



**Tampa Bay Regional Planning Council
Regional Economic Analysis Program
Featuring REMI Policy Insight® and IMPLAN®**

Turbine

The Tampa Bay Regional Planning Council (TBRPC) has conducted an analysis of a gas turbine manufacturing plant opening in Manatee County. The firm would make a capital investment of \$300 million to retrofit an existing facility. TBRPC utilized its REMI Policy Insight model to generate the employment forecasts.

Employment Impacts

The firm would employ 500 workers at full capacity in 2014. These 500 direct jobs are estimated to create an additional 699 indirect and induced jobs for a total of 1,199 new jobs in Manatee County. These combined jobs generate an average of \$53 million annually in personal income.

Total new employment would contribute an average of \$162 Million to the Gross County Product each year. The Gross County Product is a concept analogous to the national Gross Domestic Product. It is equal to output excluding the intermediate inputs. It represents compensation and profits. Below is a chart depicting the annual changes.

Turbine - Employment Impacts							
	2010	2011	2012	2013	2014	Average Annual	Total
Turbine Employment	141	293	417	471	500		
Total Employment	304	653	955	1,108	1,199	844	
Gross County Product (\$ Mil)	58	124	183	213	233	162	811
Personal Income (\$ Mil)	17	38	58	71	81	53	266

All figures are in 2007 U.S. Dollars.

Construction Impacts

The capital investment of \$300 million in construction and equipment purchasing creates significant employment and trade impacts in Manatee County. The chart to the right shows the full time equivalent impacts during the construction phase.

Construction Impacts			
	2010	2011	2012
Employment	275	746	106
Gross County Product (\$ Mil)	11.3	31.7	5.4
Personal Income (\$ Mil)	11.3	33.8	10.1

