POLICY SCENARIOS TO BE MODELED			
#	**Title**	**Explanation**	**Notes**
1	All Policies In except C&T	"All Policies In" include all policies designated as "to be modeled" in the Status of Templates as posted on the web site (3/12/08) *C&T=Cap and Trade*	
2	All Policies In except C&T and California Cars	Policy 1 without California Cars	
3a	All Policies with C&T: Auction - Offsets with no cap	Policy 1 with C&T/auction	
3b	All Policies with C&T: Auction - Offsets with 10% cap	Policy 1 with C&T/auction	
3c	All Policies with C&T: Auction - Offsets and linkage to RGGI	Policy 3a with RGGI	
4a	All Policies with C&T: Allocation - Offsets with no cap	Policy 1 with C&T/allocation	
4b	All Policies with C&T: Allocation - Offsets with 10% cap	Policy 1 with C&T/allocation	
4c	All Policies with C&T: Allocation - Offsets and linkage to RGGI	Policy 4a with RGGI linkage	
POLICY SCENARIOS THAT MAY BE MODELED			
5a	High Fuel Reference Scenario	All fuels at 25% higher price than reference case – Reference case only; no policies modeled	See Policy 5 Note
5b	High Fuel Policy Scenario	Policy TBD (policy 3 or 4)	
6	Enhanced RPS with Hydro	- Policy TBD (policy 3 or 4) - Hydro RECs allowed in Enhanced RPS to meet ramp up prior to 1/2020 -- Add 1000 Mw Canadian Hydro in 1/2020 - Assume 1,900 Mw transmission into Wisconsin from MN is available	See Policy 6 Note
7	Deep Carbon Reduction	- Policy TBD (policy 3 or 4) - Add 1000 Mw non carbon source in Wisconsin in 1/2020 - priced as nuclear - Retire coal units less than 150 Mw (about 1400 Mw) in 1/2020	See Policy Note 7
8	"May not happen"	- Policy TBD (policy 3 or 4) - Energy efficiency response rate on electric side cut in half; Expenditure rate: TBD; - No change in efficiency response rate on natural gas side - Higher costs associated with wind - Vehicle miles traveled response rate cut TBD	See Policy 8 Note
POLICY SCENARIOS UNLIKELY TO BE MODELED (time constraints)			
9	C&T without California Cars	Policy TBD (policy 3 or 4) without California cars	

NOTES TO POLICY SCENARIOS

Policy 5

All fuel prices (natural gas, coal, oil, biomass) to be increased by 25% over reference case prices

Policy 6

- 85% capacity factor, $63/Mwh 2005$ (0% real escalation)- priced as nuclear at Canadian border
- Increase WUMS transmission import from MRO by 500 Mw (total 1,900 Mw) in 2020
- REC (renewable energy credit) only to be used to meet RPS prior to 1,000 Mw hydro purchase starts 1/2020. Assume REC costs $22/Mwh.

Policy 7

- Model as power purchase agreement, 85% capacity , $63/ Mwh 2005$ - priced as nuclear

Policy 8

- Assume incremental Energy Efficiency reductions (over the 0.5% savings which are included in the reference case as current policy) as:

Year	% Reduction
2009	0.50%
2010	0.67
2011	0.83
2012	1.0
2013	1.0
2014	1.0
2015	1.0

- Model Higher Costs for Wind
    1. Assume all wind for Enhanced RPS is built in Wisconsin starting in 1/2015. Prior to 1/2015, keep reference case assumption of 50% of RPS wind is out of state.
    2. All wind starting in 2015 is built in WI and is class 3 wind, with 32% capacity factor. Assume offshore wind is not available during the period of study.
    3. Assume costs starting in 1/2015 as follows (2005):
        i. Overnight capital cost: $2,400/Kw
        ii. Fixed O&M cost: $11.16/kw-yr (no change)
        iii. Transmission cost: $22.00/kw-yr (new cost)
        iv. Total Fixed Cost: $33.16/kw-yr (ii + iii)
        v. Variable O&M; $4.85 in 2015; $4.50 in 2020
        vi. System Regulation: $5.00/Mwh
        vii. Total variable cost: $9.85/Mwh in 2015; $9.50/Mwh in 2020 (v + vi)

- VMT reduction (TBD in cooperation with Transportation WG co-chairs)