





# 10-Year BC Ratio Check – Previously Approved ME Projects

PJM Window	Baseline#	Type	Area	Constraint	Cost (\$mill)	In-Service Date	15-YR B/C Ratio (Original)	10-YR B/C Ratio	% Change	10-Year Test
Project ID										
201415_1-2A	b2690	Upgrade	PPL/BGE	Safe Harbor to Graceton 230 kV	\$1.10	2019	14.4	7.01	-51.32%	PASS
201415_1-2B	b2691	Upgrade	ME/PPL	Brunner Island to Yorkana 230 kV	\$3.10	2019	22.2	17.06	-23.15%	PASS
201415_1-4I	b2697.1-2	Upgrade	AEP	Fieldale to Thornton 138 kV	\$0.75	2019	101.2	90.82	-10.26%	PASS
201415_1-4J	b2698	Upgrade	AEP	Jacksons Ferry to Cloverdale 765 KV	\$0.50	2019	111.97	87.01	-22.29%	PASS
201617_1-5E		Upgrade	BGE	Conastone - Graceton - Bagley	\$39.70	2021	5.23	5.25	0.38%	PASS
201415_1-9A	b2743.1-8, b2752.1-7	Greenfield	APS/BGE	AP-South	\$340.60*	2020	2.48	2.09	-15.73%	PASS
201415_1-10B	b2693	Upgrade	COMED	Wayne to South Elgin 138 kV	\$0.10	2019	6.4	6.76	5.62%	PASS
201415_1-10J	b2692.1-2	Upgrade	COMED	Cordova to Nelson 345 kV	\$24.60	2019	1.9	1.79	-5.79%	PASS
201415_1-11H	b2694	Upgrade	PECO	Peach Bottom 500 kV	\$9.70	2019	3	2.55	-15.00%	PASS
201415_1-12A	b2689.1-2	Upgrade	DUQ	Dravosburg to West Mifflin 138 kV	\$11.18	2018	2	2.63	31.50%	PASS
201415_1-13E	b2695	Upgrade	DPL	Worcester to Ocean Pines (I) 69 kV	\$2.40	2019	65.3	53.86	-17.52%	PASS
201415_1-18G	b2688.1-3	Upgrade	APS	Taneytown to Carroll 138 kV	\$5.20	2019	90.1	72.35	-19.70%	PASS
201415_1-18I	b2696	Upgrade	APS/ATSI	Krendale to Shanor Manor 138 kV	\$0.60	2019	123.4	94.86	-23.13%	PASS
Optimal Caps	b2729	Upgrade	DOM	AP-South	\$8.98	2019	15.4	14.5	-5.84%	PASS

- 15-year and 10-year B/C ratios were calculated for a number of past proposed solutions and sensitivities.

15-Year BCR Threshold	10-Year BCR Threshold	% Passing
1.25	-	65%
1.25	1.00	64%
1.25	1.25	59%

