

MISO and ATC Economic Planning Demand and Energy Growth Rates

Below is a chart of demand and energy growth rates used in ATC Economic Planning Studies since 2010. The economic futures are grouped into categories with similar attributes such as low growth and environmental based futures.

The demand and energy growth rates include both a baseline and effective growth rate. The baseline growth rate is developed from Module E demand and energy forecast projections and futures development input via the stakeholder process with the MISO Planning Advisory Committee. MISO applies state energy efficiency goals and mandates to the baseline demand and energy forecasts, which ‘effectively’ leads to a model using demand and energy forecasted growth that is lower than the baseline.

Business As Usual	Demand		Energy		ATC Study Year Used
	Effective	Baseline	Effective	Baseline	
10 ATC Strategic Flexibility		1.00%		0.70%	2010
11 ATC Strategic Flexibility (Cautious Investment)		0.90%		0.90%	2011
MTEP12 - BAU	0.78%	1.41%	1.25%	1.67%	2012
MTEP13 - BAU	0.78%	1.41%	1.25%	1.67%	2013
MTEP15 - BAU	0.75%	0.80%	0.76%	0.80%	2014
MTEP16 - BAU	0.74%	0.75%	0.79%	0.82%	2015
High Demand and Energy					
	Demand		Energy		ATC Study Year Used
	Effective	Baseline	Effective	Baseline	
10 ATC Strategic Flexibility (Robust Economy)		2.50%		2.20%	2010
11 ATC Strategic Flexibility (Clean Robust Economy)		1.70%		1.70%	2011
MTEP12 - Historical Growth	1.53%	2.12%	2.12%	2.15%	2012
MTEP13 - Robust Economy	1.25%	1.59%	1.34%	1.59%	2013
MTEP15 - High Growth	1.44%	1.50%	1.45%	1.50%	2014
MTEP16 - High Demand	1.54%	1.55%	1.58%	1.61%	2015
Environmental					
	Demand		Energy		ATC Study Year Used
	Effective	Baseline	Effective	Baseline	
10 ATC Strategic Flexibility (Green Economy)		1.40%		2.20%	2010
MTEP12 - Combined Policy	0.67%	1.41%	2.06%	2.51%	2012
MTEP13 - Environmental	0.76%	1.06%	0.81%	1.06%	2013
MTEP15 - Public Policy	0.71%	0.80%	0.73%	0.80%	2014
MTEP16 - Regional Clean Power Plan	0.74%	0.75%	0.73%	0.82%	2015
MTEP16 - Sub-Regional Clean Power Plan	0.74%	0.75%	0.73%	0.82%	2015
High Retirements					
	Demand		Energy		ATC Study Year Used
	Effective	Baseline	Effective	Baseline	
10 ATC Strategic Flexibility (Carbon Constrained)		0.20%		0.10%	2010
MTEP13 - Generation Shift	0.22%	0.53%	0.29%	0.53%	2013
MTEP15 - Generation Shift	0.71%	0.80%	0.73%	0.80%	2014
Low Growth					
	Demand		Energy		ATC Study Year Used
	Effective	Baseline	Effective	Baseline	
10 ATC Strategic Flexibility (Slow Growth)		0.20%		0.10%	2010
11 ATC Strategic Flexibility (Aggressive Energy Efficiency)		0.00%		0.00%	2011
MTEP12 - Limited Growth	-0.02%	0.71%	0.31%	0.84%	2012
MTEP13 - Limited Growth	0.22%	0.53%	0.29%	0.53%	2013
MTEP15 - Limited Growth	0.08%	0.14%	0.10%	0.14%	2014
MTEP16 - Low Demand	0.10%	0.11%	0.16%	0.19%	2015