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3.0 PROPOSED CONSERVATION RESOURCES

Table 3: Proposed Savings Potential on System Peak (2008-2027) (MW)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Energy Efficiency	116	267	623	886	1149	1412	1675	1938	2092	2248
Fuel Switching	0	0	70	87	104	121	139	156	167	180
Customer-based Generation	20	64	148	156	164	172	180	188	227	265
Conservation Behaviour	0	0	0	0	0	0	0	0	0	0
Demand Management	115	289	566	606	647	687	728	769	780	836
Total Proposed Savings	251	620	1407	1735	2064	2393	2721	3050	3266	3529

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Energy Efficiency	2400	2551	2694	2797	2898	2999	3097	3189	3334	3482
Fuel Switching	192	204	215	227	237	248	257	268	281	295
Customer-based Generation	307	343	377	410	445	478	518	544	584	616
Conservation Behaviour	0	0	0	0	0	0	0	0	0	0
Demand Management	899	912	925	940	955	970	986	1004	1036	1069
Total Proposed Savings	3798	4010	4211	4373	4535	4694	4858	5005	5235	5462

Source: OPA

Note: At the generator, weather normal.

Table 4: Proposed Energy Savings Potential (2008-2027) (TWh)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Energy Efficiency	0.7	1.5	3.5	4.8	6.2	7.5	8.8	10.1	10.8	11.5
Fuel Switching	0.0	0.0	2.4	2.9	3.4	3.8	4.3	4.7	4.8	5.0
Summer	0.0	0.0	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.5
Off-Summer	0.0	0.0	2.2	2.6	3.1	3.5	3.8	4.2	4.3	4.5
Customer-based Generation	0.1	0.4	0.9	1.0	1.0	1.1	1.1	1.2	1.5	1.7
Conservation Behaviour	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Demand Management	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Proposed Savings	0.8	2.0	6.9	8.8	10.7	12.4	14.3	16.1	17.2	18.3

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Energy Efficiency	12.1	12.8	13.4	13.8	14.3	14.8	15.3	15.7	16.4	17.1
Fuel Switching	5.2	5.4	5.5	5.7	5.8	6.0	6.1	6.2	6.5	6.7
Summer	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.8
Off-Summer	4.6	4.7	4.9	5.0	5.1	5.2	5.4	5.5	5.6	5.8
Customer-based Generation	2.0	2.2	2.5	2.7	3.0	3.2	3.4	3.6	3.9	4.1
Conservation Behaviour	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Demand Management	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Proposed Savings	19.4	20.4	21.5	22.3	23.2	24.1	25.0	25.7	26.8	28.0

Source: OPA

Note: At the generator, weather normal.