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FILED WITH THE PUBLIC UTILITIES COMMISSION OF NEVADA - 7/20/2020

BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA

Application of NEVADA POWER COMPANY d/b/a NV Energy and SIERRA PACIFIC POWER COMPANY d/b/a NV Energy seeking approval of the Fourth Amendment to the 2018 Joint Integrated Resource Plan, including a request for approval of two new renewable energy power purchase agreements, a utility owned renewable facility and updates to the Transmission Plan, including new projects needed to increase import capacity, increase reliability, access renewable energy zones and allow the new renewable facilities to interconnect into the system.	Docket No. 20-07___

VOLUME 8 OF 9

TECHNICAL APPENDIX

ITEM	DESCRIPTION	PAGE NUMBER
ECON-1	Loads and Resources Tables	2
ECON-2	Capital Projects (Confidential)	107
ECON-3	PWRR (Production Costs plus Capital Costs)	109
ECON-4	PROMOD Area Diagram	121
ECON-5	E3: Effective Load Carrying Capability Report	130
ECON-6	E3: Zero Carbon Findings and Analysis	211

ECON-1

NPC

LOADS AND RESOURCES TABLE

No New Import - So PV

	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Gross Peak	6,028	6,215	6,331	6,465	6,579	6,699	6,822	6,943	7,064	7,188	7,296	7,412	7,522	7,627	7,738	7,845	7,946	8,044	8,148	8,254	8,360	8,456	8,564	8,669	8,779	8,901	9,029	9,145	9,240	9,365
DSM	75	114	152	192	226	261	301	342	383	425	460	502	544	586	629	665	703	745	789	833	876	914	953	997	1,042	1,087	1,133	1,175	1,220	1,266
Private Generation	91	123	150	176	203	230	256	280	305	326	345	363	384	403	422	440	461	480	500	517	538	558	577	594	616	635	654	671	693	712
Avoided Capacity	136	142	145	148	143	140	162	169	176	175	182	190	199	200	205	204	204	206	209	208	192	191	190	190	186	177	167	169	171	173
Forecast System Peak	5,726	5,836	5,884	5,949	6,007	6,068	6,103	6,152	6,200	6,262	6,309	6,357	6,395	6,438	6,482	6,536	6,578	6,613	6,650	6,696	6,754	6,793	6,844	6,888	6,935	7,002	7,075	7,130	7,156	7,214
Sales Obligations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NET System Peak	5,726	5,836	5,884	5,949	6,007	6,068	6,103	6,152	6,200	6,262	6,309	6,357	6,395	6,438	6,482	6,536	6,578	6,613	6,650	6,696	6,754	6,793	6,844	6,888	6,935	7,002	7,075	7,130	7,156	7,214
Planning Reserves (12%)	687	700	706	714	721	728	732	738	744	751	757	763	767	773	778	784	789	794	798	804	810	815	821	827	832	840	849	856	859	866
REQUIRED RESOURCES	6,413	6,536	6,590	6,663	6,728	6,796	6,835	6,890	6,944	7,013	7,066	7,120	7,162	7,211	7,260	7,320	7,367	7,407	7,448	7,500	7,564	7,608	7,665	7,715	7,767	7,842	7,924	7,986	8,015	8,080
AVAILABLE RESOURCES	5,133	5,176	5,038	6,007	6,008	6,014	6,013	5,973	5,973	5,861	5,750	5,980	5,928	5,905	5,969	6,413	6,289	6,314	6,747	6,176	6,492	6,272	6,270	6,454	6,479	6,488	6,320	6,343	6,446	6,300
OPEN Position	1,280	1,360	1,552	656	720	782	822	917	971	1,152	1,316	1,140	1,234	1,306	1,291	907	1,078	1,093	701	1,324	1,072	1,336	1,395	1,261	1,288	1,354	1,604	1,643	1,569	1,780

Transmission

Availability for NPC Import	4,391	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316
Resources needing transmission	342	352	349	342	343	344	343	337	337	286	286	276	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198
Filling NPC's Open Position	1,280	1,360	1,552	656	720	782	822	917	971	1,152	1,316	1,140	1,234	1,306	1,291	907	1,078	1,093	701	1,324	1,072	1,336	1,395	1,261	1,288	1,354	1,604	1,643	1,569	1,780
Available Trans after native load	2,769	2,604	2,415	3,318	3,253	3,190	3,151	3,062	3,008	2,878	2,714	2,900	2,884	2,812	2,827	3,211	3,040	3,025	3,417	2,794	3,046	2,782	2,723	2,857	2,830	2,764	2,514	2,475	2,549	2,338

Company NPC

Row Labels	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
existing																														
NVE.existing.Gas	4,364	4,364	4,364	4,364	4,364	4,364	4,364	4,364	4,364	4,316	4,262	4,052	4,052	3,837	3,622	3,622	3,478	3,478	2,860	1,586	1,586	484	484	484	484	484	-	-	-	-
NVE.existing.Renewable.PV	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	-	-	-	-	-	-	-	-	-	-
NVE.existing.Renewable.WH	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-
PPA.existing.Conventional	452	372	199	192	193	194	193	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198
PPA.existing.Renewable.BESS	-	-	22	447	447	446	446	446	446	445	430	430	430	419	403	379	383	370	365	317	299	291	291	291	284	284	266	251	205	-
PPA.existing.Renewable.CSP	34	34	34	34	34	34	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PPA.existing.Renewable.GEO	127	127	127	127	127	127	127	116	116	65	65	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PPA.existing.Renewable.LFG	9	9	9	9	9	9	9	9	9	9	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PPA.existing.Renewable.PV	119	242	255	384	384	389	389	389	389	381	355	355	355	337	323	300	284	262	257	199	184	178	177	177	171	162	105	100	79	-
PPA.existing.Renewable.WIND	20	20	20	20	20	20	20	20	20	20	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
existing Total	5,133	5,176	5,038	5,585	5,586	5,591	5,590	5,550	5,550	5,442	5,347	5,127	5,043	4,799	4,553	4,506	4,350	4,315	3,687	2,307	2,267	1,151	1,150	1,150	1,137	1,128	569	549	482	198
placeholder																														
NVE.placeholder.Gas																														
1-2x1 CC SN 900 MW_42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	900	900	900	900	900	900	900	900	900
2-CT SN 90 MW_44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	180	180	180	180	180	180	180
11-CT SN 90 MW_39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	990	990	990	990	990	990	990	990	990	990	990	990
3-CT SN 90 MW_47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	270	270	270	270
5-CT SN 90 MW_32	-	-	-	-	-	-	-	-	-	-	-	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450
NVE.placeholder.Gas Total	-	-	-	-	-	-	-	-	-	-	-	450	450	450	450	450	450	450	1,440	1,440	1,440	2,340	2,340	2,520	2,520	2,520	2,790	2,790	2,790	2,790
PPA.placeholder.renewable.BESS																														
3-BESS - 200 MW_41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	392	381	381	381	373	372	350	346	347	344
6-BESS - 200 MW_40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	829	783	762	762	762	746	745	700	692	693	689
NPC Grid Tied Storage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	264	745	754	809	877	760	718	762	762	762	808	931	1,050	1,095	1,213	1,378
1-BESS - 200 MW_34	-	-	-	-	-	-	-	-	-	-	-	-	-	183	176	166	167	162	159	138	131	127	127	127	124	124	117	115	116	115
PPA.placeholder.renewable.BESS Total	-	-	-	-	-	-	-	-	-	-	-	-	-	183	440	911	921	971	1,036	1,727	2,024	2,032	2,032	2,032	2,051	2,172	2,217	2,248	2,369	2,526
PPA.placeholder.renewable.GO																														
SO3N_33	-	-	-	-	-	-	-	-	-	-	-	-	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
PPA.placeholder.renewable.GO Total	-	-	-	-	-	-	-	-	-	-	-	-	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32

PPA.placeholder.renewable.PV																														
PV3_41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8	8	8	8	8	9	9	9	9
PV1_45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3
PV3_48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	9	9
PV1_49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
PV1_35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3
PV4_37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	15	15	12	11	11	11	11	11	11	11	11	12	12
PV1_37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	3	3	3	3	3	3	3	3	3	3	3
PV3_38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	11	9	8	8	8	8	8	8	9	9	9	9
PV2_42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	5	5	5	6	6	6	6
PV1_40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3
PV1_44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3
PV4_45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	11	11	11	12	12
PV12_47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	34	35	35
PV8_47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	23	23	23
PV12_50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35
PV4_50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
PV3_39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	9	8	8	8	8	8	8	9	9	9	9
PV1_50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
3-PPA - 300 MW PV_41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	99	97	97	97	99	98	102	103	104	106
6-PPA - 300 MW PV_40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	216	199	195	194	194	197	196	204	206	207	211
PV12_35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	45	45	46	46	36	33	32	32	32	33	33	34	34	35	35
PV4_35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	15	15	15	15	12	11	11	11	11	11	11	11	11	12	12
PV12_36A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	45	46	46	36	33	32	32	32	33	33	34	34	35	35
PV12_36B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	45	46	46	36	33	32	32	32	33	33	34	34	35	35
PV8_36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	30	31	31	24	22	22	22	22	22	22	23	23	23	23
PV12_46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33	34	34	35	35
PV12_49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	35
1-PPA - 300 MW PV_34	-	-	-	-	-	-	-	-	-	-	-	-	-	51	49	45	45	46	46	36	33	32	32	32	33	33	34	34	35	35
PPA.placeholder.renewable.PV Total	-	-	-	-	-	-	-	-	-	-	-	-	-	51	118	229	248	265	275	435	507	502	501	504	527	558	637	649	698	754
placeholder Total	-	-	-	-	-	-	-	-	-	-	-	450	482	716	1,040	1,622	1,651	1,718	2,783	3,634	4,003	4,906	4,905	5,088	5,130	5,282	5,676	5,719	5,889	6,102
proposed																														
NVE.proposed.renewable.BESS																														
1-Dry Lake BESS_24	-	-	-	98	98	98	98	98	98	97	94	94	94	91	88	83	84	81	80	69	65	63	63	64	62	62	58	58	58	-
NVE.proposed.renewable.BESS Total	-	-	-	98	98	98	98	98	98	97	94	94	94	91	88	83	84	81	80	69	65	63	63	64	62	62	58	58	58	-
NVE.proposed.renewable.PV																														
1-Dry Lake_24	-	-	-	29	29	29	29	29	29	29	27	27	27	25	25	23	23	23	23	18	17	16	16	16	16	16	17	17	17	-
NVE.proposed.renewable.PV Total	-	-	-	29	29	29	29	29	29	29	27	27	27	25	25	23	23	23	23	18	17	16	16	16	16	16	17	17	17	-
PPA.proposed.renewable.BESS																														
1-Chuckwalla BESS_24	-	-	-	176	176	176	176	176	176	175	169	169	169	165	158	149	151	146	143	124	118	114	114	114	112	-	-	-	-	-
1-Boulder Solar III BESS_24	-	-	-	57	57	57	57	57	57	56	54	54	54	53	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PPA.proposed.renewable.BESS Total	-	-	-	233	233	233	233	233	233	231	223	223	223	218	209	149	151	146	143	124	118	114	114	114	112	-	-	-	-	-
PPA.proposed.renewable.PV																														
1-Chuckwalla_24	-	-	-	38	38	38	38	38	38	38	36	36	36	34	33	30	30	31	31	24	22	22	22	22	22	-	-	-	-	-
1-Boulder Solar III_24	-	-	-	24	24	25	25	25	25	24	23	23	23	22	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PPA.proposed.renewable.PV Total	-	-	-	62	62	63	63	63	63	62	59	59	59	56	54	30	30	31	31	24	22	22	22	22	22	-	-	-	-	-
proposed Total	-	-	-	422	422	423	423	423	423	419	403	403	403	390	376	285	288	281	277	235	222	215	215	216	212	78	75	75	75	-

SPPC

LOADS AND RESOURCES TABLE

No New Import - So PV

	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Gross Peak	1,940	1,829	1,898	1,975	2,011	1,976	2,013	2,049	2,074	2,099	2,125	2,150	2,176	2,205	2,231	2,257	2,286	2,313	2,342	2,370	2,400	2,427	2,455	2,482	2,511	2,537	2,566	2,594	2,619	2,648
DSM	31	44	59	71	83	95	105	120	132	144	155	164	176	191	203	213	225	234	247	262	273	284	296	306	321	333	345	357	366	378
Private Generation	3	5	6	7	9	10	11	13	14	15	16	17	18	20	21	22	23	24	25	26	28	29	30	31	32	33	34	35	37	38
Avoided Capacity	26	29	34	36	39	41	42	43	46	47	48	48	50	49	49	51	51	52	52	53	54	54	53	53	53	54	55	55	52	53
Forecast System Peak	1,880	1,751	1,799	1,861	1,880	1,830	1,855	1,873	1,882	1,893	1,906	1,921	1,932	1,945	1,958	1,971	1,987	2,003	2,018	2,029	2,045	2,060	2,076	2,092	2,105	2,117	2,132	2,147	2,164	2,179
Sales Obligations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NET System Peak	1,880	1,751	1,799	1,861	1,880	1,830	1,855	1,873	1,882	1,893	1,906	1,921	1,932	1,945	1,958	1,971	1,987	2,003	2,018	2,029	2,045	2,060	2,076	2,092	2,105	2,117	2,132	2,147	2,164	2,179
Planning Reserves (15%)	282	263	270	279	282	275	278	281	282	284	286	288	290	292	294	296	298	300	303	304	307	309	311	314	316	318	320	322	325	327
REQUIRED RESOURCES	2,162	2,014	2,069	2,140	2,162	2,105	2,133	2,154	2,164	2,177	2,192	2,209	2,222	2,237	2,252	2,267	2,285	2,303	2,321	2,333	2,352	2,369	2,387	2,406	2,421	2,435	2,452	2,469	2,489	2,506
AVAILABLE RESOURCES	1,795	1,624	1,695	1,991	1,991	2,006	1,995	1,975	1,880	1,939	2,291	2,175	2,175	2,142	2,142	2,081	2,024	2,080	2,062	2,092	2,033	2,169	2,172	2,052	2,087	2,089	2,222	2,238	2,133	2,270
OPEN Position	367	390	374	149	171	99	138	179	284	238	-	34	47	95	110	186	261	223	259	241	319	200	215	354	334	346	230	231	356	236
Transmission																														
Availability for Sierra Import	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634
Resources needing transmission	96	96	179	239	239	239	239	223	223	221	210	210	210	200	196	182	182	162	159	132	123	121	121	121	98	95	92	45	-	-
Filling Sierra's Open Position	367	390	374	149	171	99	138	179	284	238	-	34	47	95	110	186	261	223	259	241	319	200	215	354	334	346	230	231	356	236
Available Trans after native load	171	148	81	246	224	296	257	232	127	175	424	390	377	339	328	266	191	249	216	261	192	313	298	159	202	193	312	358	278	398

Company SPPC

Row Labels	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
existing																														
NVE.existing.Coal	261	134	134	134	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NVE.existing.Gas	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1,111	777	777	777	673	673	673	541	541	541	541	541	541	541	541	541	-	-	-	-	-	-	-
PPA.existing.Conventional	186	12	12	12	12	12	12	12	12	12	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PPA.existing.Renewable.BESS	24	97	149	202	202	202	202	202	202	200	171	171	171	166	161	151	89	87	85	74	70	68	68	68	67	67	62	31	-	-
PPA.existing.Renewable.CSP	16	16	16	16	16	16	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PPA.existing.Renewable.GEO	57	47	35	35	35	27	16	16	5	5	5	5	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-
PPA.existing.Renewable.HYDRO	9	9	9	9	9	9	9	5	3	3	3	3	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
PPA.existing.Renewable.PV	131	198	229	220	220	208	208	208	208	208	194	194	194	182	178	164	164	148	146	114	105	102	102	102	80	72	30	14	-	-
existing Total	1,795	1,624	1,695	1,739	1,739	1,585	1,574	1,554	1,207	1,205	1,162	1,046	1,046	1,029	888	864	802	779	772	729	716	711	711	170	147	139	92	45	-	-
placeholder																														
NVE.placeholder.Gas																														
5-CT NN 84 MW_44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	420	420	420	420	420	420	420
3-CT NN 84 MW_29	-	-	-	-	-	-	-	-	252	252	252	252	252	252	252	252	252	252	252	252	252	252	252	252	252	252	252	252	252	252
2-CT NN 84 MW_35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168
2-CT NN 84 MW_26	-	-	-	-	-	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168
NVE.placeholder.Gas Total	-	-	-	-	-	168	168	168	420	420	420	420	420	420	588	588	588	588	588	588	588	588	588	1,008	1,008	1,008	1,008	1,008	1,008	1,008
PPA.placeholder.renewable.BESS																														
1-BESS - 200 MW_24	-	-	-	195	195	195	195	195	195	194	188	188	188	183	176	166	167	162	159	138	131	127	127	127	124	124	117	115	-	-
1-BESS - 200 MW_42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	127	127	127	124	124	117	115	116	115
1-BESS - 200 MW_40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	138	131	127	127	127	124	124	117	115	116	115
SPPC Grid Tied Storage	-	-	-	-	-	-	-	-	-	49	375	375	375	366	352	331	335	404	398	346	326	317	317	318	373	372	525	577	636	746
PPA.placeholder.renewable.BESS Total	-	-	-	195	195	195	195	195	195	243	563	563	563	549	528	497	502	566	557	622	588	698	698	699	745	744	876	922	868	976
PPA.placeholder.renewable.PV																														
PV3N_38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	11	9	8	8	8	8	8	8	9	9	9	9
PV4N_48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	12	12
PV1N_40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3
PV1N_42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3
PV1N_43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3

PV4N_31	-	-	-	-	-	-	-	-	-	-	18	18	18	17	16	15	15	15	15	12	11	11	11	11	11	11	11	11	12	12
PV2N_47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	6	6
PV1N_34	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3
PV3N_45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8	9	9	9	9
PV4N_46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	11	11	12	12
PV3N_30	-	-	-	-	-	-	-	-	-	14	13	13	13	13	12	11	11	12	11	9	8	8	8	8	8	8	9	9	9	9
PV2N_48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	6
PV1N_36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3
PV4N_49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	12
PV3N_49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	9
PV12N_31	-	-	-	-	-	-	-	-	-	-	53	53	53	51	49	45	45	46	46	36	33	32	32	32	33	33	34	34	35	35
PV12N_47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	34	35	35
PV2N_31	-	-	-	-	-	-	-	-	-	-	9	9	9	8	8	8	8	8	8	6	6	5	5	5	5	5	6	6	6	6
PV8N_50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23
1-PPA - 300 MW PV_24	-	-	-	57	57	58	58	58	58	57	53	53	53	51	49	45	45	46	46	36	33	32	32	32	33	33	34	34	-	-
1-PPA - 300 MW PV_42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	32	32	33	33	34	34	35	35
PV2N_50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
1-PPA - 300 MW PV_40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	33	32	32	32	33	33	34	34	35	35
PPA.placeholder.renewable.PV Total	-	-	-	57	57	58	58	58	58	71	146	146	146	144	138	132	132	147	145	153	141	172	175	175	187	198	246	263	257	286
placeholder Total	-	-	-	252	252	421	421	421	673	734	1,129	1,129	1,129	1,113	1,254	1,217	1,222	1,301	1,290	1,363	1,317	1,458	1,461	1,882	1,940	1,950	2,130	2,193	2,133	2,270

NV Energy

LOADS AND RESOURCES TABLE

No New Import - So PV

	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Gross Peak	7,968	8,044	8,229	8,440	8,590	8,675	8,835	8,992	9,138	9,287	9,421	9,562	9,698	9,832	9,969	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####
DSM	106	158	211	263	309	356	406	462	515	569	615	666	720	777	832	878	928	979	1,036	1,095	1,149	1,198	1,249	1,303	1,363	1,420	1,478	1,532	1,586	1,644
Private Generation	94	128	156	183	212	240	267	293	319	341	361	380	402	423	443	462	484	504	525	543	566	587	607	625	648	668	688	706	730	750
Avoided Capacity	162	171	179	184	182	181	204	212	222	222	230	238	249	249	254	255	255	258	261	261	246	245	243	243	239	231	222	224	223	226
Forecast System Peak	7,606	7,587	7,683	7,810	7,887	7,898	7,958	8,025	8,082	8,155	8,215	8,278	8,327	8,383	8,440	8,507	8,565	8,616	8,668	8,725	8,799	8,853	8,920	8,980	9,040	9,119	9,207	9,277	9,320	9,393
Sales Obligations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NET System Peak	7,606	7,587	7,683	7,810	7,887	7,898	7,958	8,025	8,082	8,155	8,215	8,278	8,327	8,383	8,440	8,507	8,565	8,616	8,668	8,725	8,799	8,853	8,920	8,980	9,040	9,119	9,207	9,277	9,320	9,393
Planning Reserves (13%)	969	963	976	993	1,003	1,003	1,011	1,019	1,026	1,035	1,043	1,051	1,057	1,064	1,072	1,080	1,087	1,094	1,101	1,108	1,117	1,124	1,133	1,140	1,148	1,158	1,169	1,178	1,183	1,193
REQUIRED RESOURCES	8,575	8,550	8,659	8,803	8,890	8,901	8,969	9,044	9,108	9,190	9,258	9,329	9,384	9,447	9,512	9,587	9,652	9,710	9,769	9,833	9,916	9,977	#####	#####	#####	#####	#####	#####	#####	#####
AVAILABLE RESOURCES	6,928	6,800	6,733	7,998	7,999	8,020	8,008	7,948	7,853	7,800	8,041	8,155	8,103	8,047	8,111	8,494	8,313	8,394	8,809	8,268	8,525	8,441	8,442	8,506	8,566	8,577	8,542	8,581	8,579	8,570
OPEN Position	1,647	1,750	1,926	805	891	881	961	1,096	1,255	1,390	1,217	1,174	1,281	1,400	1,401	1,093	1,339	1,316	960	1,565	1,391	1,536	1,611	1,614	1,622	1,700	1,834	1,874	1,924	2,016
Transmission																														
Availability for Sierra Import	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634	634
Resources needing transmission	96	96	179	239	239	239	239	223	223	221	210	210	210	200	196	182	182	162	159	132	123	121	121	121	98	95	92	45	-	-
Filling Sierra's Open Position	367	390	374	149	171	99	138	179	284	238	-	34	47	95	110	186	261	223	259	241	319	200	215	354	334	346	230	231	356	236
Available Trans after native load	171	148	81	246	224	297	257	232	127	175	424	390	377	339	328	266	191	249	216	261	192	313	298	159	202	193	312	358	278	398
Availability for NPC Import	4,391	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316
Resources needing transmission	342	352	349	342	343	344	343	337	337	286	286	276	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198
Filling NPC's Open Position	1,280	1,360	1,552	656	720	782	822	917	971	1,152	1,316	1,140	1,234	1,306	1,291	907	1,078	1,093	701	1,324	1,072	1,336	1,395	1,261	1,288	1,354	1,604	1,643	1,569	1,780
Available Trans after native load	2,769	2,604	2,415	3,318	3,253	3,190	3,151	3,062	3,008	2,878	2,714	2,900	2,884	2,812	2,827	3,211	3,040	3,025	3,417	2,794	3,046	2,782	2,723	2,857	2,830	2,764	2,514	2,475	2,549	2,338

Company (All)

Row Labels	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
existing																														
NVE.existing.Coal	261	134	134	134	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NVE.existing.Gas	5,475	5,475	5,475	5,475	5,475	5,475	5,475	5,475	5,141	5,093	5,039	4,725	4,725	4,510	4,163	4,163	4,019	4,019	3,401	2,127	2,127	1,025	1,025	484	484	484	-	-	-	-
NVE.existing.Renewable.PV	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	-	-	-	-	-	-	-	-	-	-
NVE.existing.Renewable.WH	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-
PPA.existing.Conventional	638	384	211	204	205	206	205	210	210	210	210	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198
PPA.existing.Renewable.BESS	24	97	171	649	649	648	648	648	648	645	601	601	601	585	564	530	472	457	450	391	369	359	359	359	351	351	328	282	205	-
PPA.existing.Renewable.CSP	50	50	50	50	50	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PPA.existing.Renewable.GEO	184	174	162	162	162	154	143	132	121	70	70	60	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-
PPA.existing.Renewable.HYDRO	9	9	9	9	9	9	9	5	3	3	3	3	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
PPA.existing.Renewable.LFG	9	9	9	9	9	9	9	9	9	9	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PPA.existing.Renewable.PV	250	440	484	604	604	597	597	597	597	589	549	549	549	519	501	464	448	410	403	313	289	280	279	279	251	234	135	114	79	-
PPA.existing.Renewable.WIND	20	20	20	20	20	20	20	20	20	20	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
existing Total	6,928	6,800	6,733	7,324	7,325	7,176	7,164	7,104	6,757	6,647	6,509	6,173	6,089	5,828	5,441	5,370	5,152	5,094	4,459	3,036	2,983	1,862	1,861	1,320	1,284	1,267	661	594	482	198
placeholder																														
NVE.placeholder.Gas																														
1-2x1 CC SN 900 MW_42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	900	900	900	900	900	900	900	900	900
5-CT NN 84 MW_44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	420	420	420	420	420	420	420
2-CT SN 90 MW_44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	180	180	180	180	180	180	180
11-CT SN 90 MW_39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	990	990	990	990	990	990	990	990	990	990	990	990
3-CT SN 90 MW_47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	270	270	270	270
3-CT NN 84 MW_29	-	-	-	-	-	-	-	-	252	252	252	252	252	252	252	252	252	252	252	252	252	252	252	252	252	252	252	252	252	252
2-CT NN 84 MW_35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168
2-CT NN 84 MW_26	-	-	-	-	-	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168
5-CT SN 90 MW_32	-	-	-	-	-	-	-	-	-	-	-	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450
NVE.placeholder.Gas Total	-	-	-	-	-	168	168	168	420	420	420	870	870	870	1,038	1,038	1,038	1,038	2,028	2,028	2,028	2,928	2,928	3,528	3,528	3,528	3,798	3,798	3,798	3,798
PPA.placeholder.renewable.BESS																														
1-BESS - 200 MW_24	-	-	-	195	195	195	195	195	195	194	188	188	188	183	176	166	167	162	159	138	131	127	127	127	124	124	117	115	-	-
1-BESS - 200 MW_42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	127	127	127	124	124	117	115	116	115

3-BESS - 200 MW_41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	392	381	381	381	373	372	350	346	347	344
6-BESS - 200 MW_40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	829	783	762	762	762	746	745	700	692	693	689
1-BESS - 200 MW_40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	138	131	127	127	127	124	124	117	115	116	115
NPC Grid Tied Storage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	264	745	754	809	877	760	718	762	762	762	808	931	1,050	1,095	1,213	1,378
SPPC Grid Tied Storage	-	-	-	-	-	-	-	-	-	49	375	375	375	366	352	331	335	404	398	346	326	317	317	318	373	372	525	577	636	746
1-BESS - 200 MW_34	-	-	-	-	-	-	-	-	-	-	-	-	-	183	176	166	167	162	159	138	131	127	127	127	124	124	117	115	116	115
PPA.placeholder.renewable.BESS Total	-	-	-	195	195	195	195	195	195	243	563	563	563	732	968	1,408	1,423	1,537	1,593	2,349	2,612	2,730	2,730	2,731	2,796	2,916	3,093	3,170	3,237	3,502
PPA.placeholder.renewable.GO																														
GO3N_33	-	-	-	-	-	-	-	-	-	-	-	-	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
PPA.placeholder.renewable.GO Total	-	-	-	-	-	-	-	-	-	-	-	-	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
PPA.placeholder.renewable.PV																														
PV3N_38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	11	9	8	8	8	8	8	8	9	9	9	9
PV4N_48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	12	12
PV1N_40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3
PV1N_42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3
PV3_41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8	8	8	8	8	9	9	9	9
PV1_45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3
PV1N_43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3
PV3_48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	9	9
PV4N_31	-	-	-	-	-	-	-	-	-	-	18	18	18	17	16	15	15	15	15	12	11	11	11	11	11	11	11	11	12	12
PV1_49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
PV2N_47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	6	6
PV1_35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3
PV4_37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	15	15	12	11	11	11	11	11	11	11	11	12	12
PV1N_34	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3
PV3N_45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8	9	9	9	9
PV4N_46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	11	11	12	12
PV1_37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	3	3	3	3	3	3	3	3	3	3	3
PV3_38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	11	9	8	8	8	8	8	8	9	9	9	9
PV2_42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	5	5	5	6	6	6	6
PV1_40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3
PV3N_30	-	-	-	-	-	-	-	-	-	14	13	13	13	13	12	11	11	12	11	9	8	8	8	8	8	8	9	9	9	9
PV2N_48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	6
PV1N_36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3
PV4N_49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	12
PV3N_49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	9
PV1_44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3
PV4_45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	11	11	11	12	12
PV12_47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	34	35	35
PV8_47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	23	23	23
PV12_50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35
PV4_50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
PV12N_31	-	-	-	-	-	-	-	-	-	-	53	53	53	51	49	45	45	46	46	36	33	32	32	32	33	33	34	34	35	35
PV12N_47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	34	35	35
PV3_39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	9	8	8	8	8	8	8	9	9	9	9
PV1_50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
PV2N_31	-	-	-	-	-	-	-	-	-	-	9	9	9	8	8	8	8	8	8	6	6	5	5	5	5	5	6	6	6	6
PV8N_50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23
1-PPA - 300 MW PV_24	-	-	-	57	57	58	58	58	58	57	53	53	53	51	49	45	45	46	46	36	33	32	32	32	33	33	34	34	-	-
1-PPA - 300 MW PV_42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	32	32	33	33	34	34	35	35
PV2N_50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
3-PPA - 300 MW PV_41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	99	97	97	97	99	98	102	103	104	106
6-PPA - 300 MW PV_40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	216	199	195	194	194	197	196	204	206	207	211
1-PPA - 300 MW PV_40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	33	32	32	32	33	33	34	34	35	35
PV12_35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	45	45	46	46	36	33	32	32	32	33	33	34	34	35	35
PV4_35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	15	15	15	15	12	11	11	11	11	11	11	11	11	12	12
PV12_36A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	45	46	46	36	33	32	32	32	33	33	34	34	35	35
PV12_36B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	45	46	46	36	33	32	32	32	33	33	34	34	35	35
PV8_36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	30	31	31	24	22	22	22	22	22	22	23	23	23	23
PV12_46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33	34	34	35	35
PV12_49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	35

1-PPA - 300 MW PV_34	-	-	-	-	-	-	-	-	-	-	-	-	-	51	49	45	45	46	46	36	33	32	32	32	33	33	34	34	35	35
PPA.placeholder.renewable.PV Total	-	-	-	57	57	58	58	58	58	71	146	146	146	195	256	361	380	412	420	588	648	674	676	679	714	756	883	912	955	1,040
placeholder Total	-	-	-	252	252	421	421	421	673	734	1,129	1,579	1,611	1,829	2,294	2,839	2,873	3,019	4,073	4,997	5,320	6,364	6,366	6,970	7,070	7,232	7,806	7,912	8,022	8,372
proposed																														
NVE.proposed.renewable.BESS																														
1-Dry Lake BESS_24	-	-	-	98	98	98	98	98	98	97	94	94	94	91	88	83	84	81	80	69	65	63	63	64	62	62	58	58	58	-
NVE.proposed.renewable.BESS Total	-	-	-	98	98	98	98	98	98	97	94	94	94	91	88	83	84	81	80	69	65	63	63	64	62	62	58	58	58	-
NVE.proposed.renewable.PV																														
1-Dry Lake_24	-	-	-	29	29	29	29	29	29	29	27	27	27	25	25	23	23	23	23	18	17	16	16	16	16	16	17	17	17	-
NVE.proposed.renewable.PV Total	-	-	-	29	29	29	29	29	29	29	27	27	27	25	25	23	23	23	23	18	17	16	16	16	16	16	17	17	17	-
PPA.proposed.renewable.BESS																														
1-Chuckwalla BESS_24	-	-	-	176	176	176	176	176	176	175	169	169	169	165	158	149	151	146	143	124	118	114	114	114	112	-	-	-	-	-
1-Boulder Solar III BESS_24	-	-	-	57	57	57	57	57	57	56	54	54	54	53	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PPA.proposed.renewable.BESS Total	-	-	-	233	233	233	233	233	233	231	223	223	223	218	209	149	151	146	143	124	118	114	114	114	112	-	-	-	-	-
PPA.proposed.renewable.PV																														
1-Chuckwalla_24	-	-	-	38	38	38	38	38	38	38	36	36	36	34	33	30	30	31	31	24	22	22	22	22	22	-	-	-	-	-
1-Boulder Solar III_24	-	-	-	24	24	25	25	25	25	24	23	23	23	22	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PPA.proposed.renewable.PV Total	-	-	-	62	62	63	63	63	63	62	59	59	59	56	54	30	30	31	31	24	22	22	22	22	22	-	-	-	-	-
proposed Total	-	-	-	422	422	423	423	423	423	419	403	403	403	390	376	285	288	281	277	235	222	215	215	216	212	78	75	75	75	-

NPC

LOADS AND RESOURCES TABLE

Greenlink North - So PV

	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Gross Peak	6,028	6,215	6,331	6,465	6,579	6,699	6,822	6,943	7,064	7,188	7,296	7,412	7,522	7,627	7,738	7,845	7,946	8,044	8,148	8,254	8,360	8,456	8,564	8,669	8,779	8,901	9,029	9,145	9,240	9,365
DSM	75	114	152	192	226	261	301	342	383	425	460	502	544	586	629	665	703	745	789	833	876	914	953	997	1,042	1,087	1,133	1,175	1,220	1,266
Private Generation	91	123	150	176	203	230	256	280	305	326	345	363	384	403	422	440	461	480	500	517	538	558	577	594	616	635	654	671	693	712
Avoided Capacity	136	142	145	148	143	140	162	169	176	175	182	190	199	200	205	204	204	206	209	208	192	191	190	190	186	177	167	169	171	173
Forecast System Peak	5,726	5,836	5,884	5,949	6,007	6,068	6,103	6,152	6,200	6,262	6,309	6,357	6,395	6,438	6,482	6,536	6,578	6,613	6,650	6,696	6,754	6,793	6,844	6,888	6,935	7,002	7,075	7,130	7,156	7,214
Sales Obligations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NET System Peak	5,726	5,836	5,884	5,949	6,007	6,068	6,103	6,152	6,200	6,262	6,309	6,357	6,395	6,438	6,482	6,536	6,578	6,613	6,650	6,696	6,754	6,793	6,844	6,888	6,935	7,002	7,075	7,130	7,156	7,214
Planning Reserves (12%)	687	700	706	714	721	728	732	738	744	751	757	763	767	773	778	784	789	794	798	804	810	815	821	827	832	840	849	856	859	866
REQUIRED RESOURCES	6,413	6,536	6,590	6,663	6,728	6,796	6,835	6,890	6,944	7,013	7,066	7,120	7,162	7,211	7,260	7,320	7,367	7,407	7,448	7,500	7,564	7,608	7,665	7,715	7,767	7,842	7,924	7,986	8,015	8,080
AVAILABLE RESOURCES	5,133	5,176	5,038	6,007	6,008	6,014	6,013	5,973	5,973	5,861	5,750	5,980	5,928	5,905	5,969	6,413	6,289	6,314	6,747	6,238	6,557	6,334	6,335	6,454	6,479	6,488	6,320	6,343	6,393	6,300
OPEN Position	1,280	1,360	1,552	656	720	782	822	917	971	1,152	1,316	1,140	1,234	1,306	1,291	907	1,078	1,093	701	1,262	1,007	1,274	1,330	1,261	1,288	1,354	1,604	1,643	1,622	1,780
Transmission																														
Availability for NPC Import	4,391	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316	4,316
Resources needing transmission	342	352	349	342	343	344	343	337	337	286	286	276	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198
Filling NPC's Open Position	1,280	1,360	1,552	656	720	782	822	917	971	1,152	1,316	1,140	1,234	1,306	1,291	907	1,078	1,093	701	1,262	1,007	1,274	1,330	1,261	1,288	1,354	1,604	1,643	1,622	1,780
Available Trans after native load	2,769	2,604	2,415	3,318	3,253	3,190	3,151	3,062	3,008	2,878	2,714	2,900	2,884	2,812	2,827	3,211	3,040	3,025	3,417	2,856	3,111	2,844	2,788	2,857	2,830	2,764	2,514	2,475	2,496	2,338

Company: NPC

Row Labels	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
existing																														
NVE.existing.Gas	4,364	4,364	4,364	4,364	4,364	4,364	4,364	4,364	4,364	4,316	4,262	4,052	4,052	3,837	3,622	3,622	3,478	3,478	2,860	1,586	1,586	484	484	484	484	484	-	-	-	-
NVE.existing.Renewable.PV	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	-	-	-	-	-	-	-	-	-	-
NVE.existing.Renewable.WH	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-
PPA.existing.Conventional	452	372	199	192	193	194	193	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198
PPA.existing.Renewable.BESS	-	-	22	447	447	446	446	446	446	445	430	430	430	419	403	379	383	370	365	323	305	296	296	291	284	284	266	251	206	-
PPA.existing.Renewable.CSP	34	34	34	34	34	34	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PPA.existing.Renewable.GEO	127	127	127	127	127	127	127	116	116	65	65	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PPA.existing.Renewable.LFG	9	9	9	9	9	9	9	9	9	9	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PPA.existing.Renewable.PV	119	242	255	384	384	389	389	389	389	381	355	355	355	337	323	300	284	262	257	203	187	184	184	177	171	162	105	100	80	-
PPA.existing.Renewable.WIND	20	20	20	20	20	20	20	20	20	20	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
existing Total	5,133	5,176	5,038	5,585	5,586	5,591	5,590	5,550	5,550	5,442	5,347	5,127	5,043	4,799	4,553	4,506	4,350	4,315	3,687	2,317	2,276	1,162	1,162	1,150	1,137	1,128	569	549	484	198
placeholder																														
NVE.placeholder.Gas																														
1-2x1 CC SN 900 MW_42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	900	900	900	900	900	900	900	900	900
11-CT SN 90 MW_39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	990	990	990	990	990	990	990	990	990	990	990	990
3-CT SN 90 MW_47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	270	270	270	270
2-CT SN 90 MW_44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	180	180	180	180	180	180	180
5-CT SN 90 MW_32	-	-	-	-	-	-	-	-	-	-	-	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450
NVE.placeholder.Gas Total	-	-	-	-	-	-	-	-	-	-	-	450	450	450	450	450	450	450	1,440	1,440	1,440	2,340	2,340	2,520	2,520	2,520	2,790	2,790	2,790	2,790
PPA.placeholder.renewable.BESS																														
3-BESS - 200 MW_41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	399	388	388	381	373	372	350	346	349	344
6-BESS - 200 MW_40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	846	799	775	776	762	746	745	700	692	699	689
1-BESS - 200 MW_34	-	-	-	-	-	-	-	-	-	-	-	-	-	183	176	166	167	162	159	141	133	129	129	127	124	124	117	115	116	115
NPC Grid Tied Storage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	264	745	754	809	877	775	732	775	776	762	808	931	1,050	1,095	1,223	1,378
PPA.placeholder.renewable.BESS Total	-	-	-	-	-	-	-	-	-	-	-	-	-	183	440	911	921	971	1,036	1,762	2,063	2,067	2,069	2,032	2,051	2,172	2,217	2,248	2,387	2,526
PPA.placeholder.renewable.GO																														
GO3N_33	-	-	-	-	-	-	-	-	-	-	-	-	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
PPA.placeholder.renewable.GO Total	-	-	-	-	-	-	-	-	-	-	-	-	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32

PPA.placeholder.renewable.PV																														
PV3_41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8	8	8	8	8	9	9	9	9
PV1_45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3
PV3_48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	9	9
PV1_49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
PV1_35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3
PV4_37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	15	15	12	11	11	11	11	11	11	11	11	12	12
PV1_37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	3	3	3	3	3	3	3	3	3	3	3
PV3_38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	11	9	8	8	8	8	8	8	9	9	9	9
PV2_42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	5	5	5	6	6	6	6
PV1_40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3
PV1_44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3
PV4_45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	11	11	11	12	12
PV12_47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	34	35	35
PV8_47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	23	23	23
PV12_50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35
PV4_50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
PV3_39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	9	8	8	8	8	8	8	9	9	9	9
PV1_50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
3-PPA - 300 MW PV_41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	102	99	99	97	99	98	102	103	104	106
6-PPA - 300 MW PV_40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	222	203	199	198	194	197	196	204	206	209	211
PV12_35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	45	45	46	46	37	34	33	33	32	33	33	34	34	35	35
PV4_35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	15	15	15	15	12	11	11	11	11	11	11	11	11	12	12
PV12_36A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	45	46	46	37	34	33	33	32	33	33	34	34	35	35
PV12_36B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	45	46	46	37	34	33	33	32	33	33	34	34	35	35
PV8_36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	30	31	31	25	23	22	22	22	22	22	23	23	23	23
PV12_46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33	34	34	35	35
PV12_49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	35
1-PPA - 300 MW PV_34	-	-	-	-	-	-	-	-	-	-	-	-	-	51	49	45	45	46	46	37	34	33	33	32	33	33	34	34	35	35
PPA.placeholder.renewable.PV Total	-	-	-	-	-	-	-	-	-	-	-	-	-	51	118	229	248	265	275	446	519	513	512	504	527	558	637	649	700	754
placeholder Total	-	-	-	-	-	-	-	-	-	-	-	450	482	716	1,040	1,622	1,651	1,718	2,783	3,680	4,054	4,952	4,953	5,088	5,130	5,282	5,676	5,719	5,909	6,102
proposed																														
NVE.proposed.renewable.BESS																														
1-Dry Lake BESS_24	-	-	-	98	98	98	98	98	98	97	94	94	94	91	88	83	84	81	80	70	67	65	65	64	62	62	58	58	-	-
NVE.proposed.renewable.BESS Total	-	-	-	98	98	98	98	98	98	97	94	94	94	91	88	83	84	81	80	70	67	65	65	64	62	62	58	58	-	-
NVE.proposed.renewable.PV																														
1-Dry Lake_24	-	-	-	29	29	29	29	29	29	29	27	27	27	25	25	23	23	23	23	19	17	17	17	16	16	16	17	17	-	-
NVE.proposed.renewable.PV Total	-	-	-	29	29	29	29	29	29	29	27	27	27	25	25	23	23	23	23	19	17	17	17	16	16	16	17	17	-	-
PPA.proposed.renewable.BESS																														
1-Chuckwalla BESS_24	-	-	-	176	176	176	176	176	176	175	169	169	169	165	158	149	151	146	143	127	120	116	116	114	112	-	-	-	-	-
1-Boulder Solar III BESS_24	-	-	-	57	57	57	57	57	57	56	54	54	54	53	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PPA.proposed.renewable.BESS Total	-	-	-	233	233	233	233	233	233	231	223	223	223	218	209	149	151	146	143	127	120	116	116	114	112	-	-	-	-	-
PPA.proposed.renewable.PV																														
1-Chuckwalla_24	-	-	-	38	38	38	38	38	38	38	36	36	36	34	33	30	30	31	31	25	23	22	22	22	22	-	-	-	-	-
1-Boulder Solar III_24	-	-	-	24	24	25	25	25	25	24	23	23	23	22	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PPA.proposed.renewable.PV Total	-	-	-	62	62	63	63	63	63	62	59	59	59	56	54	30	30	31	31	25	23	22	22	22	22	-	-	-	-	-
proposed Total	-	-	-	422	422	423	423	423	423	419	403	403	403	390	376	285	288	281	277	241	227	220	220	216	212	78	75	75	-	-

SPPC

LOADS AND RESOURCES TABLE

Greenlink North - So PV

	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Gross Peak	1,940	1,829	1,898	1,975	2,011	1,976	2,013	2,049	2,074	2,099	2,125	2,150	2,176	2,205	###	###	###	###	###	###	###	###	###	2,482	2,511	2,537	2,566	2,594	2,619	2,648
DSM	31	44	59	71	83	95	105	120	132	144	155	164	176	191	203	213	225	234	247	262	273	284	296	306	321	333	345	357	366	378
Private Generation	3	5	6	7	9	10	11	13	14	15	16	17	18	20	21	22	23	24	25	26	28	29	30	31	32	33	34	35	37	38
Avoided Capacity	26	29	34	36	39	41	42	43	46	47	48	48	50	49	49	51	51	52	52	53	54	54	53	53	53	54	55	55	52	53
Forecast System Peak	1,880	1,751	1,799	1,861	1,880	1,830	1,855	1,873	1,882	1,893	1,906	1,921	1,932	1,945	###	###	###	###	###	###	###	###	###	2,092	2,105	2,117	2,132	2,147	2,164	2,179
Sales Obligations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NET System Peak	1,880	1,751	1,799	1,861	1,880	1,830	1,855	1,873	1,882	1,893	1,906	1,921	1,932	1,945	###	###	###	###	###	###	###	###	###	2,092	2,105	2,117	2,132	2,147	2,164	2,179
Planning Reserves (15%)	282	263	270	279	282	275	278	281	282	284	286	288	290	292	294	296	298	300	303	304	307	309	311	314	316	318	320	322	325	327
REQUIRED RESOURCES	2,162	2,014	2,069	2,140	2,162	2,105	2,133	2,154	2,164	2,177	2,192	2,209	2,222	2,237	###	###	###	###	###	###	###	###	###	2,406	2,421	2,435	2,452	2,469	2,489	2,506
AVAILABLE RESOURCES	1,795	1,624	1,695	1,991	1,991	1,838	1,827	1,807	1,460	1,519	1,871	1,839	1,839	1,806	###	###	###	###	###	###	###	###	###	1,632	1,667	1,669	1,802	1,818	1,717	1,850
OPEN Position	367	390	374	149	171	267	306	347	704	658	321	370	383	431	446	522	597	559	595	736	803	679	694	774	754	766	650	651	772	656
Transmission																														
Availability for Sierra Import	634	634	634	634	634	634	1,014	1,014	1,014	1,014	1,014	1,014	1,014	1,014	###	###	###	###	###	###	###	###	###	1,014	1,014	1,014	1,014	1,014	1,014	1,014
Resources needing transmission	96	96	179	239	239	239	239	223	223	221	210	210	210	200	196	182	182	162	159	135	127	122	122	121	98	95	92	45	-	-
Filling Sierra's Open Position	367	390	374	149	171	267	306	347	704	658	321	370	383	431	446	522	597	559	595	736	803	679	694	774	754	766	650	651	772	656
Available Trans after native load	171	148	81	246	224	128	469	444	87	135	483	434	421	383	372	310	235	293	260	143	84	213	198	119	162	153	272	318	242	358

Company SPPC

Row Labels	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
existing																														
NVE.existing.Coal	261	134	134	134	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NVE.existing.Gas	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1,111	777	777	777	673	673	673	541	541	541	541	541	541	541	541	541	-	-	-	-	-	-	-
PPA.existing.Conventional	186	12	12	12	12	12	12	12	12	12	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PPA.existing.Renewable.BESS	24	97	149	202	202	202	202	202	202	200	171	171	171	166	161	151	89	87	85	75	71	69	69	68	67	67	62	31	-	-
PPA.existing.Renewable.CSP	16	16	16	16	16	16	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PPA.existing.Renewable.GEO	57	47	35	35	35	27	16	16	5	5	5	5	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-
PPA.existing.Renewable.HYDRO	9	9	9	9	9	9	9	5	3	3	3	3	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
PPA.existing.Renewable.PV	131	198	229	220	220	208	208	208	208	208	194	194	194	182	178	164	164	148	146	117	109	103	103	102	80	72	30	14	-	-
existing Total	1,795	1,624	1,695	1,739	1,739	1,585	1,574	1,554	1,207	1,205	1,162	1,046	1,046	1,029	888	864	802	779	772	733	721	713	713	170	147	139	92	45	-	-
placeholder																														
NVE.placeholder.Gas																														
2-CT NN 84 MW_35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168
4-CT NN 84 MW_44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	336	336	336	336	336	336	336
1-CT NN 84 MW_32	-	-	-	-	-	-	-	-	-	-	-	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84
NVE.placeholder.Gas Total	-	-	-	-	-	-	-	-	-	-	-	84	84	84	252	252	252	252	252	252	252	252	252	588	588	588	588	588	588	588
PPA.placeholder.renewable.BESS																														
1-BESS - 200 MW_24	-	-	-	195	195	195	195	195	195	194	188	188	188	183	176	166	167	162	159	141	133	129	129	127	124	124	117	115	-	-
1-BESS - 200 MW_42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	129	129	127	124	124	117	115	116	115
1-BESS - 200 MW_44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	127	124	124	117	115	116	115
SPPC Grid Tied Storage	-	-	-	-	-	-	-	-	-	49	375	375	375	366	352	331	335	404	398	352	333	323	323	318	373	372	525	577	640	746
PPA.placeholder.renewable.BESS Total	-	-	-	195	195	195	195	195	195	243	563	563	563	549	528	497	502	566	557	493	466	581	581	699	745	744	876	922	872	976
PPA.placeholder.renewable.PV																														
PV3N_38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	11	9	8	8	8	8	8	8	9	9	9	9
PV4N_48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	12	12
PV1N_40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3

PV1N_42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3
PV1N_43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3
PV4N_31	-	-	-	-	-	-	-	-	-	-	18	18	18	17	16	15	15	15	15	12	11	11	11	11	11	11	11	11	12	12
PV2N_47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	6	6
PV1N_34	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3
PV3N_45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8	9	9	9	9
PV4N_46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	11	11	12	12
PV3N_30	-	-	-	-	-	-	-	-	-	14	13	13	13	13	12	11	11	12	11	9	8	8	8	8	8	8	9	9	9	9
PV2N_48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	6
PV1N_36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3
PV4N_49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	12
PV3N_49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	9
PV12N_31	-	-	-	-	-	-	-	-	-	-	53	53	53	51	49	45	45	46	46	37	34	33	33	32	33	33	34	34	35	35
PV12N_47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	34	35	35
PV2N_31	-	-	-	-	-	-	-	-	-	-	9	9	9	8	8	8	8	8	8	6	6	6	6	5	5	5	6	6	6	6
PV8N_50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23
1-PPA - 300 MW PV_24	-	-	-	57	57	58	58	58	58	57	53	53	53	51	49	45	45	46	46	37	34	33	33	32	33	33	34	34	-	-
1-PPA - 300 MW PV_42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33	33	32	33	33	34	34	35	35
PV2N_50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
1-PPA - 300 MW PV_44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	33	33	34	34	35	35
PPA.placeholder.renewable.PV Total	-	-	-	57	57	58	58	58	58	71	146	146	146	144	138	132	132	147	145	119	110	144	147	175	187	198	246	263	257	286
placeholder Total	-	-	-	252	252	253	253	253	253	314	709	793	793	777	918	881	886	965	954	864	828	977	980	1,462	1,520	1,530	1,710	1,773	1,717	1,850