



Ansonia Fuel Cell development for North Main Street

The proposed project will essentially supply power to all Ansonia City buildings and potentially a view other “off-taker” which in turn will be a revenue for the project. The project is fully self-funding, in year 2 and each year after the city will recognize positive cash flow.

Year	Fuel Cell Payment Model					
	Starting Principle	One Time Payment	Total Debt Service Payment	Ending Principle	Annual Cash Flow	Cumulative Cash Flow
0	\$26,675,775		\$0	\$28,009,564	\$0	\$0
1	\$28,009,564	\$0	\$1,667,135	\$27,742,907	\$0	\$0
2	\$27,742,907	\$0	\$1,667,135	\$27,462,916	\$46,608	\$46,608
3	\$27,462,916	\$9,069,764	\$10,736,899	\$18,099,163	\$95,243	\$141,851
4	\$18,099,163		\$1,605,380	\$17,398,741	\$228,864	\$370,715
5	\$17,398,741		\$1,605,380	\$16,663,298	\$280,947	\$651,661
6	\$16,663,298		\$1,605,380	\$15,891,083	\$334,505	\$986,167
7	\$15,891,083		\$1,605,380	\$15,080,257	\$389,581	\$1,375,748
8	\$15,080,257		\$1,605,380	\$14,228,889	\$446,218	\$1,821,965
9	\$14,228,889		\$1,605,380	\$13,334,953	\$166,958	\$1,988,924
10	\$13,334,953		\$1,605,380	\$12,396,321	\$226,849	\$2,215,772
11	\$12,396,321		\$1,605,380	\$11,410,757	\$625,935	\$2,841,708
12	\$11,410,757		\$1,605,380	\$10,375,914	\$689,266	\$3,530,974
13	\$10,375,914		\$1,605,380	\$9,289,330	\$754,391	\$4,285,365
14	\$9,289,330		\$1,605,380	\$8,148,416	\$821,360	\$5,106,725
15	\$8,148,416		\$1,605,380	\$6,950,456	\$890,225	\$5,996,949
16	\$6,950,456		\$1,605,380	\$5,692,599	\$961,039	\$6,957,989
17	\$5,692,599		\$1,605,380	\$4,371,849	\$1,033,859	\$7,991,848
18	\$4,371,849		\$1,605,380	\$2,985,061	\$1,108,741	\$9,100,588
19	\$2,985,061		\$1,605,380	\$1,528,934	\$1,185,742	\$10,286,330
20	\$1,528,934		\$1,605,380	\$0	\$264,922	\$10,551,253
TOTAL			\$41,362,634		\$10,551,253	\$10,551,253