

Townsend Energy Solutions, LLC
Summary Estimates

(All monetary estimates in current dollars)

TOTAL JOBS CREATED (as of 2018)	5,331
Direct	875
Spin-off (includes Indirect Jobs)	4,456
NET POSITIVE STATE REVENUE IMPACT	\$37,371,193
Revenue foregone	\$66,300,807
Revenue gain	\$103,672,000
Personal income generated over life of MEGA agreement	\$1,346,400,000
Statewide employment multiplier (average, 2016–18)	5.89
Average Weekly Wage of Direct Jobs (as reported by the company at time of application)	\$651

Townsend Energy Solutions, LLC
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	4,180	0	4,180
2012	634	10,189	(9,555)
2013	1,499	10,342	(8,843)
2014	7,754	10,941	(3,187)
2015	12,805	30,900	(18,095)
2016	22,831	1,298	21,533
2017	25,733	1,310	24,423
2018	28,236	1,321	26,915
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
	103,672	66,301	37,371

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Townsend Energy Solutions, LLC
Economic and Fiscal Effects on Michigan - Net Benefits with the Incentive Package

Economic/Fiscal Indicator	2011	2012	2013	2014	2015	2016	2017	2018	Total
Total Employment	1,048	38	279	1,867	2,796	4,961	5,171	5,331	
Manufacturing	59	41	99	459	701	1,036	1,031	1,025	
Non-Manufacturing	989	(3)	180	1,408	2,095	3,925	4,140	4,306	
Retail Trade	148	10	26	131	203	343	360	371	
Services	379	58	164	843	1,328	2,154	2,247	2,328	
Other	462	(71)	(10)	434	564	1,428	1,533	1,607	
In Current Dollars (Thousands):									
Personal Income	\$54,290	\$8,240	\$19,470	\$100,700	\$166,300	\$296,500	\$334,200	\$366,700	\$1,346,400
Gross State Revenue	4,180	634	1,499	7,754	12,805	22,831	25,733	28,236	103,672
Mega Cost	0	10,189	10,342	10,941	30,900	1,298	1,310	1,321	66,301
State Revenue Net of MEGA Cost*	\$4,180	(\$9,555)	(\$8,843)	(\$3,187)	(\$18,095)	\$21,533	\$24,423	\$26,915	\$37,371

* 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.