

# Exhibit A. Monthly Energy and Capacity Need

## Monthly Energy Need and Peak Deficit

The following table depicts the Company's monthly energy and capacity needs for twenty years. These values are based on PSE's May 2007 Integrated Resource Plan.

PSE represents its "average energy (aMW)" need as its most energy deficit month, generally occurring during the coldest winter month. Average energy is monthly generation (MWh) divided by the hours in the month. PSE's need is the difference between the average load and average generation in the month. In 2008, PSE's most energy deficit month is expected to be January, with a shortfall of 412 average megawatts. This shortfall is expected to grow to more than 1,300 average megawatts by winter 2014/15.

PSE's electric peak capacity is the amount of power required to meet the Company's highest demand hour of the year at 13 degrees Fahrenheit. The Company's *peak deficit*, as shown below, is the difference between the forecasted load during the highest demand hour of the year less the peak capacity of existing resources – generation, transmission and contracts.

When considered together, PSE's energy and capacity need cannot necessarily be viewed as additive. As PSE acquires long-term resources, the characteristics of the resource will determine whether its contribution is to energy and/or to capacity. Therefore, PSE's energy and capacity need may be met in part by a resource that has both an energy and capacity component, which would reduce not only energy need, but also capacity need.

**Table A-1. 20-Year Monthly Projections of Energy and Capacity Need**

Year	Energy Need (aMW)												13°F Peak Deficit (MW)
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
2008	412	327	233	24	158	-	-	-	98	206	242	266	0
2009	222	194	148	80	104	-	-	-	-	111	147	165	0
2010	288	175	187	-	-	-	-	-	86	131	304	219	27
2011	411	293	303	156	112	-	-	-	222	282	517	450	376
2012	946	770	851	718	432	521	464	603	803	856	1,014	1,034	967
2013	1,137	1,013	961	902	612	549	607	741	944	999	1,160	1,188	1,037
2014	1,302	1,172	1,123	939	642	579	639	764	981	1,036	1,203	1,221	1,117
2015	1,342	1,207	1,161	975	666	611	669	792	1,012	1,069	1,242	1,258	1,195
2016	1,378	1,187	1,197	1,004	690	638	688	825	1,041	1,095	1,277	1,289	1,279
2017	1,412	1,268	1,230	1,030	715	661	710	851	1,065	1,123	1,400	1,408	1,371
2018	1,561	1,413	1,327	1,122	757	701	754	895	1,102	1,173	1,458	1,467	1,551
2019	1,628	1,474	1,384	1,178	805	745	808	943	1,150	1,227	1,518	1,535	1,658
2020	1,693	1,486	1,441	1,232	846	793	857	979	1,202	1,277	1,579	1,599	1,767
2021	1,759	1,594	1,501	1,286	889	839	903	1,026	1,252	1,326	1,638	1,669	1,881
2022	1,831	1,662	1,567	1,344	941	893	950	1,088	1,308	1,385	1,709	1,742	2,003
2023	1,909	1,733	1,637	1,404	997	950	1,008	1,151	1,366	1,450	1,785	1,820	2,131
2024	1,983	1,754	1,703	1,467	1,054	1,004	1,064	1,209	1,430	1,519	1,869	1,895	2,260
2025	2,069	1,880	1,777	1,537	1,111	1,060	1,136	1,262	1,485	1,585	1,938	1,975	2,389
2026	2,152	1,957	1,852	1,608	1,167	1,123	1,199	1,323	1,549	1,652	2,016	2,060	2,532
2027	2,235	2,035	1,929	1,678	1,224	1,184	1,260	1,386	1,615	1,717	2,094	2,142	2,666