

Substation Capacity and Peak Demand Data

Ultimate Buildout												
CAPACITY (amperes)	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Chatham	633	633	633	633	633	633	633	633	633	633	633	633
Liberty	4055	5615	5615	6238	6238	6238	6238	6238	6238	6238	6238	6238
Oak Grove	4120	4120	5049	5049	5049	5049	5049	5049	5049	5049	5049	5049
Rector	3250	3250	3250	4650	4650	4650	4650	4650	4650	4650	4650	4650
Visalia	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Total Capacity (amperes)	15058	16618	17547	19570	19570	19570	19570	19570	19570	19570	19570	19570
MVA (amperes converted to transformer ratings)	327	361	381	425	425	425	425	425	425	425	425	425

PEAK DEMAND											
CAPACITY (amperes)	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
Chatham	528	516	528	528	585	618	593	590	590	570	
Liberty	2380	2260	2458	2440	2418	2421	3240	3533	3825	3887	
Oak Grove	3810	3270	3540	3750	3715	3473	3144	3406	3935	3841	
Rector	2632	2590	2887	3029	2858	2805	2720	3229	3252	3247	
Visalia	2620	2400	2460	2520	2372	2305	2256	2860	2867	2932	
Total Capacity (amperes)	11970	11036	11873	12267	11948	11622	11953	13618	14469	14477	
MVA (amperes converted to transformer ratings)	260	240	258	267	260	253	260	296	315	315	

PEAK DEMAND										
CAPACITY (amperes)	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Chatham	593	593	533	573	513	553	593	433	473	513
Liberty	4871	5617	5688	5638	5588	5538	5488	5638	5688	5688
Oak Grove	4587	4587	4237	4362	4362	4512	4312	4412	4472	4582
Rector	2932	3136	3040	3190	3340	3240	3340	3440	3520	3600
Visalia	2735	2735	2735	2535	2485	2485	2485	2585	2645	2705
Riverway	0	0	1375	2100	2850	3400	3850	4100	4150	4200
Total Capacity (amperes)	15718	16668	17608	18398	19138	19728	20068	20608	20948	21288
MVA (amperes converted to transformer ratings)	342	362	383	400	417	429	437	448	456	463

PeakDemand1-IN-10												
CAPACITY (amperes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	
Chatham	627	629	629	565	607	544	586	629	459	501	544	
Liberty	4276	5339	6156	6234	6179	6124	6070	6015	6179	6234	6234	
Oak Grove	4225	5027	5028	4644	4781	4781	4946	4726	4836	4902	5022	
Rector	3572	3213	3437	3332	3497	3661	3552	3661	3771	3858	3946	
Visalia	3225	2998	2998	2998	2778	2724	2724	2724	2833	2899	2965	
Riverway	0	0	0	1375	2302	3124	3726	4220	4494	4548	4603	
Total Capacity (amperes)	15925	17206	18248	19148	20144	20958	21604	21975	22572	22942	23314	
MVA (amperes converted to transformer ratings)	346	374	397	417	438	456	470	478	491	499	507	

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2009	2010	2011	2012	2013	2014	2015
Peak Demand (MVA)	240	258	267	260	253	260	296	315	315	342	362	400	417	429	437	448	456	463
Capacity								327	361	381	425	425	425	425	425	425	425	425
Peak Demand (MVA) 1-IN-10									346	374	397	438	456	470	478	491	499	507