

Estimated Cost to Supply 2018-2020 RPS Shortfall with REC Purchases

<u>Year</u>	<u>1 / RPS Load</u>	<u>RPS Target</u>	<u>RPS Target, GWh</u>	<u>2 / Existing Renewable</u>	<u>Existing % of Target</u>	<u>Surplus/ (Shortfall), GWh</u>	<u>3 / Est. REC Price, \$/MWh</u>
2011	21,391	0%	-	1,322		1,322	\$8.2
2012	22,018	3%	661	2,648	400.8%	1,987	\$8.5
2013	23,186	3%	696	2,739	393.8%	2,043	\$8.7
2014	23,216	3%	696	2,891	415.2%	2,195	\$9.0
2015	23,201	3%	696	2,956	424.7%	2,260	\$9.3
2016	23,229	9%	2,091	2,960	141.6%	869	\$9.6
2017	23,326	9%	2,099	2,347	111.8%	248	\$9.8
2018	23,435	9%	2,109	1,726	81.8%	-383	\$10.1
2019	23,521	9%	2,117	1,478	69.8%	-639	\$10.4
2020	23,644	15%	3,547	1,482	41.8%	<u>-2,065</u>	\$10.8
					2018-20 Shortfall:	-3,087	
					Est. Cost to Supply with REC Purchases:	\$32,747,657	

Notes: 1 / Source is PSE's response to Public Counsel Data Request No. 273.

2 / Existing renewable reflects banked plus current year generation.

3 / Estimated REC Price per Public Counsel Data Request No. 16, escalated at 3%/yr.