Generic Electric Resource Costs

	2017 IRP		
2018 \$/kW	EPC Cost	Owner's Costs + Interconnection	Total Costs
СССТ	\$1,020	\$358	\$1,378
Frame Peaker (Fuel Fuel)	\$526	\$172	\$698
Recip Engine (NG only)	\$1,030	\$312	\$1,341
WA Wind	\$1,548	\$656	\$2,204
MT Wind	\$1,471	\$1,312	\$2,783
Solar	\$1,497	\$874	\$2,371
Biomass	\$4,084	\$207	\$4,291
Offshore Wind	\$5,717	\$1,795	\$7,512
Li-Ion Battery 2-hr	\$1,313	\$342	\$1,655
Li-lon Battery 4-hr	\$2,116	\$552	\$2,668
Flow Battery 4-hr	\$1,870	\$674	\$2,544
Flow Battery 6-hr	\$2,447	\$882	\$3,329
Pumped Storage	\$2,503	\$127	\$2,630

2019 IRP				
EPC Cost	Owner's Costs + Interconnection	Total Costs		
\$898	\$269	\$1,167		
\$554	\$271	\$825		
\$842	\$350	\$1,192		
\$1,656	\$386	\$2,042		
\$1,633	\$1,111	\$2,744		
\$1,352	\$570	\$1,922		
\$7,036	\$2,659	\$9,695		
\$5,000	\$1,547	\$6,547		
\$1,331	\$599	\$1,930		
\$2,346	\$708	\$3,054		
\$1,493	\$618	\$2,111		
\$2,050	\$708	\$2,758		
\$1,800	\$879	\$2,679		

Change in costs from 2019 IRP to 2017 IRP				
EPC Cost	Owner's Costs + Interconnection	All in Costs		
(\$122)	(\$89)	(\$211)		
\$28	\$99	\$127		
(\$188)	\$38	(\$149)		
\$108	(\$270)	(\$162)		
\$162	(\$201)	(\$39)		
(\$145)	(\$304)	(\$449)		
\$2,952	\$2,452	\$5,404		
(\$717)	(\$248)	(\$965)		
\$18	\$257	\$275		
\$230	\$156	\$386		
(\$377)	(\$56)	(\$433)		
(\$397)	(\$174)	(\$571)		
(\$703)	\$752	\$49		