

Meeting a New Peak Demand

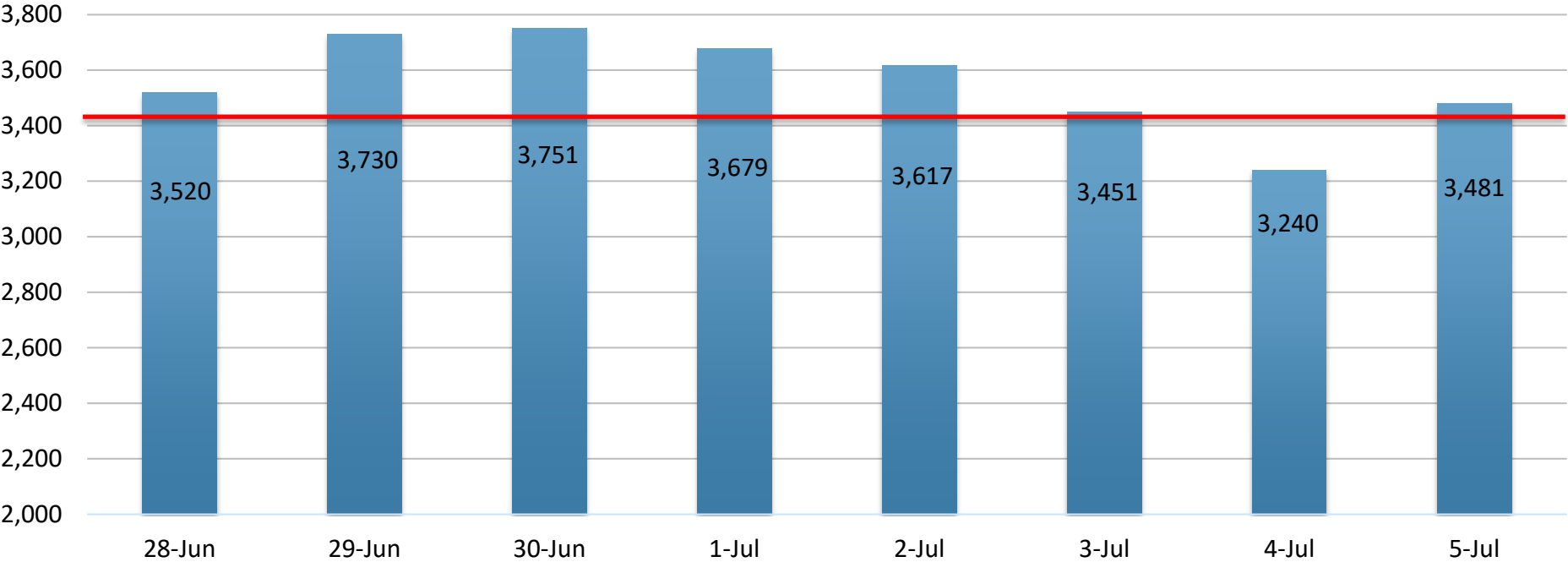
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System Planning





Late June 2021 System Peak Trend

Daily System Peak Demand (MW)



Note: Net effects of weather variations are offset by the fixed cost adjustment for residential & small commercial customers and the company portion of the benefits and costs of the power cost adjustment mechanism.

***June and July 2021 peak MWs estimated & subject to change. Please refer to Idaho Power's website for additional information and updates related to its system load data.**

Idaho Power System Load



Mountain Prevailing Time

Month	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
20-Jun-21	2,591	2,688	2,766	2,832	2,905	2,973	2,995	2,987	2,919	2,799	2,641	2,420
21-Jun-21	2,910	3,026	3,148	3,242	3,346	3,390	3,419	3,418	3,334	3,184	2,992	2,751
22-Jun-21	3,171	3,314	3,422	3,491	3,501	3,525	3,477	3,281	2,962	2,860	2,714	2,521
23-Jun-21	2,962	3,061	3,171	3,245	3,320	3,379	3,380	3,240	3,090	2,985	2,820	2,599
24-Jun-21	2,930	3,051	3,147	3,223	3,272	3,302	3,305	3,304	3,225	3,087	2,915	2,664
25-Jun-21	2,957	3,068	3,141	3,181	3,214	3,223	3,236	3,223	3,133	3,014	2,865	2,675
26-Jun-21	2,919	3,022	3,116	3,184	3,242	3,276	3,299	3,311	3,226	3,074	2,932	2,735
27-Jun-21	2,940	3,037	3,135	3,219	3,282	3,341	3,365	3,339	3,260	3,120	2,961	2,725
28-Jun-21	3,261	3,365	3,473	3,515	3,376	3,334	3,331	3,357	3,388	3,349	3,209	2,965
29-Jun-21	3,335	3,470	3,571	3,655	3,669	3,699	3,724	3,691	3,602	3,467	3,303	3,057
30-Jun-21	3,392	3,512	3,616	3,695	3,716	3,739	3,751	3,715	3,620	3,468	3,279	3,031

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What Kind of Event Was June 30th?



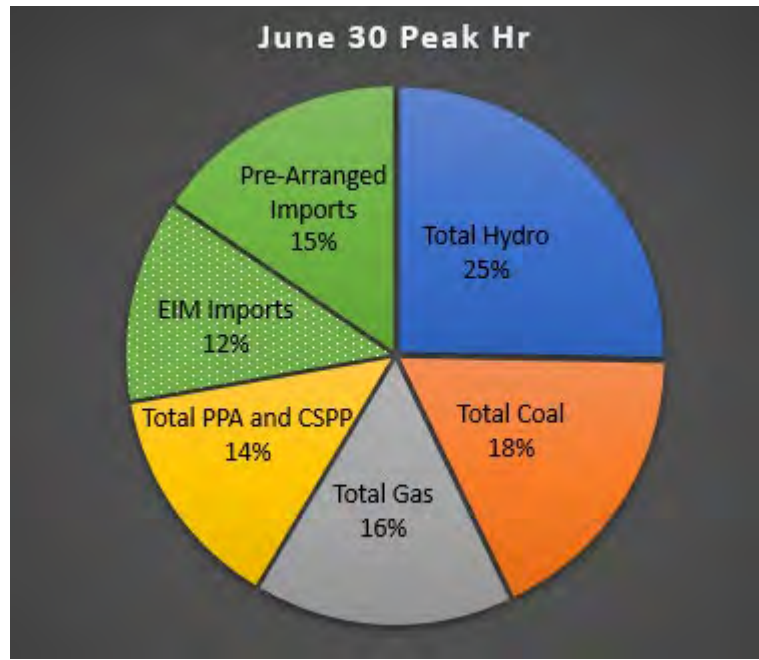
June 30th was a 97.8% weather event (1 in 45 years)

Load forecast model predicted June peak load within ~99% accuracy at that temperature

Good Test of Load Model!



Resource Breakdown



	Forecast June 2021 95% Peak*	Actual June 30 Peak Hr
Load and Resource Detail		
Obligations		
System Peak Load	3725	3751
Demand Response	-50	0
Total Peak Obligation	3675	3751
Resources		
Brownlee & Oxbow Generation	601	449
Hells Canyon Generation	300	246
Upper Snake Generation	304	245
Total Hydro	1205	940
Bridger	708	519
Valmy	134	135
Boardman	0	0
Total Coal	842	654
Langley Gulch	276	264
Bennett Mountain and Danskin	383	318
Total Gas	659	582
Hydro, Biomass, Cogeneration Projects	134	124
Solar Projects	160	235
Wind Projects	103	134
Total CSPP	397	493
Total PPA Resources	55	15
Total Resources Deployed	3157	2684
Imports		
EIM Imports		457
Imports via Firm Transmission		350
Imports via Non-Firm Transmission		225
Total Imports	518	1032

*Load and resource forecasts from spring 2021. Forecasts are for 95% monthly peak load and low water conditions.