Table 13. Variables Modified for Sensitivity Analysis

Scenario number	Scenario Name	Variable	New Value	Reference Value
		Variables Modified		
0	No Planned Additions[1]	Planned Additions PLNTDAF input file	0 MW	707 MW
1	Regional Supply Curves	Long-term Elasticity RENDAT input file	1.0 for all steps[2]	1.0 - 3.0 (5 steps)
2	National Supply Curve	Short-term Elasticity RENDAT input file	1% per 100% addition[3]	1% per 1% addition induced at 20% of previous year's capacity
3	Maximum Annual Deployment Limit	Upper Bound WESAREA input file	10 GW	1 GW
4a	Capacity Credit	Load Capacity Credit	1.00	0.75
4c		CREDIT	1.25	0.75
5	Intermittent Generation Limit	Intermittent Upward Bound UPINTBND	1.00	0.10
6	Inter-regional Transmission	Code change/regional variables ECPDAT input file	allowed	not allowed
7	Learning-by-Doing	Learning Curve UPLRNCR	1.00	1.43 - 0.92
8	Capital Cost	Overnight Capital Cost UPOVR	$270/kW [4]	$540/kW[4]

[1]For all Permit cases, planned additions were included.

[2]In the Permit cases, this constraint was relaxed by increasing the step thresholds to 0.9, 0.96, 0.98 and 0.99 instead of the resource-based values shown in Table 9.

[3]In the Permit cases, the penalty remained 1% per 1% addition but the threshold was changed to when builds exceed 300% of the previous year's capacity.

[4]Values are in 1987$.