

*Table AR-2
Asset Renewal Transformer Replacements*

System Upgrade	Projected In-Service Year	Voltage	Planning Zone	Need Category
Aurora T3	2011	138/69-kV	1	Improve condition, reliability
Bluemound T3	2011	230/138-kV	5	Improve condition, reliability
Bluemound T1	2012	230/138-kV	5	Improve condition, reliability
Edgewater T31 and T32	2012	138/69-kV	4	Improve condition, reliability
Atlantic T1	2013	138/69-kV	2	Improve condition, reliability
Lancaster T31	2014	138/69-kV	3	Improve condition, reliability
Fitzgerald SS – relocate system spare	2014	345/138-kV	4	Reliability
Paddock T22 Spare	2014	345/138-kV	3	Reliability
Replace one transformer	2014	138/69-kV	various	Improve condition, reliability
Replace two transformers	2015	138/69-kV	various	Improve condition, reliability
Replace two transformers	2016	138/69-kV	various	Improve condition, reliability
Replace one transformer	2016	345/138-kV	various	Improve condition, reliability
Replace two transformers	2017	138/69-kV	various	Improve condition, reliability
Replace two transformers	2018	138/69-kV	various	Improve condition, reliability
Replace one transformer	2018	345/138-kV	various	Improve condition, reliability
Replace two transformers	2019	138/69-kV	various	Improve condition, reliability
Replace two transformer	2020	138/69-kV	various	Improve condition, reliability
Replace one transformer	2020	345/138-kV	various	Improve condition, reliability