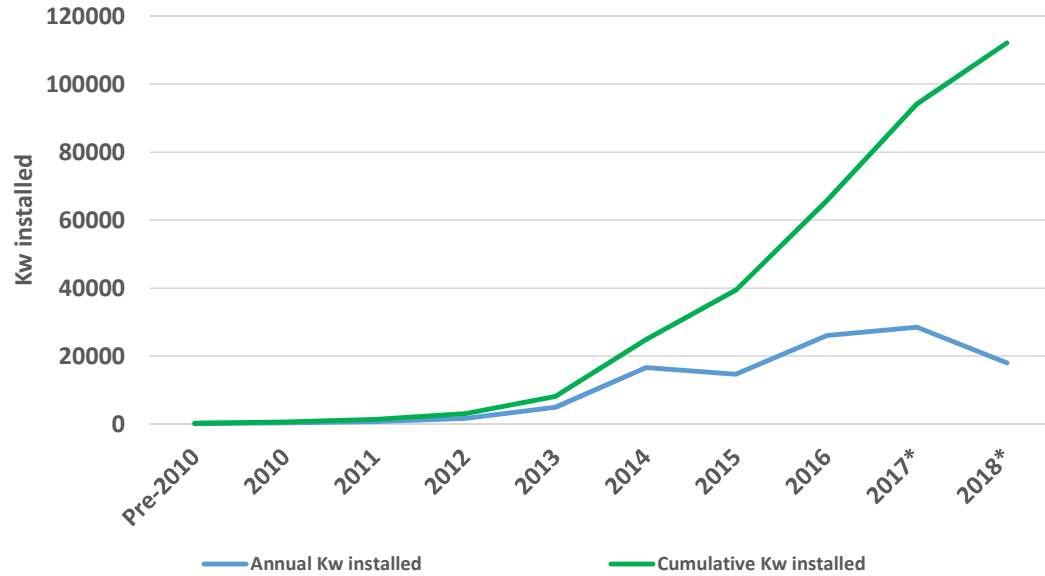
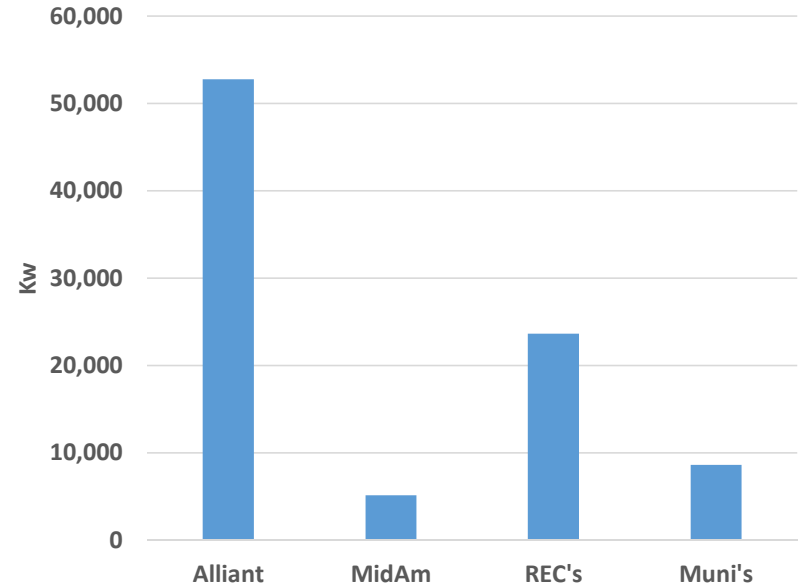


Iowa Solar installs by year



Iowa Solar installs by utility



Install breakdown by year

	#	Kw	Cum Kw	
Pre-2010	78	233	233	
2010	51	440	674	
2011	65	789	1463	
2012	204	1685	3149	
2013	502	5017	8165	
2014	865	16660	24825	
2015	668	14686	39511	
2016	848	26049	65561	
2017*	750	28544	94105	* estimated
2018*	600	18000	112105	* estimated
Total	4,631	112,105		

Install breakdown by Utility

	Kw
Alliant	60,758
MidAm	8,825
REC's	32,188
Muni's	10,270
Off-Grid	64
Total	112,105

* estimated