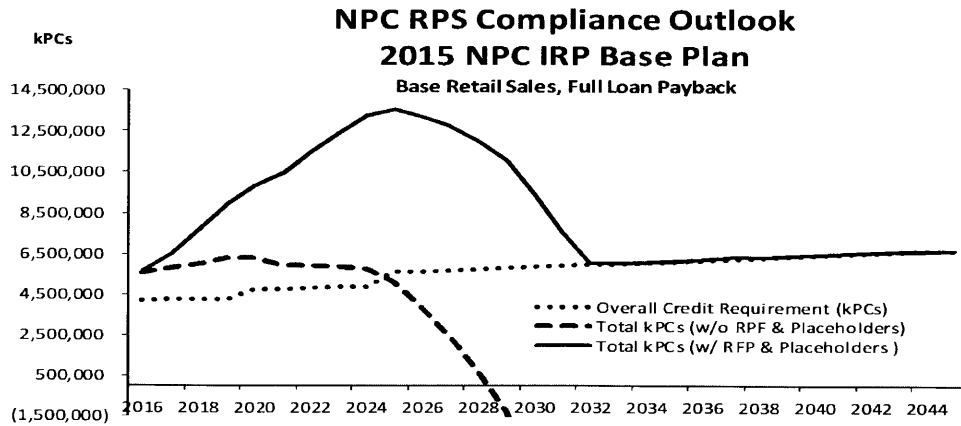


REN 3

Renewable – Compliance Build Out Scenarios

REN 4 NPC IRP Renewable Build Cases A & B (Base, Low, High, & Exit Plans)



Projected RPS credit short-fall assuming no RFP or Placeholder Projects >>  
 Projected RPS credit short-fall with the full 350 MW ERCR >>

2025
2032

Project	MW	COD	MTH/YR
Subscription Solar SN 5 MW Tracking	5.0	12	2016
ERCR 2014 First Choice	100.0	10	2016 < Sun Power, Boulder
ERCR 2015 First Choice	100.0	1	2017 < First Solar, Playa 2
PV SN 100 MW Tracking	100.0	12	2017
NVE PV SN 10 MW Tracking	10.0	12	2017
NVE PV SN 10 MW Tracking	10.0	12	2018
NVE PV SN 10 MW Tracking	10.0	12	2021
PPA Geo NN 25 MW (2X)	50.0	1	2032
PPA Geo NN 25 MW (4X)	100.0	1	2033
PPA Geo NN 25 MW (4X)	100.0	1	2033
PPA Geo NN 25 MW (3X)	75.0	1	2033
PPA PV SN 25 MW Tracking (4X)	100.0	1	2033
PPA PV SN 25 MW Tracking (4X)	100.0	1	2033
PPA PV SN 25 MW Tracking (3X)	75.0	1	2033
PPA PV SN 25 MW Tracking (1X)	25.0	1	2034
PPA PV SN 25 MW Tracking (2X)	50.0	1	2035
PPA PV SN 25 MW Tracking (4X)	100.0	1	2037
PPA PV SN 25 MW Tracking (4X)	100.0	1	2037
PPA PV SN 25 MW Tracking (1X)	25.0	1	2037
PPA PV SN 25 MW Tracking (2X)	50.0	1	2038
PPA PV SN 25 MW Tracking (3X)	75.0	1	2039
PPA PV SN 25 MW Tracking (1X)	25.0	1	2040
PPA Geo NN 25 MW (4X)	100.0	1	2041
PPA PV SN 25 MW Tracking (2X)	50.0	1	2042
PPA PV SN 25 MW Tracking (4X)	100.0	1	2043
PPA PV SN 25 MW Tracking (1X)	25.0	1	2044
PPA PV SN 25 MW Tracking (1X)	25.0	1	2045
<b>Total NPC</b>	<b>1,685.0</b>		

\* ERCR RFP & Placeholder projects do not imply intent. The timing and type of projects selected will be driven based on proposals submitted and the options available at the time.

**Base** Retail Sales, Credit Requirement and Credits by Type

## Nevada Power - Projected Portfolio Energy Credits by Year and Type

Year	Net Energy	Station Usage & Misc. PEC Purchases	Renewable Generations	Demand Side Management (DSM)	Prior Year Banked or (Deficit Carry Forward) adjusted for Credits Repaid in SPPC	Total PECs	RPS Credit Requirement
2016	2,971,160	605,138	454,202	841,988	737,163	5,609,651	4,209,939
2017	3,509,419	603,488	540,275	847,510	941,869	6,442,561	4,237,548
2018	3,827,772	601,697	568,480	853,650	1,746,950	7,598,549	4,268,250
2019	3,886,398	708,028	568,300	858,469	2,872,131	8,893,326	4,292,347
2020	3,928,619	715,865	568,107	473,710	4,142,706	9,829,007	4,737,101
2021	3,915,359	713,160	567,903	476,700	4,750,204	10,423,326	4,767,001
2022	3,938,613	712,358	567,686	481,502	5,697,842	11,398,001	4,815,023
2023	3,934,608	711,557	567,457	485,746	6,624,390	12,323,759	4,857,461
2024	3,941,385	712,652	566,992	490,302	7,507,605	13,218,935	4,903,020
2025	3,926,627	709,963	566,728	0	8,357,230	13,560,548	5,613,031
2026	3,922,650	709,169	566,452	0	7,988,613	13,186,884	5,662,484
2027	3,918,682	696,919	566,163	0	7,565,391	12,747,156	5,715,833
2028	3,706,050	609,471	566,017	0	7,072,209	11,953,746	5,776,348
2029	3,691,969	587,751	565,870	0	6,218,291	11,063,881	5,828,518
2030	3,106,144	384,518	565,724	0	5,276,039	9,332,424	5,879,552
2031	3,102,212	384,118	565,577	0	3,493,442	7,545,349	5,931,842
2032	3,361,892	429,598	565,431	0	1,653,973	6,010,894	5,989,426
2033	4,791,853	604,862	565,284	0	61,939	6,023,939	6,034,975
2034	4,863,928	604,463	565,138	0	29,219	6,062,748	6,090,979
2035	4,968,806	603,416	565,138	0	11,919	6,149,278	6,146,533
2036	4,978,532	604,667	565,138	0	42,790	6,191,128	6,201,852
2037	5,091,243	602,617	565,138	0	29,325	6,288,323	6,257,668
2038	5,060,360	593,986	565,138	0	70,490	6,289,975	6,313,987
2039	5,212,605	592,478	565,138	0	15,717	6,385,938	6,370,813
2040	5,248,309	592,640	565,138	0	54,750	6,460,837	6,428,151
2041	5,363,900	510,400	565,138	0	72,314	6,511,751	6,486,004
2042	5,500,654	510,400	565,138	0	25,747	6,601,939	6,544,378
2043	5,506,645	510,400	565,138	0	57,561	6,639,743	6,603,277
2044	5,570,873	511,797	565,138	0	36,466	6,684,273	6,662,707
2045	5,631,556	510,400	565,138	0	21,566	6,728,660	6,722,671