The Economic Effects on Michigan of the General Motors-Willow Run Facility Retention Decision

George A. Fulton Peter Nicolas Donald R. Grimes

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REMI Terms and Definitions

Benefits estimated by the model: the total number of jobs retained in Michigan (by major industry, including spin-off jobs), and the associated personal income and state government revenue generated due to the retention of economic activity resulting from the project.

Direct jobs: the jobs retained at the project facility itself, as estimated at the end of the incentive period.

Employment multiplier: the total number of jobs retained (direct plus spin-off) for every direct job retained constitutes the employment multiplier. The numerator of the employment multiplier equals the number of jobs (direct and spin-off) retained on average over the incentive period when the facility is at full operations. The denominator of the employment multiplier represents the direct jobs retained yearly over the same period.

Personal income: the income of Michigan residents from all sources, after deduction of contributions to social insurance programs but before deduction of income tax and other personal taxes.

Spin-off jobs: Spin-off jobs are generated from two sources: increased purchases from Michigan suppliers; and spending by people who receive income due to the increased economic activity.

Total employment effects: direct jobs retained at the facility itself plus spin-off jobs, as estimated at the end of the incentive period.

REMI estimates do not include the nonmeasurable effects that would produce additional economic and fiscal benefits for Michigan, such as the intangible advantages of influencing other location and expansion decisions.

Economic and Fiscal Effects on Michigan of the General Motors-Willow Run Facility Retention Net Benefits with the Incentive Package

Economic/Fiscal Indicator	2007	2008	2009	2010	2015	2020	2025	2027	Total 2007 <u>-</u> 2027
Total employment	412	12,570	12.150	11.970	11 560	12 140	12 120	12,400	1707-1001
Manufacturing	53	4.533	4 447	4 385	7775	77.00	13,130	13,490	-
Nonmanufacturing	350	8 027	7.702	707,1	1,4,4	4,308	4,519	4,560	
Retail trade	000	/ 50.0	50/,/	585,/	C87'/	7,772	8,611	8,930	-
ואלים וומעס	83	2,087	1,988	1,941	1,816	1,888	1,992	2.034	
Services	127	3,343	3,152	3,055	2,775	2.988	3,461	3,662	
Other	149	2,607	2,563	2,589	2,694	2,896	3,158	3,234	
In current dollars (thousands):						•			
Personal income	18,000	652,000	700,000	747,000	032 000	1 155 000	1 110 000	10000	() () () () () () () () () ()
Gross state revenue	1.384	50,139	53.830	57 444	71 671	2,123,000	1,440,000	1,579,000	21,417,000
MEGA cost		4 840	0,0,0,	1 200	1,0,1,	00,019	111,351	121,425	1,646,967
State revenue net of MEGA 2021*	7001	75,000	1,401	1,502	1,010	7,0,7	2,785	3,175	42,672
מייים בייים וואר מו ואוד מייים מייים	1,384	45,299	52,576	56,142	70,061	86,745	108,566	118,250	1.604.295
Adjusted for inflation						_,		•	
(thousands of 2006 dollars):									<u></u>
Personal income	17,695	606,045	616,603	642 871	748 078	000 000	700	() () () () () () () () () ()	
Gross state revenue	1361	46,605	47.417	10,00	0/0,01	00,000	1,019,824	1,0/8,3/8	16,415,315
MEGA cost	1001	0,00	/ T t c ,	10,40	/75,/5	606,909	78,425	82,927	1,262,338
1000 to 1000 t	>	4,677	1,191	1,216	1,378	1,625	1,999	2,201	34 604
State revenue net of MEGA cost*	1,361	41,928	46,226	48,221	56,149	65 284	76 476	100,00	170,000
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^{*}These estimates do not include any state government revenue losses due to the Investment Tax Credit or the property tax abatement.

