IRP Bundles D & D38

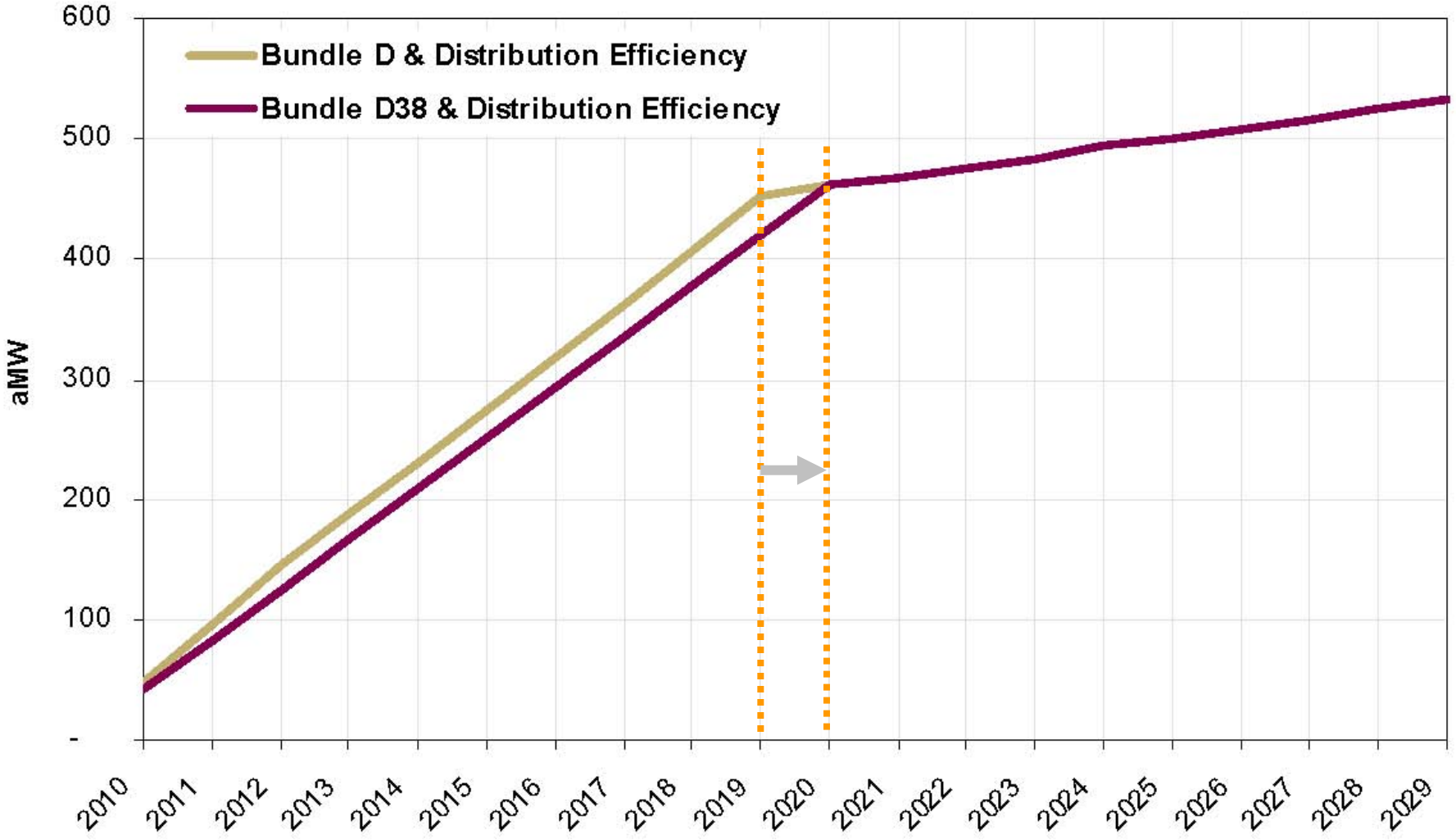
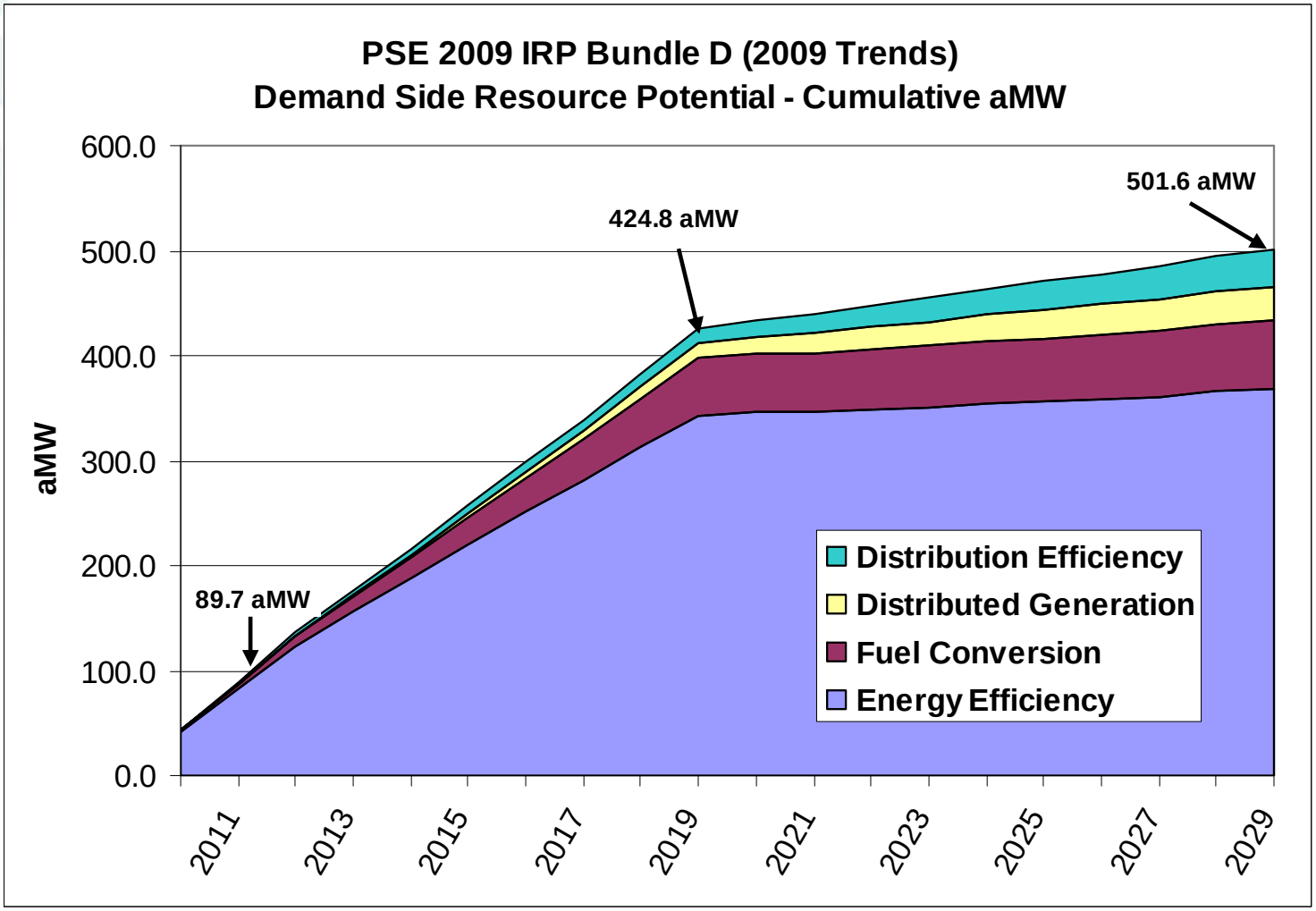


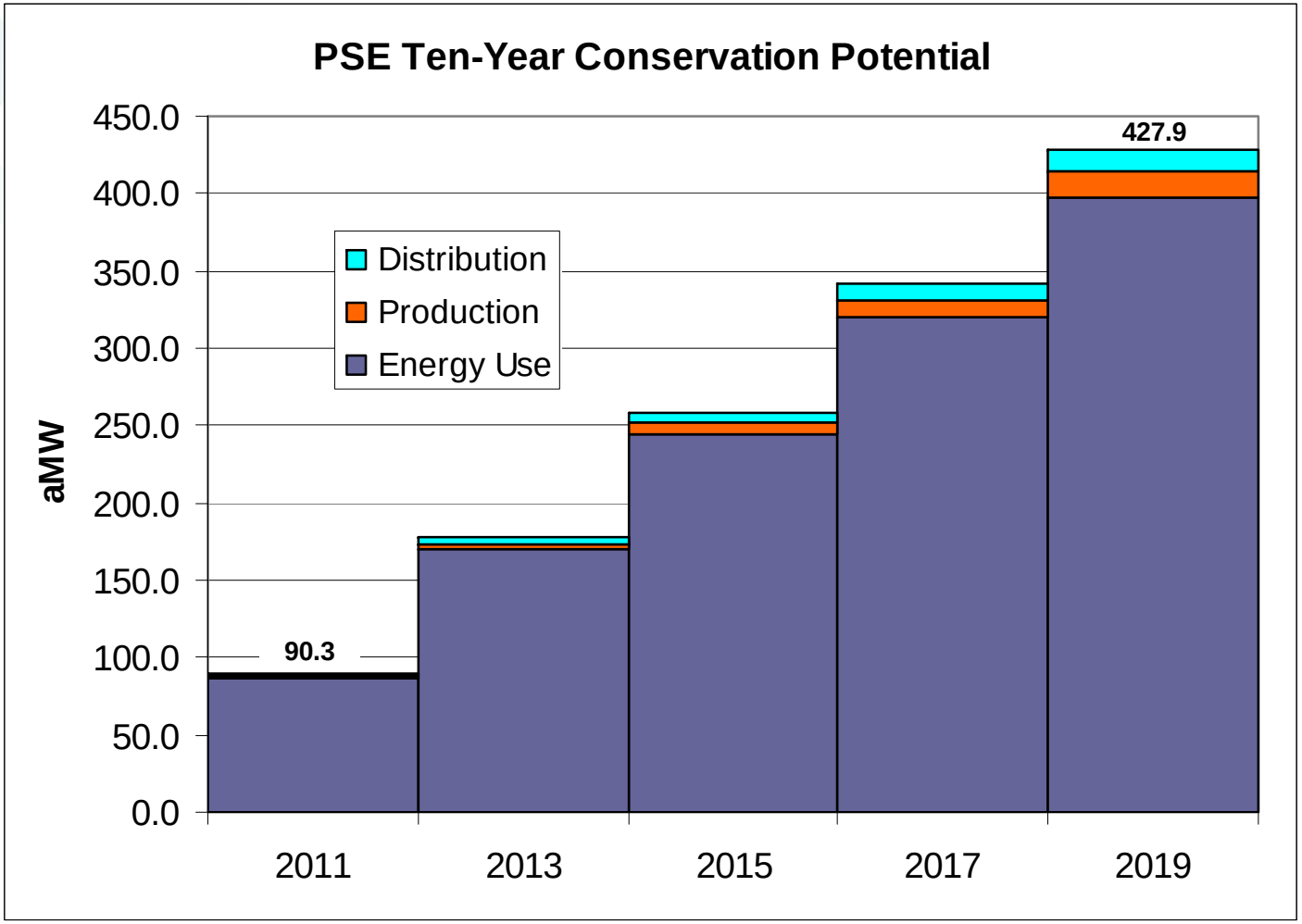
Figure 8-8, PSE 2009 IRP

IRP Optimized Conservation Guidance



Savings are at the customer meter, excluding line losses

WAC Cumulative Ten-Year Conservation Potential



Savings are at the customer meter, excluding line losses

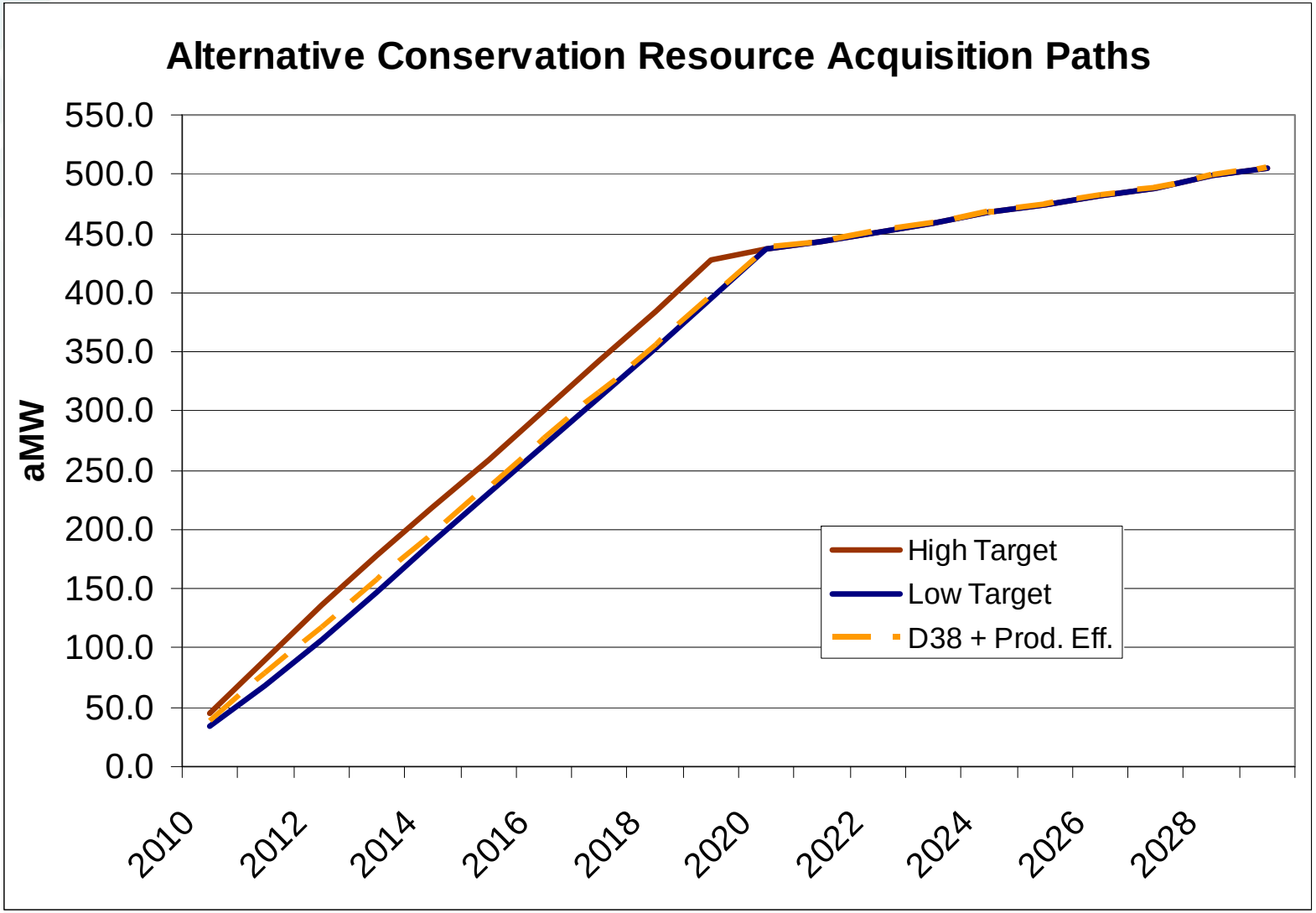
WAC Biennial Conservation Target Range

- 608,032 MWh – 790,862 MWh (69.4 aMW – 90.3 aMW)
  - Prorating criteria:
    - Acceleration of retrofit end use efficiency
    - Market infrastructure ramp-in
    - Business environment uncertainty

	2010-11 aMW	
Total Conservation Potential	90.3	IRP Bundle D end use efficiency plus distribution & production efficiency
Less: Infrastructure Feasibility	-11.4	Delivery infrastructure needs to ramp up (IRP Bundle D38)
Less: Short-Term Timing Feasibility		
Industrial Eff. (50%)	-1.3	Schedule 258 timing -- 4 year window, customer controlled
New Construction (50%)	-3.8	Continued slow construction market
Fuel Conversion (75%)	-2.8	PSE program behind target -- low demand/slow economy
Distributed Gen (50%)	-0.1	PSE had no success with CHP porjects in previous RFPs
Distrib. Sys. Eff. (50%)	-1.1	Detailed implementation feasibility & plan to be developed in 2010
Gen. Efficiency (50%)	-0.3	Detailed implementation feasibility & plan to be developed in 2010
Total Minus Feasibility Adjustments	69.4	

Savings are at the customer meter, excluding line losses

Acquisition Path High vs. Low Ends of Target Range



Acquisition Path High vs. Low Ends of Target Range

TARGET PATHS AT THE METER

High 2010-11 Target Path - Bundle D		2011	2013	2015	2017	2019	2021
Energy Use	MWh	764,457	1,491,347	2,142,329	2,801,653	3,484,135	3,529,111
	aMW	87.3	170.2	244.6	319.8	397.7	402.9
Production	MWh	6,835	23,882	61,096	103,309	145,492	193,311
	aMW	0.8	2.7	7.0	11.8	16.6	22.1
Distribution	MWh	19,570	39,412	62,993	90,645	119,145	156,542
	aMW	2.2	4.5	7.2	10.3	13.6	17.9
High Target	MWh	790,862	1,554,641	2,266,418	2,995,606	3,748,773	3,878,964
	aMW	90.3	177.5	258.7	342.0	427.9	442.8

Low 2010-11 Target Path		2011	2013	2015	2017	2019	2021
Energy Use	MWh	594,829	1,257,592	1,941,552	2,581,456	3,210,464	3,529,111
	aMW	67.9	143.6	221.6	294.7	366.5	402.9
Production	MWh	3,418	13,518	36,479	73,339	128,003	193,311
	aMW	0.4	1.5	4.2	8.4	14.6	22.1
Distribution	MWh	9,832.9	29,675	55,008	84,412	119,044	156,542
	aMW	1.1	3.4	6.3	9.6	13.6	17.9
Low Target	MWh	608,080	1,300,785	2,033,039	2,739,207	3,457,511	3,878,964
	aMW	69.4	148.5	232.1	312.7	394.7	442.8

Bundle D38 Path		2011	2013	2015	2017	2019	2021
D38 + Prod. Eff.	MWh	690,761	1,381,794	2,076,566	2,775,409	3,475,101	3,878,964
	aMW	78.9	157.7	237.1	316.8	396.7	442.8

Savings are at the customer meter, excluding line losses

Acquisition Path High vs. Low Ends of Target Range

TARGET PATHS AT THE GENERATOR

High 2010-11 Target Path - Bundle D		2011	2013	2015	2017	2019	2021
Energy Use	MWh	815,675	1,591,267	2,285,865	2,989,363	3,717,572	3,765,562
	aMW	93.1	181.7	260.9	341.3	424.4	429.9
Production	MWh	6,929	24,755	64,098	108,775	153,421	204,443
	aMW	0.8	2.8	7.3	12.4	17.5	23.3
Distribution	MWh	19,570	39,412	62,993	90,645	119,145	156,542
	aMW	2.2	4.5	7.2	10.3	13.6	17.9
High Target	MWh	842,174	1,655,434	2,412,956	3,188,783	3,990,138	4,126,547
	aMW	96.1	189.0	275.5	364.0	455.5	471.1

Low 2010-11 Target Path		2011	2013	2015	2017	2019	2021
Energy Use	MWh	634,683	1,341,850	2,071,636	2,754,414	3,425,565	3,765,562
	aMW	72.5	153.2	236.5	314.4	391.0	429.9
Production	MWh	3,465	13,878	38,013	76,979	134,942	204,443
	aMW	0.4	1.6	4.3	8.8	15.4	23.3
Distribution	MWh	9,833	29,675	55,008	84,412	119,044	156,542
	aMW	1.1	3.4	6.3	9.6	13.6	17.9
Low Target	MWh	647,980	1,385,403	2,164,657	2,915,804	3,679,550	4,126,547
	aMW	74.0	158.2	247.1	332.9	420.0	471.1

Bundle D38 Path		2011	2013	2015	2017	2019	2021
D38 + Prod. Eff.	MWh	735,367	1,471,006	2,210,384	2,953,833	3,698,131	4,126,547
	aMW	83.9	167.9	252.3	337.2	422.2	471.1

Savings are at the power generator, including line losses