



Artificial Island Cost Allocation – March 2017 Configuration

- AI cost allocations updated to reflect project configuration as discussed at the 3/3/2017 TEAC
- Anticipate PJM Board review on April 6, 2017

Upgrade ID	Description	Cost Estimate (\$M)*	Transmission Owner	Cost Responsibility	Required IS Date
b2633.1	Build a new 230 kV transmission line between Hope Creek and Silver Run	\$129.60	LS Power	AEC - 0.01%, DPL - 99.98%, JCPL - 0.01%	6/1/2020
b2633.10	Interconnect the new Silver Run 230 kV substation with the existing Red Lion - Cartanza and Red Lion - Cedar Creek 230 kV lines	\$2.00	DPL	AEC - 0.01%, DPL - 99.98%, JCPL - 0.01%	6/1/2020
b2633.2	Construct a new Silver Run 230 kV substation	\$16.40	LS Power	AEC - 0.01%, DPL - 99.98%, JCPL - 0.01%	6/1/2020
b2633.4_DFAX_Allocation	Add a new 500 kV bay at Hope Creek (Expansion of Hope Creek substation)	\$19.00	PSEG	AEC - 0.01%, DPL - 99.98%, JCPL - 0.01%	6/1/2020
b2633.4_LRS_Allocation	Add a new 500 kV bay at Hope Creek (Expansion of Hope Creek substation)	\$19.00	PSEG	AEC - 1.70%, AEP - 14.25%, APS - 5.53%, ATSI - 8.09%, BGE - 4.19%, COMED - 13.43%, DAYTON - 2.12%, DEOK - 3.37%, DL - 1.77%, DPL - 2.62%, Dominion - 12.39%, ECP - 0.20%, EKPC - 1.82%, HTP - 0.20%, JCPL - 3.78%, ME - 1.87%, NEPTUNE - 0.42%, PECO - 5.30%, PENELEC - 1.84%, PEPCO - 4.18%, PPL - 4.46%, PSEG - 6.22%, RE - 0.25%	6/1/2020
b2633.5	Add a new 500/230 kV autotransformer at Hope Creek and a new Hope Creek 230 kV substation	\$93.90	PSEG	AEC - 0.01%, DPL - 99.98%, JCPL - 0.01%	6/1/2020
b2633.91	Implement changes to the tap settings for the two Salem units' step up transformers	\$0.01	PSEG	AEC - 0.01%, DPL - 99.98%, JCPL - 0.01%	6/1/2020
b2633.92	Implement changes to the tap settings for the Hope Creek unit's step up transformers	\$0.01	PSEG	AEC - 0.01%, DPL - 99.98%, JCPL - 0.01%	6/1/2020

*Cost estimate breakdown of \$131.90M estimate for upgrades b2633.4 and b2633.5 was developed by PJM and has not been reviewed by PSEG.