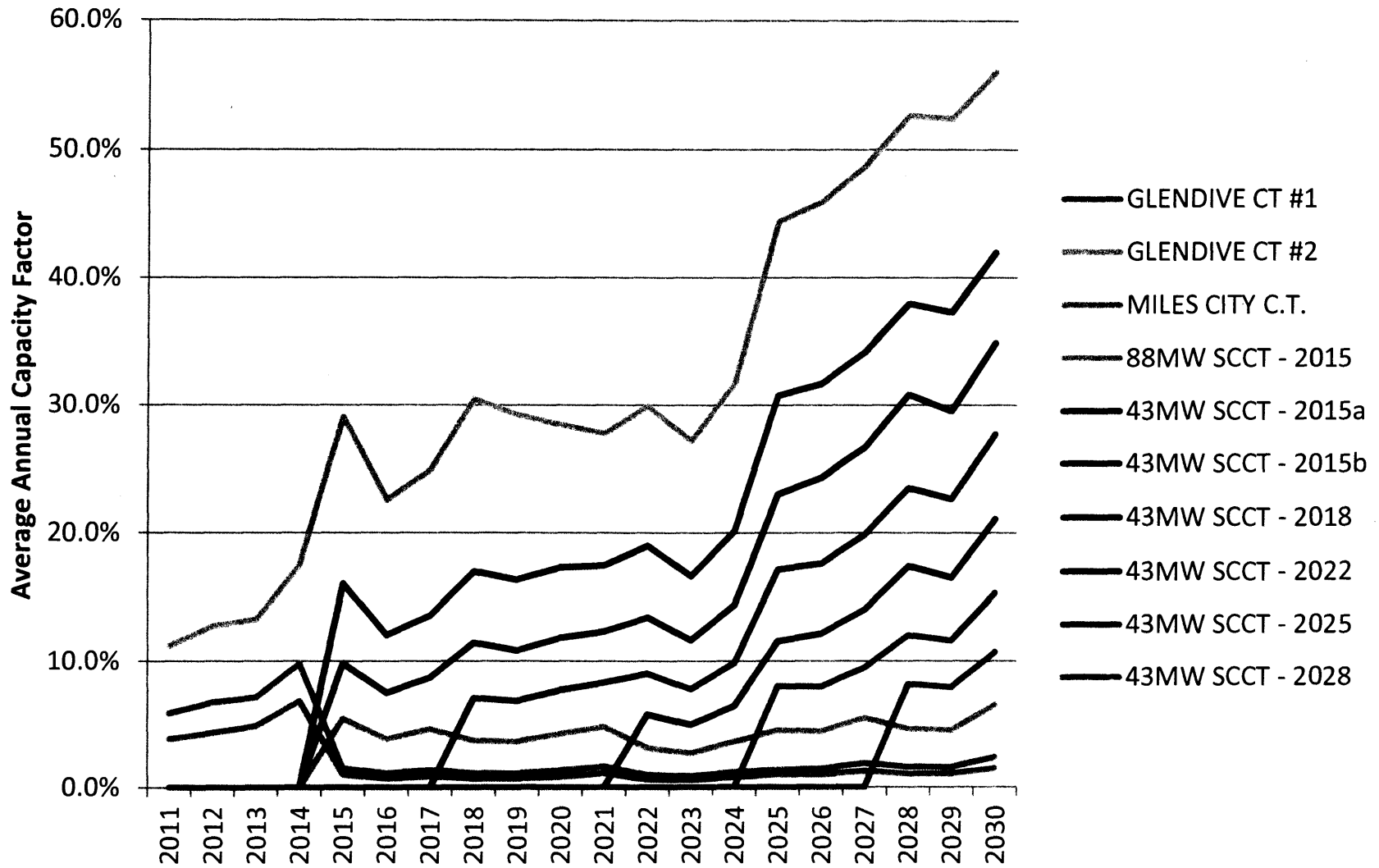


# SCCT Capacity Factors in MDU Base Case EGEAS Model Output



**PU-11-395/396 Exhibit RSH-6**

Year	Base	Base w/ LaCapra Changes	Base w/ LaCapra Changes w/o 150 wind and 176 sct
2011			4-Wind Built <sup>2</sup>
2012			
2013	1-Purchase	1-Purchase	
2014	2-Purchase	2-Purchase	
2015	2-CT43, 2-DSM, CT88, BGS AQCS	2-DSM, BGS AQCS, Tilton, Thunder Spirit Wind	CT43, 2-DSM, CT88, BGS AQCS
2016			
2017			CT43
2018	CT43		
2019			
2020	4-Wind		
2021		CT43	CT43
2022	CT43		
2023			
2024		CT43	CT43
2025	CT43		
2026			
2027			
2028	CT43	CT43	CT43
2029			
2030			
NPV <sup>1</sup>	\$3,723.72	\$3,329.80	\$3,630.46

1 - NPV in millions of dollars

2 - PTC are modeled in EGEAS as negative variable O&M until 2030 in the model

\*CT43 - 33.4 PRC (43 MW) Combustion Turbine

\*CT88 - 82.3 PRC (88 MW) Combustion Turbine

\*CC - 132.5 PRC (140 MW) Combined Cycle

\*Base Load - 27.7 PRC (30 MW) Coal-fired Generation

\*DSM - 12.5 PRC (12.5 MW) Demand Side Management

\*BGS AQCS - Big Stone Air Quality Control System

\*Wind - 25 MW Wind (Purchased Energy)

\*Purchase - 10 PRC (10 MW) Capacity Purchases

\*Wind built - 30 MW Wind (Self-built)

\*New DSM - New DSM Package

\*Tilton - 176 MW Tilton Energy

\*Thunder Spirit Wind - 150 MW wind energy

### Average Monthly On-Peak LMPs at ND and IL

