

**Cascade Engineering, Inc.**  
**Summary Estimates**  
(All monetary estimates in current dollars)

<b>TOTAL JOBS CREATED (as of 2017)</b>	456
Direct	183
Spin-off (includes Indirect Jobs)	273
<b>NET POSITIVE STATE REVENUE IMPACT</b>	\$7,194,891
Revenue foregone	\$1,853,109
Revenue gain	\$9,048,000
Personal income generated over life of MEGA agreement	\$117,494,000
Statewide employment multiplier (average, 2016–17)	2.47
Average Weekly Wage of Direct Jobs	\$960
(as reported by the company at time of application)	

**Cascade Engineering, Inc.**  
**Fiscal Effects on Michigan - Net Benefits with the Incentive Package**  
Thousands of Current Dollars

Year	Gross State Revenue	MEGA Costs	Net State Revenue
2005	0	0	0
2006	0	0	0
2007	0	0	0
2008	0	0	0
2009	0	0	0
2010	0	0	0
2011	233	90	143
2012	371	156	215
2013	684	277	407
2014	1,189	220	969
2015	1,979	359	1,620
2016	2,190	368	1,822
2017	2,402	382	2,020
2018	0	0	0
2019	0	0	0
2020	0	0	0
2021	0	0	0
2022	0	0	0
2023	0	0	0
2024	0	0	0
2025	0	0	0
2026	0	0	0
2027	0	0	0
2028	0	0	0
2029	0	0	0
2030	0	0	0
	9,048	1,853	7,195

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**Cascade Engineering, Inc.**  
**Economic and Fiscal Effects on Michigan - Net Benefits with the Incentive Package**

Economic/Fiscal Indicator	2011	2012	2013	2014	2015	2016	2017	Total
Total Employment	64	91	158	268	435	447	456	
Manufacturing	27	45	76	125	203	202	202	
Non-Manufacturing	37	46	82	143	232	245	254	
Retail Trade	5	7	12	20	32	33	34	
Services	16	24	43	73	119	124	127	
Other	16	15	27	50	81	88	93	
In Current Dollars (Thousands):								
Personal Income	\$3,021	\$4,822	\$8,881	\$15,440	\$25,700	\$28,440	\$31,190	\$117,494
Gross State Revenue	233	371	684	1,189	1,979	2,190	2,402	9,048
Mega Cost	90	156	277	220	359	368	382	1,853
State Revenue Net of MEGA Cost*	\$143	\$215	\$407	\$969	\$1,620	\$1,822	\$2,020	\$7,195

\* These estimates do not include any state government revenue losses due to the Investment Tax Credit, the Renaissance Zone Credit or the property tax abatement.