

Winter Owned Unit Capacity	Winter Net Dependable Capacity (NDC)	Dec-12	Dec-13	Dec-14	Dec-15	Dec-16	Dec-17	Dec-18	Dec-19	Dec-20	Dec-21	Dec-22
Steam Turbine Units												
Arapahoe 3	44	44	44	0	0	0	0	0	0	0	0	0
Arapahoe 4	109	109	109	0	0	0	0	0	0	0	0	0
Cherokee 1	107	0	0	0	0	0	0	0	0	0	0	0
Cherokee 2	106	0	0	0	0	0	0	0	0	0	0	0
Cherokee 3	152	152	152	152	152	0	0	0	0	0	0	0
Cherokee 4	352	352	352	352	352	352	352	352	352	352	352	352
Comanche 1	325	325	325	325	325	325	325	325	325	325	325	325
Comanche 2	335	335	335	335	335	335	335	335	335	335	335	335
Comanche 3 - Xcel	522	522	522	522	522	522	522	522	522	522	522	522
Craig 1	42	42	42	42	42	42	42	42	42	42	42	42
Craig 2	42	42	42	42	42	42	42	42	42	42	42	42
Hayden 1 - Xcel	139	139	139	139	139	139	139	139	139	139	139	139
Hayden 2 - Xcel	98	98	98	98	98	98	98	98	98	98	98	98
Pawnee 1	505	505	505	505	505	505	505	505	505	505	505	505
Valmont 5	184	184	184	184	184	184	184	0	0	0	0	0
Zuni 2	65	0										
Subtotal	3127	2849	2849	2696	2696	2544	2544	2360	2360	2360	2360	2360
Simple Cycle CT Units												
Alamosa 1	17	17	17	17	17	17	17	17	17	17	17	17
Alamosa 2	18	18	18	18	18	18	18	18	18	18	18	18
Fruita	18	18	18	18	18	18	18	18	18	18	18	18
Blue Spruce 1	144	144	144	144	144	144	144	144	144	144	144	144
Blue Spruce 2	148	148	148	148	148	148	148	148	148	148	148	148
Ft. Lupton 1	50	50	50	50	50	50	50	50	50	50	50	50
Ft. Lupton 2	50	50	50	50	50	50	50	50	50	50	50	50
Ft. St. Vrain 5	160	160	160	160	160	160	160	160	160	160	160	160
Ft. St. Vrain 6	159	159	159	159	159	159	159	159	159	159	159	159
Valmont 6	53	0	0	0	0	0	0	0	0	0	0	0
Subtotal	817	764	764	764	764	764	764	764	764	764	764	764
Combine Cycle Units												
Fort St Vrain 1-4	716	716	716	716	716	716	716	716	716	716	716	716
Rocky Mtn Energy Center	615	615	615	615	615	615	615	615	615	615	615	615
Cherokee 2x1 CC					624	624	624	624	624	624	624	624
Subtotal	1331	1331	1331	1331	1955	1955	1955	1955	1955	1955	1955	1955
Hydro and Wind Units												
Cabin Creek	300	300	300	300	300	300	300	300	300	300	300	300
Conventional Hydro	19	19	19	19	19	19	19	19	19	19	19	19
Ponnequin	3	3	3	3	3	3	3	3	3	3	3	3
Subtotal	322	322	322	322	322	322	322	322	322	322	322	322
PSCo Owned Gen NDC Total (winter)	5597	5266	5266	5113	5113	5585	5585	5401	5401	5401	5401	5401

Yellow Highlight Indicates Lack of Firm Fuel

2011 Winter Generation Adequacy Study (2012 - 2022)

	Winter Season	December-12	December-13	December-14	December-15	December-16	December-17	December-18
a	Owned Gen Net Capacity	5,266	5,266	5,113	5,113	5,585	5,585	5,401
b	LT Contract and PPA Net Capacity	1,582	1,809	1,733	1,759	1,352	1,252	1,252
c	Total Resources (a + b)	6,848	7,075	6,846	6,872	6,937	6,837	6,653
d	90th Probability Peak Demand	5,406	5,481	5,554	5,621	5,700	5,754	5,815
e	Interruptible Load	256	258	259	260	261	262	263
f	90th Prob Firm Peak Demand (d - e)	5150	5223	5295	5361	5439	5492	5552
g	Contingency Margin	1,036	1,036	1,036	1,036	1,036	1,036	1,036
h	Operating Reserve Requirement	309	309	309	309	309	309	309
i	Winter Generation Adequacy Capacity (c - f - g - h)	354	508	207	167	154	1	-243

	Winter Season	December-19	December-20	December-21	December-22
a	Owned Gen Net Capacity	5,401	5,401	5,401	5,401
b	LT Contract and PPA Net Capacity	1,103	1,103	1,103	806
c	Total Resources (a + b)	6,504	6,504	6,504	6,207
d	90th Probability Peak Demand	5,868	5,932	5,971	5,786
e	Interruptible Load	264	265	223	224
f	90th Prob Firm Peak Demand (d - e)	5604	5667	5748	5562
g	Contingency Margin	1,036	1,036	1,036	1,036
h	Operating Reserve Requirement	309	309	309	309
i	Winter Generation Adequacy Capacity (c - f - g - h)	-444	-507	-588	-699