

# SYSTEM BRIEF

## DAILY SUMMARY

DAY	DATE	<u>MaxTemp</u>	<u>NEL (MWH)</u>	MAXIMUM	<u>Hr Ending</u>	MINIMUM	<u>Hr Ending</u>	* ANNUAL LOAD FACTOR	(PEAK HOURS 7:00 AM TO 10:00 PM MON-SAT)			
		Civic	TOTAL		@Max		@Min		<u>ENERGY (MWH)</u>		<u>INCREMENTAL COST</u>	
									ON PEAK	OFF PEAK	ON PEAK	OFF PEAK
Fri	6/1/2018	75	66,753	3,231	5:00 PM	2,185	4:00 AM	43.2%	47,536	19,217	30.2	27.8
Sat	6/2/2018	80	64,948	3,210	6:00 PM	2,156	8:00 AM	42.1%	45,537	19,410	17.3	16.4
Sun	6/3/2018	79	66,074	3,522	7:00 PM	2,101	8:00 AM	42.8%	-	66,074	-	15.4
Mon	6/4/2018	77	72,727	3,767	5:00 PM	2,244	4:00 AM	47.1%	52,922	19,805	29.7	29.1
Tue	6/5/2018	72	69,468	3,403	6:00 PM	2,284	4:00 AM	45.0%	49,435	20,033	30.5	29.0
Wed	6/6/2018	74	67,740	3,242	6:00 PM	2,272	4:00 AM	43.9%	48,137	19,603	31.6	29.8
Thu	6/7/2018	77	68,467	3,381	6:00 PM	2,230	5:00 AM	44.4%	48,891	19,576	29.5	27.6
Fri	6/8/2018	81	72,872	3,779	5:00 PM	2,253	4:00 AM	47.2%	52,773	20,099	33.1	29.8
Sat	6/9/2018	82	69,028	3,476	6:00 PM	2,246	7:00 AM	44.7%	48,848	20,181	21.5	28.6
Sun	6/10/2018	80	65,432	3,348	6:00 PM	2,098	7:00 AM	42.4%	-	65,432	-	13.5
Mon	6/11/2018	81	76,805	4,090	5:00 PM	2,290	4:00 AM	49.8%	56,327	20,478	33.4	28.5
Tue	6/12/2018	84	78,433	4,273	5:00 PM	2,302	4:00 AM	50.8%	57,719	20,714	32.9	30.2
Wed	6/13/2018	80	79,279	4,252	6:00 PM	2,366	4:00 AM	51.4%	58,015	21,264	33.2	30.3
Thu	6/14/2018	87	77,297	4,294	6:00 PM	2,329	4:00 AM	50.1%	56,506	20,791	26.3	27.2
Fri	6/15/2018	81	73,114	3,792	5:00 PM	2,296	5:00 AM	47.4%	52,797	20,317	25.0	28.4
Sat	6/16/2018	75	60,753	2,843	9:00 PM	2,215	5:00 AM	39.4%	41,576	19,177	28.8	27.6
Sun	6/17/2018	70	56,057	2,797	9:00 PM	2,029	7:00 AM	36.3%	-	56,057	-	15.8
Mon	6/18/2018	-	-	-	-	-	-	0.0%	-	-	-	-
Tue	6/19/2018	-	-	-	-	-	-	0.0%	-	-	-	-
Wed	6/20/2018	-	-	-	-	-	-	0.0%	-	-	-	-
Thu	6/21/2018	-	-	-	-	-	-	0.0%	-	-	-	-
Fri	6/22/2018	-	-	-	-	-	-	0.0%	-	-	-	-
Sat	6/23/2018	-	-	-	-	-	-	0.0%	-	-	-	-
Sun	6/24/2018	-	-	-	-	-	-	0.0%	-	-	-	-
Mon	6/25/2018	-	-	-	-	-	-	0.0%	-	-	-	-
Tue	6/26/2018	-	-	-	-	-	-	0.0%	-	-	-	-
Wed	6/27/2018	-	-	-	-	-	-	0.0%	-	-	-	-
Thu	6/28/2018	-	-	-	-	-	-	0.0%	-	-	-	-
Fri	6/29/2018	-	-	-	-	-	-	0.0%	-	-	-	-
Sat	6/30/2018	-	-	-	-	-	-	0.0%	-	-	-	-

## MONTHLY SUMMARY (TO DATE)

DATE	<u>NEL(MWH)</u>	<u>NEL (MWH)</u>				<u>ENERGY (GWH)</u>		<u>INCREMENTAL COST</u>	
	TOTAL	MAXIMUM	HE@Max	MINIMUM	HE@Min	ON PEAK	OFF PEAK	ON PEAK	OFF PEAK
Jun-18	1,185,247	4,294	6:00 PM	2,029	7:00 AM	717	468	28.78	22.80
	<b>Max for Last 12 mths</b>	<b>Max Occurred On</b>		<b>Min Occurred On</b>					
	6,432	Thu 6/14/2018		Sun 6/17/2018					
	<u>NEL(MWH)</u>	77,297	<u>NEL(MWH)</u>	56,057	<u>NEL(MWH)</u>				
						<u>SYSTEM PRODUCTION COSTS</u>			
						<u>HIGH PEAK</u>	<u>LOW PEAK</u>	<u>BASE</u>	

HE= Hour Ending

\* Annual Load Factor Formula Used: (Daily kWh)/(max (MW for last 12 months)\*24 hrs)

32.13      31.60      23.97

## DAILY ENERGY PRODUCTION

NET ENERGY FOR LOAD

### MONTHLY (MWh)

Month	Actual FYE2017	Actual FYE2018	Change vs. Last Year	2017 Forecast FYE2018*	Above or Below the Forecast
Jul	2,638,651	2,724,013	3.2%	2,531,432	7.6%
Aug	2,603,932	2,681,317	3.0%	2,586,304	3.7%
Sep	2,362,339	2,417,069	2.3%	2,489,360	-2.9%
Oct	2,137,883	2,272,181	6.3%	2,253,375	0.8%
Nov	2,054,430	1,922,392	-6.4%	1,957,456	-1.8%
Dec	2,100,977	2,025,561	-3.6%	2,029,500	-0.2%
Jan	2,122,542	2,029,289	-4.4%	2,004,542	1.2%
Feb	1,873,996	1,835,936	-2.0%	1,818,423	1.0%
Mar	2,089,063	1,968,231	-5.8%	2,046,309	-3.8%
Apr	1,994,640	1,878,360	-5.8%	1,973,652	-4.8%
May	2,143,463	1,980,418	-7.6%	2,077,713	-4.7%
Jun	2,333,374			2,246,312	
FYTM	24,121,916	23,734,767	-1.6%	23,768,066	-0.1%
Total	26,455,290			26,014,378	

\*Figures are from the preliminary 2017 Forecast

### DAILY (MWh)

Week of: June 11, 2018

Day	Date	Actual	Forecast	Above the Forecast	% Diff.	Avg of Previous 4 Weeks
Mon	11-Jun-18	76,805	75,833	972	1.3%	64,757
Tue	12-Jun-18	78,433	78,090	344	0.4%	66,082
Wed	13-Jun-18	79,279	78,090	1,190	1.5%	65,656
Thu	14-Jun-18	77,297	78,090	-793	-1.0%	66,055
Fri	15-Jun-18	73,114	77,884	-4,770	-6.1%	66,752
Sat	16-Jun-18	60,753	68,498	-7,745	-11.3%	62,336
Sun	17-Jun-18	56,057	68,498	-12,441	-18.2%	61,056
Weekly Total		501,738	524,982	-23,244	-4.4%	-6.8%

### HOURLY (MW)

Day	Hi Temp	Norm Hi Temp*	Max	Hour	Min	Hour
Mon	81°	78°	4,090	5:00 PM	2,290	4:00 AM
Tue	84°	78°	4,273	5:00 PM	2,302	4:00 AM
Wed	80°	78°	4,252	6:00 PM	2,366	4:00 AM
Thu	87°	78°	4,294	6:00 PM	2,329	4:00 AM
Fri	81°	79°	3,792	5:00 PM	2,296	5:00 AM
Sat	75°	79°	2,843	9:00 PM	2,215	5:00 AM
Sun	70°	79°	2,797	9:00 PM	2,029	7:00 AM

High temperature as measured at the L.A. Civic Center.

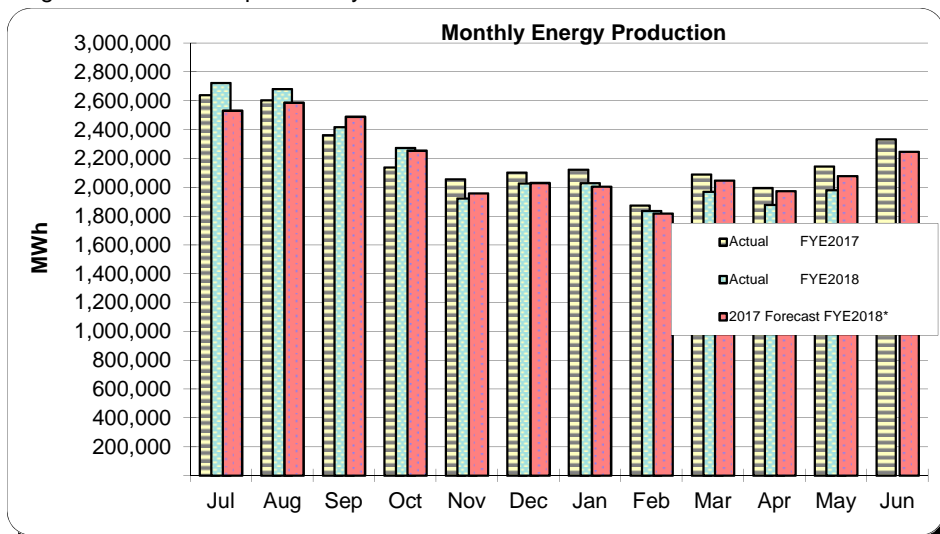
\* Data obtained from the Weather Bureau

### PEAK DEMAND NEL (MW)

	MW	Date	Day	Hour	MWH	Max Temp
2017	6,432	8/31/2017	Thu	5:00 PM	117,060	102
Forecast	5,761	8/24/2017	Thu	4:00 PM	N/A	N/A

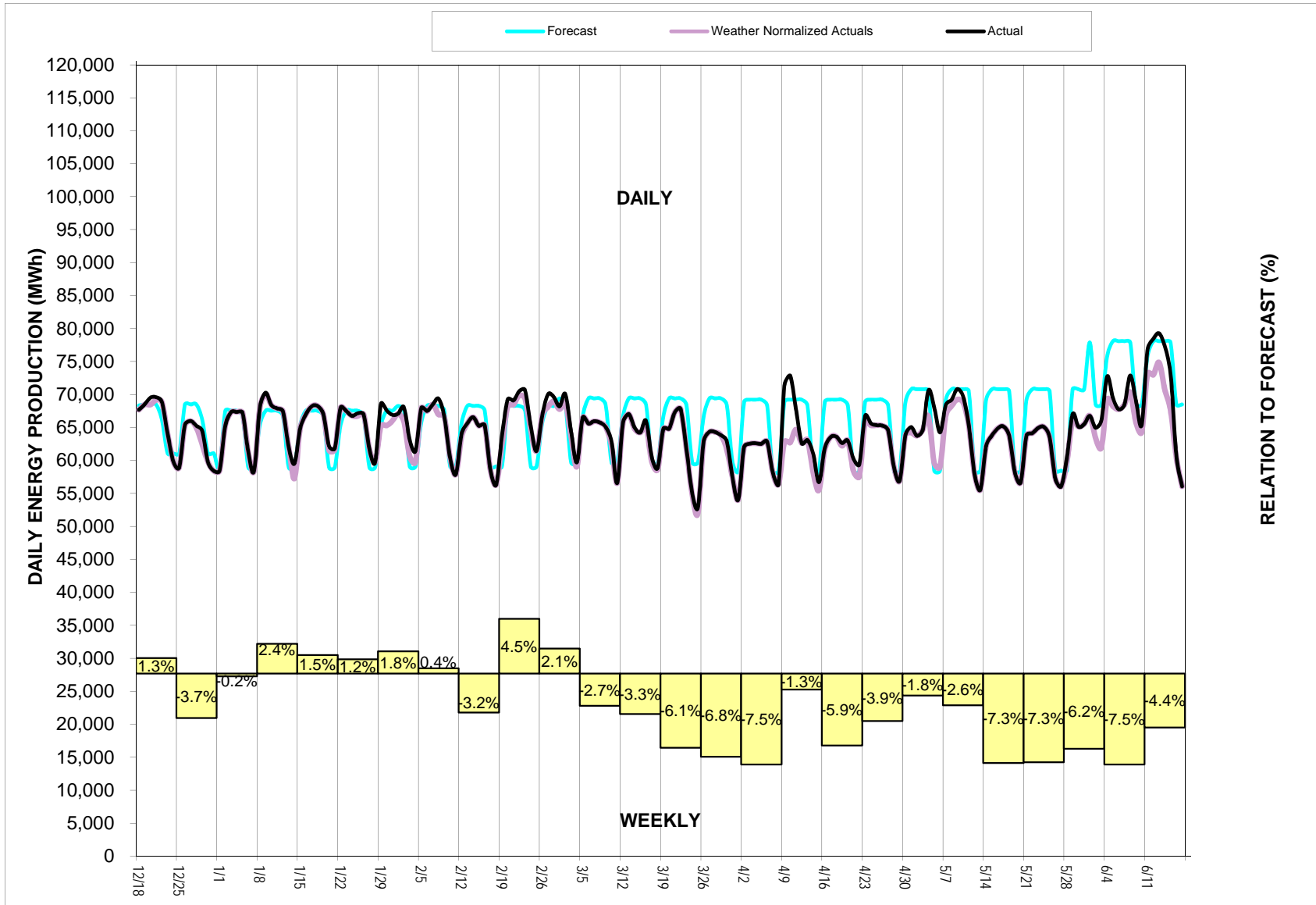
	MW	Date	Day	Hour	MWH	Max Temp
All-time	6,432	8/31/2017	Thu	5:00 PM	117,060	102

Max Temp is measured at the Civic Center.



DAILY ENERGY PRODUCTION

NET ENERGY FOR LOAD



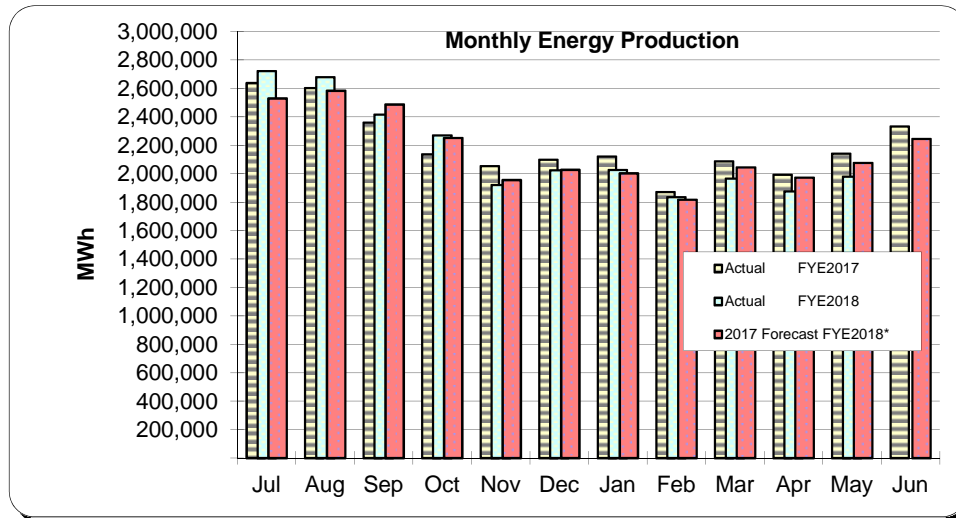
## ENERGY PRODUCTION COMPARISON

NET ENERGY FOR LOAD

### MONTHLY (MWh)

Month	Actual FYE2017	Actual FYE2018	Change vs. Last Year	2017 Forecast FYE2018*	Above or Below the Forecast
Jul	2,638,651	2,724,013	3.2%	2,531,432	7.6%
Aug	2,603,932	2,681,317	3.0%	2,586,304	3.7%
Sep	2,362,339	2,417,069	2.3%	2,489,360	-2.9%
Oct	2,137,883	2,272,181	6.3%	2,253,375	0.8%
Nov	2,054,430	1,922,392	-6.4%	1,957,456	-1.8%
Dec	2,100,977	2,025,561	-3.6%	2,029,500	-0.2%
Jan	2,122,542	2,029,289	-4.4%	2,004,542	1.2%
Feb	1,873,996	1,835,936	-2.0%	1,818,423	1.0%
Mar	2,089,063	1,968,231	-5.8%	2,046,309	-3.8%
Apr	1,994,640	1,878,360	-5.8%	1,973,652	-4.8%
May	2,143,463	1,980,418	-7.6%	2,077,713	-4.7%
Jun	2,333,374			2,246,312	
FYTM	24,121,916	23,734,767	-1.6%	23,768,066	-0.1%
Total	26,455,290			26,014,378	

\* Figures are from the preliminary 2017 Forecast



### DAILY SUMMARY (MWh)

Week of: June 11, 2018

Day	Date	FYE 2018 Actual (MWh)	FYE 2018 vs. FYE 2017 Avg	FYE2018 vs. FYE2016 Avg	FYE2018 vs. FYE2015 Avg
Mon	11-Jun-18	76,805	-4.1%	3.6%	-3.2%
Tue	12-Jun-18	78,433	-5.5%	1.7%	-4.1%
Wed	13-Jun-18	79,279	-5.4%	-1.5%	-4.0%
Thu	14-Jun-18	77,297	-5.7%	-5.2%	-4.1%
Fri	15-Jun-18	73,114	-7.9%	-8.2%	-4.9%
Sat	16-Jun-18	60,753	-8.9%	-9.6%	-5.8%
Sun	17-Jun-18	56,057	-9.2%	-10.0%	-5.9%

### DAILY SUMMARY (MW)

Day	Date	Hi Temp	Normal Hi Temp*	Max MW	Min MW
Mon	11-Jun-18	81°	78°	4,090	2,290
Tue	12-Jun-18	84°	78°	4,273	2,302
Wed	13-Jun-18	80°	78°	4,252	2,366
Thu	14-Jun-18	87°	78°	4,294	2,329
Fri	15-Jun-18	81°	79°	3,792	2,296
Sat	16-Jun-18	75°	79°	2,843	2,215
Sun	17-Jun-18	70°	79°	2,797	2,029

The temperature is measured at the L.A. Civic Center.

\* Data obtained from the Weather Bureau

### ANNUAL PEAK DEMAND (MW)

Year	NEL	NPL	Date	Day
2008	6,006	6,053	6/20/2008	Fri
2009	5,709	5,793	9/3/2009	Thu
2010	6,142	6,177	9/27/2010	Mon
2011	5,907	5,938	9/7/2011	Wed
2012	5,782	5,827	8/29/2012	Wed
2013	5,862	5,906	9/5/2013	Thu
2014	6,343	6,396	9/16/2014	Tue
2015	6,234	6,282	9/9/2015	Wed
2016	6,052	6,220	6/20/2016	Mon
2017	6,432	6,502	8/31/2017	Thu

The all-time high for a daily peak occurred on Thursday August 31, 2017 with 6,432 MW.

The energy was 117,060 MWh.

The temperature was 102° at the Civic Center.

ENERGY PRODUCTION COMPARISON

NET ENERGY FOR LOAD

