

CITY OF STURGIS

RENEWABLE ENERGY PLAN U-16634

JUNE, 2015

- Based on this Renewable Energy Plan (REP) the City of Sturgis (City) will have the required Renewable Energy Credits (RECs) for the REP time period of 2015-2029 thereby complying with PA 295.
- Other than City owned hydro generation, the sole source of RECs is the City's wholesale power supplier, Indiana Michigan Power Company (I&M). I&M does not charge the City any incremental costs for renewable energy credits. The City, therefore, will also not incur any incremental costs of compliance with PA 295.
- The City will not exceed the renewable energy surcharge caps specified in PA 295 as none are planned to be charged.
- The financial impact of this REP to the City's customers will be minimized.
- The City will comply with Section 45 of PA 295 which refers to methods of notification to customers charges, if any, for costs associated with its REP.

	A	B	C	Z
1	STURGIS			
2				
3	ITEM	Units		
4	Sales Forecast - 3 yr running average	MWH		
5	10% Compliance Factor			
6	RPS Requirement	MWH		
7				
8	RECS - RPS Required	RECS		
9	RECS - PRE-REP (BASELINE)	RECS		
10	RECS - Incremental Difference	RECS		
11				
12	FACTOR			
13	Required New RECS	RECS		
14				
15	RPS Renewable Energy Credit Compliance			
16	RECS CARRIED OVER	RECS		
17	RECS OBTAINED (NEW)	RECS		
18	RECS OBTAINED (BASELINE & DIFFERENTIAL)	RECS		
19	REC PURCHASES / (SALES) FROM OTHER SOURCES	RECS		
20	TOTAL RECS SOURCES			
21				
22	REQUIRED RECS (BASELINE PLUS NEW)	RECS		
23	RECS USED FOR COMPLIANCE	RECS		
24	EXPIRED RECS	RECS		
25	RECS CUMULATIVE BALANCE	RECS		
26				
27	Incremental Compliance with New RECS	%		
28	Compliance % with Cumulative REC Balance	%		
29				
30	Revenue Requirements for New Renewables			
31	Build (see project sheets for information)	\$		
32	PPA	\$		
33	REC Purchases (Sales)	\$		
34	Total	\$		
35				
36	RECs Obtained			
37	Generation Based			
38	Build (see project sheets for information)	MWH		
39	PPA	MWH		
40	Subtotal	MWH		
41	Purchase (Sold) From New RECS	RECS		
42	Incentive (SB 213 Sec 39 (2))	RECS		
43	Total	RECS		
44				
45	Amount recovered through PSCR			
46	Transfer price x volume of energy (see INCR COST sheet) - DNA	\$		
47				
48	Incremental Cost of Compliance (see INCR COST sheet) - DNA	\$		
49				
50	Additional investment above PA 295 requirements	\$		
51				
52	Non-Volumetric Surcharge			
53	Meter (or customer) Forecast (Number)			
54	RESIDENTIAL	NO.		
55	COMMERCIAL	NO.		
56	INDUSTRIAL	NO.		
57	STREETLIGHTS	NO.		
58	UNMETERED	NO.		
59	TOTAL METERS	NO.		
60				
61	Maximum Surcharge (all rate classes at caps)			
62	RESIDENTIAL	\$	\$ 3.00	
63	COMMERCIAL	\$	\$ 16.58	
64	INDUSTRIAL	\$	\$ 187.50	
65	STREETLIGHTS	\$	\$ 0.60	
66	UNMETERED	\$	\$ 0.60	
67	Total	\$		
68				
69	PLANNED SURCHARGE			
70	RESIDENTIAL	\$	\$ -	
71	COMMERCIAL	\$	\$ -	
72	INDUSTRIAL	\$	\$ -	
73	STREETLIGHTS	\$	\$ -	
74	UNMETERED	\$	\$ -	
75	Total			

Baseline RECs														11,232
Required RECs														22,356
Sturgis RECs	468	468	468	468	468	468	468	468	468	468	468	468	468	5,616
IRECs	468	468	468	468	468	468	468	468	468	468	468	468	468	5,616
Indiana Michigan	927	927	927	927	927	927	927	927	927	927	927	927	927	11,124
IRECs	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Current Vintage	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	22,356
Expired/Sold RECs	-	-	-	-	-	-	-	-	-	-	-	-	-	-

2024	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total
3-Year Avg Sales													223,562
Baseline RECs													11,232
Required RECs													22,356
Sturgis RECs	468	468	468	468	468	468	468	468	468	468	468	468	5,616
IRECs	468	468	468	468	468	468	468	468	468	468	468	468	5,616
Indiana Michigan	927	927	927	927	927	927	927	927	927	927	927	927	11,124
IRECs	-	-	-	-	-	-	-	-	-	-	-	-	-
Current Vintage	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	22,356
Expired/Sold RECs	-	-	-	-	-	-	-	-	-	-	-	-	-

2025	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total
3-Year Avg Sales													223,562
Baseline RECs													11,232
Required RECs													22,356
Sturgis RECs	468	468	468	468	468	468	468	468	468	468	468	468	5,616
IRECs	468	468	468	468	468	468	468	468	468	468	468	468	5,616
Indiana Michigan	927	927	927	927	927	927	927	927	927	927	927	927	11,124
IRECs	-	-	-	-	-	-	-	-	-	-	-	-	-
Current Vintage	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	22,356
Expired/Sold RECs	-	-	-	-	-	-	-	-	-	-	-	-	-

2026	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total
3-Year Avg Sales													223,562
Baseline RECs													11,232
Required RECs													22,356
Sturgis RECs	468	468	468	468	468	468	468	468	468	468	468	468	5,616
IRECs	468	468	468	468	468	468	468	468	468	468	468	468	5,616
Indiana Michigan	927	927	927	927	927	927	927	927	927	927	927	927	11,124
IRECs	-	-	-	-	-	-	-	-	-	-	-	-	-
Current Vintage	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	22,356
Expired/Sold RECs	-	-	-	-	-	-	-	-	-	-	-	-	-

2027	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total
3-Year Avg Sales													223,562
Baseline RECs													11,232
Required RECs													22,356
Sturgis RECs	468	468	468	468	468	468	468	468	468	468	468	468	5,616
IRECs	468	468	468	468	468	468	468	468	468	468	468	468	5,616
Indiana Michigan	927	927	927	927	927	927	927	927	927	927	927	927	11,124
IRECs	-	-	-	-	-	-	-	-	-	-	-	-	-
Current Vintage	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	22,356
Expired/Sold RECs	-	-	-	-	-	-	-	-	-	-	-	-	-

2028	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total
3-Year Avg Sales													223,562
Baseline RECs													11,232
Required RECs													22,356
Sturgis RECs	468	468	468	468	468	468	468	468	468	468	468	468	5,616
IRECs	468	468	468	468	468	468	468	468	468	468	468	468	5,616
Indiana Michigan	927	927	927	927	927	927	927	927	927	927	927	927	11,124
IRECs	-	-	-	-	-	-	-	-	-	-	-	-	-
Current Vintage	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	22,356
Expired/Sold RECs	-	-	-	-	-	-	-	-	-	-	-	-	-

2029	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total
3-Year Avg Sales													223,562
Baseline RECs													11,232
Required RECs													22,356
Sturgis RECs	468	468	468	468	468	468	468	468	468	468	468	468	5,616
IRECs	468	468	468	468	468	468	468	468	468	468	468	468	5,616
Indiana Michigan	927	927	927	927	927	927	927	927	927	927	927	927	11,124
IRECs	-	-	-	-	-	-	-	-	-	-	-	-	-
Current Vintage	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	1,863	22,356
Expired/Sold RECs	-	-	-	-	-	-	-	-	-	-	-	-	-