

# EXHIBIT 3

**Local Resource Adequacy Need  
Based on Scoping Memo Assumptions**

<b>Capacity Resource Accounting</b>										Source
<b>Peak Load Calculations (MW):</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	
Forecast Peak-Hour 1-in-2	4658	4738	4797	4856	4911	4973	5032	5094	5157	ED Line 1
Forecast Peak-Hour 1-in-10	5124	5212	5277	5341	5402	5470	5535	5603	5673	10% increase of 1 in 2
Transmission Capability (-)	2500	3500	3500	3500	3500	3500	3500	3500	3500	
Generation Contingency (+)	604	604	604	604	604	604	604	604	604	Otay Mesa
<b>Local Resource Need</b>	<b>3228</b>	<b>2316</b>	<b>2381</b>	<b>2445</b>	<b>2506</b>	<b>2574</b>	<b>2639</b>	<b>2707</b>	<b>2777</b>	
<b>Existing Local Supply Resources</b>										ED Line 8 - Mexico Plants
El Cajon Energy Facility	42	42	42	42	42	42	42	42	42	
Miramar Energy Facility I	47	47	47	47	47	47	47	47	47	
Miramar Energy Facility II	48	48	48	48	48	48	48	48	48	
Palomar Energy Center	565	565	565	565	565	565	565	565	565	
Orange Grove	100	100	100	100	100	100	100	100	100	
Otay Mesa	604	604	604	604	604	604	604	604	604	
Wellhead El Cajon	48	48	48	48	48	48	48	48	48	
Larkspur	92	92	92	92	92	92	92	92	92	
Cabrillo II	188	188	188	188	188	188	188	188	188	
Cal Peak Escondido	46	46	46	46	46	46	46	46	46	
Cal Peak Border	44	44	44	44	44	44	44	44	44	
Wellhead CV	36	36	36	36	36	36	36	36	36	
Well head Esc	36	36	36	36	36	36	36	36	36	
<b>Existing OTC</b>	<b>1271</b>	<b>1271</b>	<b>1271</b>	<b>1271</b>	<b>1271</b>	<b>1271</b>	<b>1271</b>	<b>1271</b>	<b>1271</b>	ED Line 7
Encina	960	960	960	960	960	960	960	960	960	
South Bay	311	311	311	311	311	311	311	311	311	
<b>Small Hydro</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	ED Line 5
<b>Existing CHP</b>	<b>136</b>	<b>136</b>	<b>136</b>	<b>136</b>	<b>136</b>	<b>136</b>	<b>136</b>	<b>136</b>	<b>136</b>	ED Line 6
<b>Local Renewable Energy</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>	ED Line 4
<b>Capacity Balance Summary</b>										
<b>Total Existing Capacity</b>	<b>3326</b>	<b>3326</b>	<b>3326</b>	<b>3326</b>	<b>3326</b>	<b>3326</b>	<b>3326</b>	<b>3326</b>	<b>3326</b>	
OTC Retirement	311	311	311	311	311	1271	1271	1271	1271	ED Line 10
Other Retirements	0	0	0	0	0	0	0	0	0	
<b>Net Local Capacity</b>	<b>3015</b>	<b>3015</b>	<b>3015</b>	<b>3015</b>	<b>3015</b>	<b>2055</b>	<b>2055</b>	<b>2055</b>	<b>2055</b>	
<b>Local Requirement</b>	<b>3228</b>	<b>2316</b>	<b>2381</b>	<b>2445</b>	<b>2506</b>	<b>2574</b>	<b>2639</b>	<b>2707</b>	<b>2777</b>	
<b>Capacity (Need) or Surplus</b>	<b>-213</b>	<b>699</b>	<b>634</b>	<b>570</b>	<b>509</b>	<b>-519</b>	<b>-584</b>	<b>-652</b>	<b>-722</b>	
<b>Proposed Resources</b>										
Known High Probability Adds	55	55	55	55	55	55	55	55	55	ED line 12
RPS in service area	0	34	68	68	68	68	68	68	68	75Mw RAM at 90% RA
Additional Supply CHP	6	8	11	14	17	20	22	25	28	ED line 24
Additional Demand Side CHP	13	19	25	32	39	45	51	57	64	ED line 25 grossed up to be 1 in 10 impacts
Uncommitted EE	4	73	133	197	272	353	438	518	598	ED line 23 grossed up to be 1 in 10 impacts
Demand Response	226	270	277	285	289	293	298	302	302	ED line 24
<b>Total Assumed Additions</b>	<b>305</b>	<b>458</b>	<b>569</b>	<b>650</b>	<b>739</b>	<b>834</b>	<b>931</b>	<b>1025</b>	<b>1115</b>	
<b>Capacity (Need) or Surplus</b>	<b>92</b>	<b>1157</b>	<b>1203</b>	<b>1220</b>	<b>1248</b>	<b>315</b>	<b>347</b>	<b>373</b>	<b>393</b>	
<b>SDG&amp;E Modifications</b>										
Cabrillo II Retirement			188	188	188	188	188	188	188	
Celerity	15	15	15	15	15	15	15	15	15	
<b>Net</b>	<b>77</b>	<b>1142</b>	<b>1000</b>	<b>1017</b>	<b>1045</b>	<b>112</b>	<b>144</b>	<b>170</b>	<b>190</b>	

Summary table for Testimony

<b>Peak Load Calculations (MW):</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
Forecast Peak-Hour 1-in-2	4658	4738	4797	4856	4911	4973	5032	5094	5157
Forecast Peak-Hour 1-in-10	5124	5212	5277	5341	5402	5470	5535	5603	5673
Transmission Capability (-)	2500	3500	3500	3500	3500	3500	3500	3500	3500
Generation Contingency (+)	604	604	604	604	604	604	604	604	604
<b>Local Resource Need</b>	<b>3228</b>	<b>2316</b>	<b>2381</b>	<b>2445</b>	<b>2506</b>	<b>2574</b>	<b>2639</b>	<b>2707</b>	<b>2777</b>
<b>Existing Local Supply Resources</b>									
Existing OTC	1894	1894	1894	1894	1894	1894	1894	1894	1894
Existing OTC	1271	1271	1271	1271	1271	1271	1271	1271	1271
Small Hydro	4	4	4	4	4	4	4	4	4
Existing CHP	136	136	136	136	136	136	136	136	136
Local Renewable Energy	21	21	21	21	21	21	21	21	21
<b>Total Existing Capacity</b>	<b>3326</b>	<b>3326</b>	<b>3326</b>	<b>3326</b>	<b>3326</b>	<b>3326</b>	<b>3326</b>	<b>3326</b>	<b>3326</b>
OTC Retirement	311	311	311	311	311	1271	1271	1271	1271
Other Retirements	0	0	0	0	0	0	0	0	0
<b>Net Local Capacity</b>	<b>3015</b>	<b>3015</b>	<b>3015</b>	<b>3015</b>	<b>3015</b>	<b>2055</b>	<b>2055</b>	<b>2055</b>	<b>2055</b>
<b>Capacity (Need) or Surplus</b>	<b>-213</b>	<b>699</b>	<b>634</b>	<b>570</b>	<b>509</b>	<b>-519</b>	<b>-584</b>	<b>-652</b>	<b>-722</b>
<b>Proposed Resources</b>									
Known High Probability Adds	55	55	55	55	55	55	55	55	55
RPS in service area	0	34	68	68	68	68	68	68	68
Additional Supply CHP	6	8	11	14	17	20	22	25	28
Additional Demand Side CHP	13	19	25	32	39	45	51	57	64
Uncommitted EE	4	73	133	197	272	353	438	518	598
Demand Response	226	270	277	285	289	293	298	302	302
<b>Total Assumed Additions</b>	<b>305</b>	<b>458</b>	<b>569</b>	<b>650</b>	<b>739</b>	<b>834</b>	<b>931</b>	<b>1025</b>	<b>1115</b>
<b>Capacity (Need) or Surplus</b>	<b>92</b>	<b>1157</b>	<b>1203</b>	<b>1220</b>	<b>1248</b>	<b>315</b>	<b>347</b>	<b>373</b>	<b>393</b>