

YEAR	Customer Forecast (MWH)	% Renewables Requirement	Renewables Requirement (MWH)	% Solar Requirement	Solar Requirement (MWH)	Renewables Requirement net of Solar (MWH)	Projected Renewable Generation from Keokuk (MWH)	Projected Renewable Generation from Wind (MWH)	Projected Renewable Generation from Landfill Gas (MWH)	Projected Landfill Gas with Missouri Credit	Projected Total Renewable Generation (MWH)	Expired RECs	Annual Amount of Projected Available Renewable Credits	Projected Renewable Surplus or (Additional) Requirements
2008						0	900,000	0	0		900,000	0	900,000	900,000
2009	35,530,367	0		0		0	900,000	87,844	0	0	987,844	0	1,887,844	1,887,844
2010	37,768,268	0		0		0	900,000	319,000	0	0	1,219,000	0	3,106,844	3,106,844
2011	38,476,460	2%	769,529	2%	15,391	754,139	900,000	319,000	0	0	1,219,000	(145,861)	4,179,983	3,425,844
2012	39,217,246	2%	784,345	2%	15,687	768,658	900,000	319,000	83,721	104,651	1,323,651	(219,186)	4,530,309	3,761,651
2013	39,462,288	2%	789,246	2%	15,785	773,461	900,000	319,000	88,545	110,681	1,329,681	(445,539)	4,645,793	3,872,333
2014	39,758,488	5%	1,987,924	2%	39,758	1,948,166	900,000	319,000	93,609	117,011	1,336,011	0	5,208,344	3,260,178
2015	40,103,091	5%	2,005,155	2%	40,103	1,965,051	900,000	319,000	95,383	119,229	1,338,229	0	4,598,407	2,633,355
2016	40,555,398	5%	2,027,770	2%	40,555	1,987,215	900,000	319,000	97,277	121,596	1,340,596	0	3,973,951	1,986,737
2017	40,761,486	5%	2,038,074	2%	40,761	1,997,313	900,000	319,000	99,017	123,771	1,342,771	0	3,329,508	1,332,195
2018	41,129,582	10%	4,112,958	2%	82,259	4,030,699	900,000	319,000	100,599	125,749	1,344,749	0	2,676,944	-1,353,755
2019	41,572,005	10%	4,157,201	2%	83,144	4,074,056	900,000	319,000	102,271	127,839	1,346,839	0	1,346,839	-2,727,218
2020	42,092,488	10%	4,209,249	2%	84,185	4,125,064	900,000	319,000	104,017	130,021	1,349,021	0	1,349,021	-2,776,043
2021	42,412,050	15%	6,361,808	2%	127,236	6,234,571	900,000	319,000	105,185	131,481	1,350,481	0	1,350,481	-4,884,090
2022	42,864,600	15%	6,429,690	2%	128,594	6,301,096	900,000	319,000	105,388	131,735	1,350,735	0	1,350,735	-4,950,361
2023	43,332,382	15%	6,499,857	2%	129,997	6,369,860	900,000	319,000	105,388	131,735	1,350,735	0	1,350,735	-5,019,125
2024	43,938,576	15%	6,590,786	2%	131,816	6,458,971	900,000	319,000	105,388	131,735	1,350,735	0	1,350,735	-5,108,236
2025	44,295,177	15%	6,644,277	2%	132,886	6,511,391	900,000	0	105,388	131,735	1,031,735	0	1,031,735	-5,479,656