

***Cooling, Early Retirement***

**Table 403: Central Energy Savings (Cooling kWh) for 12.44 SEER Baseline—Zone 4**

14.5-14.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	375							
15,000-20,999	1,649	562						
21,000-26,999	2,924	1,836	749					
27,000-32,999	4,198	3,111	2,024	937				
33,000-38,999	5,472	4,385	3,298	2,211	1,124			
39,000-44,999	6,747	5,660	4,573	3,485	2,398	1,311		
45,000-53,999	8,021	6,934	5,847	4,760	3,673	2,586	1,498	
54,000-64,999	10,570	9,483	8,396	7,309	6,222	5,135	4,047	1,873
15.0-15.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	458							
15,000-20,999	1,733	687						
21,000-26,999	3,007	1,962	916					
27,000-32,999	4,282	3,236	2,191	1,146				
33,000-38,999	5,556	4,511	3,465	2,420	1,375			
39,000-44,999	6,831	5,785	4,740	3,695	2,649	1,604		
45,000-53,999	8,105	7,060	6,014	4,969	3,924	2,878	1,833	
54,000-64,999	10,654	9,609	8,563	7,518	6,473	5,427	4,382	2,291

16.0-16.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	608							
15,000-20,999	1,882	911						
21,000-26,999	3,156	2,186	1,215					
27,000-32,999	4,431	3,460	2,490	1,519				
33,000-38,999	5,705	4,735	3,764	2,793	1,823			
39,000-44,999	6,980	6,009	5,039	4,068	3,097	2,127		
45,000-53,999	8,254	7,284	6,313	5,342	4,372	3,401	2,430	
54,000-64,999	10,803	9,833	8,862	7,891	6,921	5,950	4,979	3,038
17.0-17.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	856							
15,000-20,999	2,130	1,283						
21,000-26,999	3,404	2,558	1,711					
27,000-32,999	4,679	3,832	2,986	2,139				
33,000-38,999	5,953	5,107	4,260	3,413	2,567			
39,000-44,999	7,228	6,381	5,534	4,688	3,841	2,994		
45,000-53,999	8,502	7,656	6,809	5,962	5,116	4,269	3,422	
54,000-64,999	11,051	10,205	9,358	8,511	7,664	6,818	5,971	4,278
18.0-20.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	945							
15,000-20,999	2,220	1,418						
21,000-26,999	3,494	2,692	1,890					
27,000-32,999	4,769	3,967	3,165	2,363				
33,000-38,999	6,043	5,241	4,439	3,637	2,835			
39,000-44,999	7,317	6,516	5,714	4,912	4,110	3,308		
45,000-53,999	8,592	7,790	6,988	6,186	5,384	4,582	3,781	
54,000-64,999	11,141	10,339	9,537	8,735	7,933	7,131	6,329	4,726

21.0-23.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	1,166							
15,000-20,999	2,441	1,749						
21,000-26,999	3,715	3,024	2,332					
27,000-32,999	4,990	4,298	3,607	2,916				
33,000-38,999	6,264	5,573	4,881	4,190	3,499			
39,000-44,999	7,539	6,847	6,156	5,464	4,773	4,082		
45,000-53,999	8,813	8,122	7,430	6,739	6,048	5,356	4,665	
54,000-64,999	11,362	10,671	9,979	9,288	8,597	7,905	7,214	5,831
24.0+ SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	1,334							
15,000-20,999	2,608	2,000						
21,000-26,999	3,882	3,275	2,667					
27,000-32,999	5,157	4,549	3,942	3,334				
33,000-38,999	6,431	5,824	5,216	4,608	4,001			
39,000-44,999	7,706	7,098	6,490	5,883	5,275	4,667		
45,000-53,999	8,980	8,373	7,765	7,157	6,550	5,942	5,334	
54,000-64,999	11,529	10,922	10,314	9,706	9,098	8,491	7,883	6,668

**Table 404: Central Energy Savings (Cooling kWh) for 10.0 SEER  
Early Retirement Baseline—Zone 4**

14.5-14.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	997							
15,000-20,999	2,582	1,495						
21,000-26,999	4,167	3,080	1,993					
27,000-32,999	5,753	4,666	3,579	2,491				
33,000-38,999	7,338	6,251	5,164	4,077	2,990			
39,000-44,999	8,924	7,837	6,749	5,662	4,575	3,488		
45,000-53,999	10,509	9,422	8,335	7,248	6,161	5,073	3,986	
54,000-64,999	13,680	12,593	11,506	10,419	9,331	8,244	7,157	4,983
15.0-15.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	1,080							
15,000-20,999	2,666	1,620						
21,000-26,999	4,251	3,206	2,160					
27,000-32,999	5,836	4,791	3,746	2,700				
33,000-38,999	7,422	6,377	5,331	4,286	3,241			
39,000-44,999	9,007	7,962	6,917	5,871	4,826	3,781		
45,000-53,999	10,593	9,547	8,502	7,457	6,411	5,366	4,321	
54,000-64,999	13,764	12,718	11,673	10,628	9,582	8,537	7,492	5,401

16.0-16.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	1,230							
15,000-20,999	2,815	1,844						
21,000-26,999	4,400	3,430	2,459					
27,000-32,999	5,986	5,015	4,044	3,074				
33,000-38,999	7,571	6,601	5,630	4,659	3,689			
39,000-44,999	9,157	8,186	7,215	6,245	5,274	4,303		
45,000-53,999	10,742	9,771	8,801	7,830	6,859	5,889	4,918	
54,000-64,999	13,913	12,942	11,972	11,001	10,030	9,060	8,089	6,148
17.0-17.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	1,477							
15,000-20,999	3,063	2,216						
21,000-26,999	4,648	3,802	2,955					
27,000-32,999	6,234	5,387	4,540	3,694				
33,000-38,999	7,819	6,972	6,126	5,279	4,432			
39,000-44,999	9,405	8,558	7,711	6,865	6,018	5,171		
45,000-53,999	10,990	10,143	9,297	8,450	7,603	6,757	5,910	
54,000-64,999	14,161	13,314	12,468	11,621	10,774	9,927	9,081	7,387
18.0-20.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	1,567							
15,000-20,999	3,153	2,351						
21,000-26,999	4,738	3,936	3,134					
27,000-32,999	6,323	5,521	4,720	3,918				
33,000-38,999	7,909	7,107	6,305	5,503	4,701			
39,000-44,999	9,494	8,692	7,890	7,089	6,287	5,485		
45,000-53,999	11,080	10,278	9,476	8,674	7,872	7,070	6,268	
54,000-64,999	14,250	13,449	12,647	11,845	11,043	10,241	9,439	7,835

21.0-23.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	1,788							
15,000-20,999	3,374	2,682						
21,000-26,999	4,959	4,268	3,576					
27,000-32,999	6,544	5,853	5,162	4,470				
33,000-38,999	8,130	7,439	6,747	6,056	5,364			
39,000-44,999	9,715	9,024	8,333	7,641	6,950	6,259		
45,000-53,999	11,301	10,609	9,918	9,227	8,535	7,844	7,153	
54,000-64,999	14,472	13,780	13,089	12,398	11,706	11,015	10,324	8,941
24.0+ SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	1,955							
15,000-20,999	3,541	2,933						
21,000-26,999	5,126	4,519	3,911					
27,000-32,999	6,712	6,104	5,496	4,889				
33,000-38,999	8,297	7,689	7,082	6,474	5,866			
39,000-44,999	9,883	9,275	8,667	8,060	7,452	6,844		
45,000-53,999	11,468	10,860	10,253	9,645	9,037	8,430	7,822	
54,000-64,999	14,639	14,031	13,424	12,816	12,208	11,600	10,993	9,777

**Heating, New Construction/Replace-on-Burnout**

**Table 405: Central Energy Savings (Heating kWh) for 8.2 HSPF Baseline—Zone 4**

8.5-8.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	34							
15,000-20,999	282	52						
21,000-26,999	529	299	69					
27,000-32,999	776	546	316	86				
33,000-38,999	1,024	794	563	333	103			
39,000-44,999	1,271	1,041	811	581	350	120		
45,000-53,999	1,518	1,288	1,058	828	598	368	137	
54,000-64,999	2,013	1,783	1,553	1,323	1,092	862	632	172
9.0-9.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	73							
15,000-20,999	321	110						
21,000-26,999	568	357	147					
27,000-32,999	815	605	394	183				
33,000-38,999	1,063	852	641	431	220			
39,000-44,999	1,310	1,099	889	678	467	257		
45,000-53,999	1,557	1,347	1,136	925	715	504	293	
54,000-64,999	2,052	1,841	1,631	1,420	1,209	999	788	367

9.5-9.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	94							
15,000-20,999	341	140						
21,000-26,999	588	388	187					
27,000-32,999	836	635	435	234				
33,000-38,999	1,083	882	682	481	281			
39,000-44,999	1,330	1,130	929	729	528	328		
45,000-53,999	1,578	1,377	1,177	976	776	575	374	
54,000-64,999	2,072	1,872	1,671	1,471	1,270	1,070	869	468
10.0-10.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	101							
15,000-20,999	349	152						
21,000-26,999	596	399	202					
27,000-32,999	843	647	450	253				
33,000-38,999	1,091	894	697	500	304			
39,000-44,999	1,338	1,141	944	748	551	354		
45,000-53,999	1,585	1,389	1,192	995	798	602	405	
54,000-64,999	2,080	1,883	1,686	1,490	1,293	1,096	900	506
10.5-10.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	109							
15,000-20,999	356	163						
21,000-26,999	603	410	217					
27,000-32,999	851	658	464	271				
33,000-38,999	1,098	905	712	519	326			
39,000-44,999	1,345	1,152	959	766	573	380		
45,000-53,999	1,593	1,400	1,206	1,013	820	627	434	
54,000-64,999	2,087	1,894	1,701	1,508	1,315	1,122	929	543

11.0-11.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	116							
15,000-20,999	363	173						
21,000-26,999	610	421	231					
27,000-32,999	858	668	479	289				
33,000-38,999	1,105	915	726	536	347			
39,000-44,999	1,352	1,163	973	784	594	405		
45,000-53,999	1,600	1,410	1,221	1,031	842	652	463	
54,000-64,999	2,094	1,905	1,715	1,526	1,336	1,147	957	578
11.5-11.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	122							
15,000-20,999	370	184						
21,000-26,999	617	431	245					
27,000-32,999	864	678	492	306				
33,000-38,999	1,112	926	740	553	367			
39,000-44,999	1,359	1,173	987	801	615	429		
45,000-53,999	1,606	1,420	1,234	1,048	862	676	490	
54,000-64,999	2,101	1,915	1,729	1,543	1,357	1,171	984	612
12.0+ HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	126							
15,000-20,999	374	190						
21,000-26,999	621	437	253					
27,000-32,999	868	684	500	316				
33,000-38,999	1,116	932	747	563	379			
39,000-44,999	1,363	1,179	995	811	627	442		
45,000-53,999	1,610	1,426	1,242	1,058	874	690	506	
54,000-64,999	2,105	1,921	1,737	1,553	1,369	1,184	1,000	632

Heating, Early Retirement of a Heat Pump

Table 406: Central Energy Savings (Heating kWh) for 7.7 HSPF Baseline—Zone 4

8.5-8.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	83							
15,000-20,999	355	125						
21,000-26,999	626	396	166					
27,000-32,999	898	668	438	208				
33,000-38,999	1,170	939	709	479	249			
39,000-44,999	1,441	1,211	981	751	521	291		
45,000-53,999	1,713	1,483	1,253	1,022	792	562	332	
54,000-64,999	2,256	2,026	1,796	1,566	1,336	1,106	875	415
9.0-9.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	122							
15,000-20,999	394	183						
21,000-26,999	665	455	244					
27,000-32,999	937	726	516	305				
33,000-38,999	1,209	998	787	577	366			
39,000-44,999	1,480	1,270	1,059	848	638	427		
45,000-53,999	1,752	1,541	1,331	1,120	909	699	488	
54,000-64,999	2,295	2,085	1,874	1,663	1,453	1,242	1,031	610

9.5-9.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	142							
15,000-20,999	414	213						
21,000-26,999	686	485	285					
27,000-32,999	957	757	556	356				
33,000-38,999	1,229	1,028	828	627	427			
39,000-44,999	1,501	1,300	1,100	899	698	498		
45,000-53,999	1,772	1,572	1,371	1,171	970	770	569	
54,000-64,999	2,316	2,115	1,915	1,714	1,513	1,313	1,112	711
10.0-10.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	150							
15,000-20,999	422	225						
21,000-26,999	693	496	300					
27,000-32,999	965	768	571	375				
33,000-38,999	1,237	1,040	843	646	450			
39,000-44,999	1,508	1,311	1,115	918	721	525		
45,000-53,999	1,780	1,583	1,386	1,190	993	796	600	
54,000-64,999	2,323	2,126	1,930	1,733	1,536	1,340	1,143	749
10.5-10.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	157							
15,000-20,999	429	236						
21,000-26,999	701	507	314					
27,000-32,999	972	779	586	393				
33,000-38,999	1,244	1,051	858	665	472			
39,000-44,999	1,516	1,322	1,129	936	743	550		
45,000-53,999	1,787	1,594	1,401	1,208	1,015	822	629	
54,000-64,999	2,331	2,137	1,944	1,751	1,558	1,365	1,172	786

11.0-11.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	164							
15,000-20,999	436	246						
21,000-26,999	708	518	329					
27,000-32,999	979	790	600	411				
33,000-38,999	1,251	1,061	872	682	493			
39,000-44,999	1,523	1,333	1,144	954	765	575		
45,000-53,999	1,794	1,605	1,415	1,226	1,036	847	657	
54,000-64,999	2,338	2,148	1,959	1,769	1,580	1,390	1,200	821
11.5-11.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	171							
15,000-20,999	443	257						
21,000-26,999	714	528	342					
27,000-32,999	986	800	614	428				
33,000-38,999	1,258	1,072	886	699	513			
39,000-44,999	1,529	1,343	1,157	971	785	599		
45,000-53,999	1,801	1,615	1,429	1,243	1,057	871	684	
54,000-64,999	2,344	2,158	1,972	1,786	1,600	1,414	1,228	855
12.0+ HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	175							
15,000-20,999	447	263						
21,000-26,999	718	534	350					
27,000-32,999	990	806	622	438				
33,000-38,999	1,262	1,078	893	709	525			
39,000-44,999	1,533	1,349	1,165	981	797	613		
45,000-53,999	1,805	1,621	1,437	1,253	1,069	884	700	
54,000-64,999	2,348	2,164	1,980	1,796	1,612	1,428	1,244	875

Table 407: Central Energy Savings (Heating kWh) for 6.8 HSPF Baseline—Zone 4

8.5-8.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	200							
15,000-20,999	530	300						
21,000-26,999	860	630	400					
27,000-32,999	1,190	960	730	500				
33,000-38,999	1,520	1,290	1,060	830	600			
39,000-44,999	1,850	1,620	1,390	1,160	930	700		
45,000-53,999	2,181	1,950	1,720	1,490	1,260	1,030	800	
54,000-64,999	2,841	2,611	2,380	2,150	1,920	1,690	1,460	999
9.0-9.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	239							
15,000-20,999	569	358						
21,000-26,999	899	688	478					
27,000-32,999	1,229	1,019	808	597				
33,000-38,999	1,559	1,349	1,138	927	717			
39,000-44,999	1,889	1,679	1,468	1,257	1,047	836		
45,000-53,999	2,220	2,009	1,798	1,588	1,377	1,166	956	
54,000-64,999	2,880	2,669	2,458	2,248	2,037	1,826	1,616	1,195

9.5-9.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	259							
15,000-20,999	589	389						
21,000-26,999	919	719	518					
27,000-32,999	1,249	1,049	848	648				
33,000-38,999	1,580	1,379	1,179	978	777			
39,000-44,999	1,910	1,709	1,509	1,308	1,108	907		
45,000-53,999	2,240	2,039	1,839	1,638	1,438	1,237	1,037	
54,000-64,999	2,900	2,699	2,499	2,298	2,098	1,897	1,697	1,296
10.0-10.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	267							
15,000-20,999	597	400						
21,000-26,999	927	730	534					
27,000-32,999	1,257	1,060	864	667				
33,000-38,999	1,587	1,390	1,194	997	800			
39,000-44,999	1,917	1,721	1,524	1,327	1,130	934		
45,000-53,999	2,247	2,051	1,854	1,657	1,461	1,264	1,067	
54,000-64,999	2,908	2,711	2,514	2,317	2,121	1,924	1,727	1,334
10.5-10.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	274							
15,000-20,999	604	411						
21,000-26,999	934	741	548					
27,000-32,999	1,264	1,071	878	685				
33,000-38,999	1,595	1,401	1,208	1,015	822			
39,000-44,999	1,925	1,732	1,539	1,345	1,152	959		
45,000-53,999	2,255	2,062	1,869	1,676	1,483	1,290	1,096	
54,000-64,999	2,915	2,722	2,529	2,336	2,143	1,950	1,757	1,371

11.0-11.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	281							
15,000-20,999	611	422						
21,000-26,999	941	752	562					
27,000-32,999	1,271	1,082	892	703				
33,000-38,999	1,602	1,412	1,223	1,033	844			
39,000-44,999	1,932	1,742	1,553	1,363	1,174	984		
45,000-53,999	2,262	2,072	1,883	1,693	1,504	1,314	1,125	
54,000-64,999	2,922	2,733	2,543	2,353	2,164	1,974	1,785	1,406
11.5-11.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	288							
15,000-20,999	618	432						
21,000-26,999	948	762	576					
27,000-32,999	1,278	1,092	906	720				
33,000-38,999	1,608	1,422	1,236	1,050	864			
39,000-44,999	1,939	1,752	1,566	1,380	1,194	1,008		
45,000-53,999	2,269	2,083	1,896	1,710	1,524	1,338	1,152	
54,000-64,999	2,929	2,743	2,557	2,370	2,184	1,998	1,812	1,440
12.0+ HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	292							
15,000-20,999	622	438						
21,000-26,999	952	768	584					
27,000-32,999	1,282	1,098	914	730				
33,000-38,999	1,612	1,428	1,244	1,060	876			
39,000-44,999	1,942	1,758	1,574	1,390	1,206	1,022		
45,000-53,999	2,273	2,088	1,904	1,720	1,536	1,352	1,168	
54,000-64,999	2,933	2,749	2,565	2,380	2,196	2,012	1,828	1,460

Heating, Early Retirement of an Electric Resistance Furnace

Table 408: Central Energy Savings (Heating kWh) for 3.412 HSPF Baseline—Zone 4

8.5-8.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	1,083							
15,000-20,999	1,855	1,625						
21,000-26,999	2,627	2,397	2,167					
27,000-32,999	3,399	3,169	2,939	2,709				
33,000-38,999	4,171	3,941	3,711	3,481	3,250			
39,000-44,999	4,943	4,713	4,483	4,253	4,022	3,792		
45,000-53,999	5,715	5,485	5,255	5,024	4,794	4,564	4,334	
54,000-64,999	7,259	7,029	6,798	6,568	6,338	6,108	5,878	5,417
9.0-9.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	1,123							
15,000-20,999	1,894	1,684						
21,000-26,999	2,666	2,456	2,245					
27,000-32,999	3,438	3,228	3,017	2,806				
33,000-38,999	4,210	3,999	3,789	3,578	3,368			
39,000-44,999	4,982	4,771	4,561	4,350	4,139	3,929		
45,000-53,999	5,754	5,543	5,333	5,122	4,911	4,701	4,490	
54,000-64,999	7,298	7,087	6,876	6,666	6,455	6,244	6,034	5,613

9.5-9.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	1,143							
15,000-20,999	1,915	1,714						
21,000-26,999	2,687	2,486	2,286					
27,000-32,999	3,458	3,258	3,057	2,857				
33,000-38,999	4,230	4,030	3,829	3,629	3,428			
39,000-44,999	5,002	4,802	4,601	4,401	4,200	4,000		
45,000-53,999	5,774	5,574	5,373	5,173	4,972	4,772	4,571	
54,000-64,999	7,318	7,117	6,917	6,716	6,516	6,315	6,115	5,714
10.0-10.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	1,150							
15,000-20,999	1,922	1,726						
21,000-26,999	2,694	2,497	2,301					
27,000-32,999	3,466	3,269	3,073	2,876				
33,000-38,999	4,238	4,041	3,845	3,648	3,451			
39,000-44,999	5,010	4,813	4,616	4,420	4,223	4,026		
45,000-53,999	5,782	5,585	5,388	5,192	4,995	4,798	4,602	
54,000-64,999	7,326	7,129	6,932	6,735	6,539	6,342	6,145	5,752
10.5-10.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	1,158							
15,000-20,999	1,930	1,737						
21,000-26,999	2,702	2,508	2,315					
27,000-32,999	3,473	3,280	3,087	2,894				
33,000-38,999	4,245	4,052	3,859	3,666	3,473			
39,000-44,999	5,017	4,824	4,631	4,438	4,245	4,052		
45,000-53,999	5,789	5,596	5,403	5,210	5,017	4,824	4,631	
54,000-64,999	7,333	7,140	6,947	6,754	6,561	6,368	6,175	5,789

11.0-11.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	1,165							
15,000-20,999	1,937	1,747						
21,000-26,999	2,709	2,519	2,330					
27,000-32,999	3,480	3,291	3,101	2,912				
33,000-38,999	4,252	4,063	3,873	3,684	3,494			
39,000-44,999	5,024	4,835	4,645	4,456	4,266	4,077		
45,000-53,999	5,796	5,607	5,417	5,228	5,038	4,849	4,659	
54,000-64,999	7,340	7,150	6,961	6,771	6,582	6,392	6,203	5,824
11.5-11.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	1,172							
15,000-20,999	1,943	1,757						
21,000-26,999	2,715	2,529	2,343					
27,000-32,999	3,487	3,301	3,115	2,929				
33,000-38,999	4,259	4,073	3,887	3,701	3,515			
39,000-44,999	5,031	4,845	4,659	4,473	4,287	4,101		
45,000-53,999	5,803	5,617	5,431	5,245	5,059	4,872	4,686	
54,000-64,999	7,347	7,161	6,975	6,788	6,602	6,416	6,230	5,858
12.0+ HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	1,176							
15,000-20,999	1,947	1,763						
21,000-26,999	2,719	2,535	2,351					
27,000-32,999	3,491	3,307	3,123	2,939				
33,000-38,999	4,263	4,079	3,895	3,711	3,527			
39,000-44,999	5,035	4,851	4,667	4,483	4,299	4,114		
45,000-53,999	5,807	5,623	5,439	5,255	5,070	4,886	4,702	
54,000-64,999	7,351	7,167	6,983	6,798	6,614	6,430	6,246	5,878

**Climate Zone 5: West Region, El Paso**

**Cooling, New Construction**

**Table 409: Central Energy Savings (Cooling kWh) for 14.0 SEER Baseline—Zone 5**

Size (Btuh)	SEER Range						
	14.5–14.9	15.0–15.9	16.0–16.9	17.0–17.9	18.0–20.9	21.0–23.9	24.0+
< 15,000	60	115	213	378	437	582	692
15,000-20,999	90	172	320	566	655	873	1,038
21,000-26,999	119	230	427	755	873	1,164	1,384
27,000-32,999	149	287	533	944	1,092	1,455	1,730
33,000-38,999	179	345	640	1,133	1,310	1,746	2,076
39,000-44,999	209	402	746	1,322	1,528	2,037	2,422
45,000-53,999	239	459	853	1,511	1,747	2,328	2,768
54,000-64,999	299	574	1,066	1,888	2,183	2,910	3,460

**Cooling, Replace-on-Burnout**

**Table 410: Central Energy Savings (Cooling kWh) for 13.08 SEER Baseline—Zone 5**

14.5-14.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	165							
15,000-20,999	964	247						
21,000-26,999	1,763	1,046	329					
27,000-32,999	2,562	1,845	1,128	412				
33,000-38,999	3,361	2,644	1,927	1,211	494			
39,000-44,999	4,160	3,443	2,726	2,010	1,293	577		
45,000-53,999	4,959	4,242	3,525	2,809	2,092	1,376	659	
54,000-64,999	6,557	5,840	5,123	4,407	3,690	2,974	2,257	824

15.0-15.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	220							
15,000-20,999	1,019	330						
21,000-26,999	1,818	1,129	440					
27,000-32,999	2,617	1,928	1,239	550				
33,000-38,999	3,416	2,727	2,038	1,349	660			
39,000-44,999	4,215	3,526	2,837	2,148	1,459	770		
45,000-53,999	5,014	4,325	3,636	2,947	2,258	1,569	879	
54,000-64,999	6,612	5,923	5,234	4,545	3,856	3,167	2,477	1,099
16.0-16.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	318							
15,000-20,999	1,117	477						
21,000-26,999	1,916	1,276	637					
27,000-32,999	2,715	2,075	1,436	796				
33,000-38,999	3,514	2,874	2,235	1,595	955			
39,000-44,999	4,313	3,673	3,034	2,394	1,754	1,114		
45,000-53,999	5,112	4,472	3,833	3,193	2,553	1,913	1,273	
54,000-64,999	6,710	6,070	5,431	4,791	4,151	3,511	2,871	1,591
17.0-17.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	483							
15,000-20,999	1,282	724						
21,000-26,999	2,081	1,523	965					
27,000-32,999	2,880	2,322	1,764	1,207				
33,000-38,999	3,679	3,121	2,563	2,006	1,448			
39,000-44,999	4,478	3,920	3,362	2,805	2,247	1,689		
45,000-53,999	5,277	4,719	4,161	3,604	3,046	2,488	1,931	
54,000-64,999	6,875	6,317	5,759	5,202	4,644	4,086	3,529	2,413

18.0-20.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	542							
15,000-20,999	1,341	813						
21,000-26,999	2,140	1,612	1,083					
27,000-32,999	2,939	2,411	1,882	1,354				
33,000-38,999	3,738	3,210	2,681	2,153	1,625			
39,000-44,999	4,537	4,009	3,480	2,952	2,424	1,896		
45,000-53,999	5,336	4,808	4,279	3,751	3,223	2,695	2,167	
54,000-64,999	6,934	6,406	5,877	5,349	4,821	4,293	3,765	2,708
21.0-23.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	687							
15,000-20,999	1,486	1,031						
21,000-26,999	2,285	1,830	1,374					
27,000-32,999	3,084	2,629	2,173	1,718				
33,000-38,999	3,883	3,428	2,972	2,517	2,061			
39,000-44,999	4,682	4,227	3,771	3,316	2,860	2,405		
45,000-53,999	5,481	5,026	4,570	4,115	3,659	3,204	2,748	
54,000-64,999	7,079	6,624	6,168	5,713	5,257	4,802	4,346	3,435
24.0+ SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	797							
15,000-20,999	1,596	1,196						
21,000-26,999	2,395	1,995	1,594					
27,000-32,999	3,194	2,794	2,393	1,993				
33,000-38,999	3,993	3,593	3,192	2,792	2,391			
39,000-44,999	4,792	4,392	3,991	3,591	3,190	2,790		
45,000-53,999	5,591	5,191	4,790	4,390	3,989	3,589	3,188	
54,000-64,999	7,189	6,789	6,388	5,988	5,587	5,187	4,786	3,986

***Cooling, Early Retirement***

**Table 411: Central Energy Savings (Cooling kWh) for 12.44 SEER Baseline—Zone 5**

14.5-14.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	247							
15,000-20,999	1,087	370						
21,000-26,999	1,927	1,211	494					
27,000-32,999	2,767	2,051	1,334	617				
33,000-38,999	3,607	2,891	2,174	1,457	741			
39,000-44,999	4,448	3,731	3,014	2,298	1,581	864		
45,000-53,999	5,288	4,571	3,854	3,138	2,421	1,704	988	
54,000-64,999	6,968	6,251	5,535	4,818	4,101	3,385	2,668	1,235
15.0-15.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	302							
15,000-20,999	1,142	453						
21,000-26,999	1,982	1,293	604					
27,000-32,999	2,822	2,133	1,444	755				
33,000-38,999	3,663	2,973	2,284	1,595	906			
39,000-44,999	4,503	3,814	3,124	2,435	1,746	1,057		
45,000-53,999	5,343	4,654	3,965	3,276	2,586	1,897	1,208	
54,000-64,999	7,023	6,334	5,645	4,956	4,267	3,578	2,889	1,510

16.0-16.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	401							
15,000-20,999	1,241	601						
21,000-26,999	2,081	1,441	801					
27,000-32,999	2,921	2,281	1,641	1,001				
33,000-38,999	3,761	3,121	2,481	1,841	1,202			
39,000-44,999	4,601	3,961	3,321	2,681	2,042	1,402		
45,000-53,999	5,441	4,801	4,161	3,522	2,882	2,242	1,602	
54,000-64,999	7,121	6,482	5,842	5,202	4,562	3,922	3,282	2,003
17.0-17.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	565							
15,000-20,999	1,405	847						
21,000-26,999	2,245	1,687	1,130					
27,000-32,999	3,085	2,528	1,970	1,412				
33,000-38,999	3,925	3,368	2,810	2,252	1,695			
39,000-44,999	4,765	4,208	3,650	3,092	2,535	1,977		
45,000-53,999	5,606	5,048	4,490	3,933	3,375	2,817	2,259	
54,000-64,999	7,286	6,728	6,170	5,613	5,055	4,497	3,940	2,824
18.0-20.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	624							
15,000-20,999	1,464	936						
21,000-26,999	2,304	1,776	1,248					
27,000-32,999	3,144	2,616	2,088	1,560				
33,000-38,999	3,984	3,456	2,928	2,400	1,872			
39,000-44,999	4,824	4,296	3,768	3,240	2,712	2,184		
45,000-53,999	5,665	5,136	4,608	4,080	3,552	3,024	2,496	
54,000-64,999	7,345	6,817	6,288	5,760	5,232	4,704	4,176	3,120

21.0-23.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	769							
15,000-20,999	1,609	1,154						
21,000-26,999	2,450	1,994	1,539					
27,000-32,999	3,290	2,834	2,379	1,923				
33,000-38,999	4,130	3,674	3,219	2,763	2,308			
39,000-44,999	4,970	4,514	4,059	3,603	3,148	2,693		
45,000-53,999	5,810	5,354	4,899	4,444	3,988	3,533	3,077	
54,000-64,999	7,490	7,035	6,579	6,124	5,668	5,213	4,757	3,846
24.0+ SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	879							
15,000-20,999	1,719	1,319						
21,000-26,999	2,560	2,159	1,759					
27,000-32,999	3,400	2,999	2,599	2,198				
33,000-38,999	4,240	3,839	3,439	3,038	2,638			
39,000-44,999	5,080	4,679	4,279	3,879	3,478	3,078		
45,000-53,999	5,920	5,520	5,119	4,719	4,318	3,918	3,517	
54,000-64,999	7,600	7,200	6,799	6,399	5,998	5,598	5,198	4,397

**Table 412: Central Energy Savings (Cooling kWh) for 10.0 SEER  
Early Retirement Baseline—Zone 5**

14.5-14.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	657							
15,000-20,999	1,702	985						
21,000-26,999	2,747	2,030	1,314					
27,000-32,999	3,792	3,076	2,359	1,642				
33,000-38,999	4,837	4,121	3,404	2,687	1,971			
39,000-44,999	5,882	5,166	4,449	3,732	3,016	2,299		
45,000-53,999	6,928	6,211	5,494	4,778	4,061	3,344	2,628	
54,000-64,999	9,018	8,301	7,584	6,868	6,151	5,435	4,718	3,285
15.0-15.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	712							
15,000-20,999	1,757	1,068						
21,000-26,999	2,802	2,113	1,424					
27,000-32,999	3,847	3,158	2,469	1,780				
33,000-38,999	4,892	4,203	3,514	2,825	2,136			
39,000-44,999	5,938	5,248	4,559	3,870	3,181	2,492		
45,000-53,999	6,983	6,294	5,604	4,915	4,226	3,537	2,848	
54,000-64,999	9,073	8,384	7,695	7,006	6,317	5,627	4,938	3,560

16.0-16.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	810							
15,000-20,999	1,856	1,216						
21,000-26,999	2,901	2,261	1,621					
27,000-32,999	3,946	3,306	2,666	2,026				
33,000-38,999	4,991	4,351	3,711	3,071	2,431			
39,000-44,999	6,036	5,396	4,756	4,116	3,477	2,837		
45,000-53,999	7,081	6,441	5,801	5,162	4,522	3,882	3,242	
54,000-64,999	9,171	8,531	7,892	7,252	6,612	5,972	5,332	4,052
17.0-17.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	975							
15,000-20,999	2,020	1,462						
21,000-26,999	3,065	2,507	1,950					
27,000-32,999	4,110	3,552	2,995	2,437				
33,000-38,999	5,155	4,598	4,040	3,482	2,925			
39,000-44,999	6,200	5,643	5,085	4,527	3,970	3,412		
45,000-53,999	7,245	6,688	6,130	5,572	5,015	4,457	3,899	
54,000-64,999	9,336	8,778	8,220	7,663	7,105	6,547	5,990	4,874
18.0-20.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	1,034							
15,000-20,999	2,079	1,551						
21,000-26,999	3,124	2,596	2,068					
27,000-32,999	4,169	3,641	3,113	2,585				
33,000-38,999	5,214	4,686	4,158	3,630	3,102			
39,000-44,999	6,259	5,731	5,203	4,675	4,147	3,619		
45,000-53,999	7,304	6,776	6,248	5,720	5,192	4,664	4,136	
54,000-64,999	9,395	8,867	8,338	7,810	7,282	6,754	6,226	5,169

21.0-23.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	1,179							
15,000-20,999	2,224	1,769						
21,000-26,999	3,269	2,814	2,359					
27,000-32,999	4,315	3,859	3,404	2,948				
33,000-38,999	5,360	4,904	4,449	3,993	3,538			
39,000-44,999	6,405	5,949	5,494	5,038	4,583	4,127		
45,000-53,999	7,450	6,994	6,539	6,083	5,628	5,173	4,717	
54,000-64,999	9,540	9,085	8,629	8,174	7,718	7,263	6,807	5,896
24.0+ SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	1,289							
15,000-20,999	2,334	1,934						
21,000-26,999	3,379	2,979	2,579					
27,000-32,999	4,425	4,024	3,624	3,223				
33,000-38,999	5,470	5,069	4,669	4,268	3,868			
39,000-44,999	6,515	6,114	5,714	5,313	4,913	4,513		
45,000-53,999	7,560	7,159	6,759	6,359	5,958	5,558	5,157	
54,000-64,999	9,650	9,250	8,849	8,449	8,048	7,648	7,247	6,446

**Heating, New Construction/Replace-on-Burnout**

**Table 413: Central Energy Savings (Heating kWh) for 8.2 HSPF Baseline—Zone 5**

8.5-8.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	81							
15,000-20,999	667	122						
21,000-26,999	1,253	708	163					
27,000-32,999	1,839	1,294	749	203				
33,000-38,999	2,425	1,880	1,334	789	244			
39,000-44,999	3,011	2,465	1,920	1,375	830	285		
45,000-53,999	3,596	3,051	2,506	1,961	1,416	871	325	
54,000-64,999	4,768	4,223	3,678	3,133	2,587	2,042	1,497	407
9.0-9.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	174							
15,000-20,999	760	261						
21,000-26,999	1,345	846	348					
27,000-32,999	1,931	1,432	933	434				
33,000-38,999	2,517	2,018	1,519	1,020	521			
39,000-44,999	3,103	2,604	2,105	1,606	1,107	608		
45,000-53,999	3,689	3,190	2,691	2,192	1,693	1,194	695	
54,000-64,999	4,861	4,362	3,863	3,364	2,865	2,366	1,867	869

9.5-9.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	222							
15,000-20,999	808	333						
21,000-26,999	1,393	918	443					
27,000-32,999	1,979	1,504	1,029	554				
33,000-38,999	2,565	2,090	1,615	1,140	665			
39,000-44,999	3,151	2,676	2,201	1,726	1,251	776		
45,000-53,999	3,737	3,262	2,787	2,312	1,837	1,362	887	
54,000-64,999	4,908	4,434	3,959	3,484	3,009	2,534	2,059	1,109
10.0-10.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	240							
15,000-20,999	826	360						
21,000-26,999	1,411	946	480					
27,000-32,999	1,997	1,531	1,065	599				
33,000-38,999	2,583	2,117	1,651	1,185	719			
39,000-44,999	3,169	2,703	2,237	1,771	1,305	839		
45,000-53,999	3,755	3,289	2,823	2,357	1,891	1,425	959	
54,000-64,999	4,927	4,461	3,995	3,529	3,063	2,597	2,131	1,199
10.5-10.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	257							
15,000-20,999	843	386						
21,000-26,999	1,429	972	514					
27,000-32,999	2,015	1,557	1,100	643				
33,000-38,999	2,601	2,143	1,686	1,229	771			
39,000-44,999	3,186	2,729	2,272	1,815	1,357	900		
45,000-53,999	3,772	3,315	2,858	2,400	1,943	1,486	1,029	
54,000-64,999	4,944	4,487	4,029	3,572	3,115	2,658	2,200	1,286

11.0-11.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	274							
15,000-20,999	860	411						
21,000-26,999	1,446	997	548					
27,000-32,999	2,031	1,583	1,134	685				
33,000-38,999	2,617	2,168	1,719	1,271	822			
39,000-44,999	3,203	2,754	2,305	1,856	1,408	959		
45,000-53,999	3,789	3,340	2,891	2,442	1,993	1,544	1,096	
54,000-64,999	4,961	4,512	4,063	3,614	3,165	2,716	2,267	1,369
11.5-11.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	290							
15,000-20,999	876	435						
21,000-26,999	1,462	1,021	580					
27,000-32,999	2,048	1,607	1,166	725				
33,000-38,999	2,633	2,193	1,752	1,311	870			
39,000-44,999	3,219	2,778	2,338	1,897	1,456	1,015		
45,000-53,999	3,805	3,364	2,923	2,483	2,042	1,601	1,160	
54,000-64,999	4,977	4,536	4,095	3,654	3,213	2,773	2,332	1,450
12.0+ HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	299							
15,000-20,999	885	449						
21,000-26,999	1,471	1,035	599					
27,000-32,999	2,057	1,621	1,185	749				
33,000-38,999	2,643	2,207	1,771	1,334	898			
39,000-44,999	3,229	2,793	2,356	1,920	1,484	1,048		
45,000-53,999	3,814	3,378	2,942	2,506	2,070	1,634	1,198	
54,000-64,999	4,986	4,550	4,114	3,678	3,242	2,806	2,369	1,497

Heating, Early Retirement of a Heat Pump

Table 414: Central Energy Savings (Heating kWh) for 7.7 HSPF Baseline—Zone 5

8.5-8.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	197							
15,000-20,999	840	295						
21,000-26,999	1,484	938	393					
27,000-32,999	2,127	1,582	1,037	492				
33,000-38,999	2,770	2,225	1,680	1,135	590			
39,000-44,999	3,414	2,869	2,324	1,778	1,233	688		
45,000-53,999	4,057	3,512	2,967	2,422	1,877	1,332	786	
54,000-64,999	5,344	4,799	4,254	3,709	3,164	2,619	2,073	983
9.0-9.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	289							
15,000-20,999	932	434						
21,000-26,999	1,576	1,077	578					
27,000-32,999	2,219	1,720	1,221	723				
33,000-38,999	2,863	2,364	1,865	1,366	867			
39,000-44,999	3,506	3,007	2,508	2,009	1,511	1,012		
45,000-53,999	4,150	3,651	3,152	2,653	2,154	1,655	1,156	
54,000-64,999	5,437	4,938	4,439	3,940	3,441	2,942	2,443	1,445

9.5-9.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	337							
15,000-20,999	980	505						
21,000-26,999	1,624	1,149	674					
27,000-32,999	2,267	1,792	1,317	842				
33,000-38,999	2,911	2,436	1,961	1,486	1,011			
39,000-44,999	3,554	3,079	2,604	2,129	1,654	1,179		
45,000-53,999	4,198	3,723	3,248	2,773	2,298	1,823	1,348	
54,000-64,999	5,485	5,010	4,535	4,060	3,585	3,110	2,635	1,685
10.0-10.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	355							
15,000-20,999	999	533						
21,000-26,999	1,642	1,176	710					
27,000-32,999	2,285	1,819	1,354	888				
33,000-38,999	2,929	2,463	1,997	1,531	1,065			
39,000-44,999	3,572	3,106	2,640	2,175	1,709	1,243		
45,000-53,999	4,216	3,750	3,284	2,818	2,352	1,886	1,420	
54,000-64,999	5,503	5,037	4,571	4,105	3,639	3,173	2,707	1,775
10.5-10.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	372							
15,000-20,999	1,016	559						
21,000-26,999	1,659	1,202	745					
27,000-32,999	2,303	1,846	1,388	931				
33,000-38,999	2,946	2,489	2,032	1,574	1,117			
39,000-44,999	3,590	3,132	2,675	2,218	1,761	1,303		
45,000-53,999	4,233	3,776	3,319	2,861	2,404	1,947	1,490	
54,000-64,999	5,520	5,063	4,606	4,148	3,691	3,234	2,777	1,862

11.0-11.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	389							
15,000-20,999	1,033	584						
21,000-26,999	1,676	1,227	778					
27,000-32,999	2,320	1,871	1,422	973				
33,000-38,999	2,963	2,514	2,065	1,616	1,167			
39,000-44,999	3,606	3,158	2,709	2,260	1,811	1,362		
45,000-53,999	4,250	3,801	3,352	2,903	2,454	2,005	1,557	
54,000-64,999	5,537	5,088	4,639	4,190	3,741	3,292	2,844	1,946
11.5-11.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	405							
15,000-20,999	1,049	608						
21,000-26,999	1,692	1,251	811					
27,000-32,999	2,336	1,895	1,454	1,013				
33,000-38,999	2,979	2,538	2,097	1,657	1,216			
39,000-44,999	3,623	3,182	2,741	2,300	1,859	1,418		
45,000-53,999	4,266	3,825	3,384	2,944	2,503	2,062	1,621	
54,000-64,999	5,553	5,112	4,671	4,231	3,790	3,349	2,908	2,026
12.0+ HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	415							
15,000-20,999	1,058	622						
21,000-26,999	1,702	1,265	829					
27,000-32,999	2,345	1,909	1,473	1,037				
33,000-38,999	2,989	2,552	2,116	1,680	1,244			
39,000-44,999	3,632	3,196	2,760	2,324	1,888	1,451		
45,000-53,999	4,275	3,839	3,403	2,967	2,531	2,095	1,659	
54,000-64,999	5,562	5,126	4,690	4,254	3,818	3,382	2,946	2,073

Table 415: Central Energy Savings (Heating kWh) for 6.8 HSPF Baseline—Zone 5

8.5-8.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	473							
15,000-20,999	1,255	710						
21,000-26,999	2,037	1,492	947					
27,000-32,999	2,819	2,274	1,729	1,184				
33,000-38,999	3,601	3,056	2,511	1,966	1,420			
39,000-44,999	4,383	3,838	3,293	2,748	2,202	1,657		
45,000-53,999	5,165	4,620	4,075	3,529	2,984	2,439	1,894	
54,000-64,999	6,729	6,184	5,638	5,093	4,548	4,003	3,458	2,367
9.0-9.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	566							
15,000-20,999	1,348	849						
21,000-26,999	2,130	1,631	1,132					
27,000-32,999	2,912	2,413	1,914	1,415				
33,000-38,999	3,693	3,195	2,696	2,197	1,698			
39,000-44,999	4,475	3,976	3,477	2,979	2,480	1,981		
45,000-53,999	5,257	4,758	4,259	3,760	3,261	2,763	2,264	
54,000-64,999	6,821	6,322	5,823	5,324	4,825	4,326	3,827	2,829

9.5-9.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	614							
15,000-20,999	1,396	921						
21,000-26,999	2,178	1,703	1,228					
27,000-32,999	2,960	2,485	2,010	1,535				
33,000-38,999	3,741	3,267	2,792	2,317	1,842			
39,000-44,999	4,523	4,048	3,573	3,098	2,624	2,149		
45,000-53,999	5,305	4,830	4,355	3,880	3,405	2,930	2,455	
54,000-64,999	6,869	6,394	5,919	5,444	4,969	4,494	4,019	3,069
10.0-10.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	632							
15,000-20,999	1,414	948						
21,000-26,999	2,196	1,730	1,264					
27,000-32,999	2,978	2,512	2,046	1,580				
33,000-38,999	3,760	3,294	2,828	2,362	1,896			
39,000-44,999	4,541	4,075	3,610	3,144	2,678	2,212		
45,000-53,999	5,323	4,857	4,391	3,925	3,460	2,994	2,528	
54,000-64,999	6,887	6,421	5,955	5,489	5,023	4,557	4,091	3,160
10.5-10.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	649							
15,000-20,999	1,431	974						
21,000-26,999	2,213	1,756	1,299					
27,000-32,999	2,995	2,538	2,080	1,623				
33,000-38,999	3,777	3,320	2,862	2,405	1,948			
39,000-44,999	4,559	4,102	3,644	3,187	2,730	2,272		
45,000-53,999	5,341	4,883	4,426	3,969	3,512	3,054	2,597	
54,000-64,999	6,905	6,447	5,990	5,533	5,075	4,618	4,161	3,246

11.0-11.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	666							
15,000-20,999	1,448	999						
21,000-26,999	2,230	1,781	1,332					
27,000-32,999	3,012	2,563	2,114	1,665				
33,000-38,999	3,794	3,345	2,896	2,447	1,998			
39,000-44,999	4,576	4,127	3,678	3,229	2,780	2,331		
45,000-53,999	5,357	4,909	4,460	4,011	3,562	3,113	2,664	
54,000-64,999	6,921	6,472	6,023	5,575	5,126	4,677	4,228	3,330
11.5-11.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	682							
15,000-20,999	1,464	1,023						
21,000-26,999	2,246	1,805	1,364					
27,000-32,999	3,028	2,587	2,146	1,705				
33,000-38,999	3,810	3,369	2,928	2,487	2,046			
39,000-44,999	4,592	4,151	3,710	3,269	2,828	2,388		
45,000-53,999	5,374	4,933	4,492	4,051	3,610	3,169	2,729	
54,000-64,999	6,937	6,497	6,056	5,615	5,174	4,733	4,292	3,411
12.0+ HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	692							
15,000-20,999	1,473	1,037						
21,000-26,999	2,255	1,819	1,383					
27,000-32,999	3,037	2,601	2,165	1,729				
33,000-38,999	3,819	3,383	2,947	2,511	2,075			
39,000-44,999	4,601	4,165	3,729	3,293	2,857	2,420		
45,000-53,999	5,383	4,947	4,511	4,075	3,638	3,202	2,766	
54,000-64,999	6,947	6,511	6,075	5,638	5,202	4,766	4,330	3,458

**Heating, Early Retirement of an Electric Resistance Furnace**

**Table 416: Central Energy Savings (Heating kWh) for 3.412 HSPF Baseline—Zone 5**

8.5-8.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	2,563							
15,000-20,999	4,390	3,844						
21,000-26,999	6,216	5,671	5,126					
27,000-32,999	8,043	7,498	6,953	6,407				
33,000-38,999	9,870	9,324	8,779	8,234	7,689			
39,000-44,999	11,696	11,151	10,606	10,061	9,516	8,970		
45,000-53,999	13,523	12,978	12,432	11,887	11,342	10,797	10,252	
54,000-64,999	17,176	16,631	16,086	15,541	14,995	14,450	13,905	12,815
9.0-9.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	2,655							
15,000-20,999	4,482	3,983						
21,000-26,999	6,309	5,810	5,311					
27,000-32,999	8,135	7,636	7,137	6,638				
33,000-38,999	9,962	9,463	8,964	8,465	7,966			
39,000-44,999	11,789	11,290	10,791	10,292	9,793	9,294		
45,000-53,999	13,615	13,116	12,617	12,118	11,619	11,120	10,621	
54,000-64,999	17,268	16,770	16,271	15,772	15,273	14,774	14,275	13,277

9.5-9.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	2,703							
15,000-20,999	4,530	4,055						
21,000-26,999	6,357	5,882	5,407					
27,000-32,999	8,183	7,708	7,233	6,758				
33,000-38,999	10,010	9,535	9,060	8,585	8,110			
39,000-44,999	11,837	11,362	10,887	10,412	9,937	9,462		
45,000-53,999	13,663	13,188	12,713	12,238	11,763	11,288	10,813	
54,000-64,999	17,316	16,841	16,367	15,892	15,417	14,942	14,467	13,517
10.0-10.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	2,721							
15,000-20,999	4,548	4,082						
21,000-26,999	6,375	5,909	5,443					
27,000-32,999	8,201	7,735	7,269	6,803				
33,000-38,999	10,028	9,562	9,096	8,630	8,164			
39,000-44,999	11,855	11,389	10,923	10,457	9,991	9,525		
45,000-53,999	13,681	13,215	12,749	12,283	11,817	11,351	10,886	
54,000-64,999	17,334	16,869	16,403	15,937	15,471	15,005	14,539	13,607
10.5-10.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	2,739							
15,000-20,999	4,565	4,108						
21,000-26,999	6,392	5,935	5,478					
27,000-32,999	8,219	7,761	7,304	6,847				
33,000-38,999	10,045	9,588	9,131	8,674	8,216			
39,000-44,999	11,872	11,415	10,957	10,500	10,043	9,586		
45,000-53,999	13,699	13,241	12,784	12,327	11,870	11,412	10,955	
54,000-64,999	17,352	16,895	16,437	15,980	15,523	15,066	14,608	13,694

11.0-11.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	2,755							
15,000-20,999	4,582	4,133						
21,000-26,999	6,409	5,960	5,511					
27,000-32,999	8,235	7,787	7,338	6,889				
33,000-38,999	10,062	9,613	9,164	8,715	8,266			
39,000-44,999	11,889	11,440	10,991	10,542	10,093	9,644		
45,000-53,999	13,715	13,266	12,818	12,369	11,920	11,471	11,022	
54,000-64,999	17,369	16,920	16,471	16,022	15,573	15,124	14,675	13,777
11.5-11.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	2,772							
15,000-20,999	4,598	4,157						
21,000-26,999	6,425	5,984	5,543					
27,000-32,999	8,252	7,811	7,370	6,929				
33,000-38,999	10,078	9,637	9,197	8,756	8,315			
39,000-44,999	11,905	11,464	11,023	10,582	10,141	9,701		
45,000-53,999	13,731	13,291	12,850	12,409	11,968	11,527	11,086	
54,000-64,999	17,385	16,944	16,503	16,062	15,621	15,181	14,740	13,858
12.0+ HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	2,781							
15,000-20,999	4,608	4,172						
21,000-26,999	6,434	5,998	5,562					
27,000-32,999	8,261	7,825	7,389	6,953				
33,000-38,999	10,088	9,651	9,215	8,779	8,343			
39,000-44,999	11,914	11,478	11,042	10,606	10,170	9,734		
45,000-53,999	13,741	13,305	12,869	12,432	11,996	11,560	11,124	
54,000-64,999	17,394	16,958	16,522	16,086	15,650	15,213	14,777	13,905

## Deemed Summer Demand Savings Tables<sup>498</sup>

Table 417 through Table 436 present the summer demand savings (kW) for all five Texas climate zones. In each table, the capacity of the efficient unit is represented in the columns and the capacity of the existing unit is represented in the rows. The savings are in the intersection of the appropriate efficient and existing capacities. Replacements where there has been to change in capacity are highlighted in light blue.

The rightsizing savings specified in the tables below are only applicable to replace-on-burnout and early retirement projects. New construction projects are not eligible to receive deemed savings for system rightsizing.<sup>499</sup>

Systems rated at 17 SEER or greater are assumed to be two-stage systems, while those under 17 SEER are assumed to be single-stage systems. This results in slightly lower summer demand savings for 17.0-17.9 SEER systems as compared to 16.0-16.9 SEER systems.

### **Climate Zone 1: Panhandle Region, Amarillo**

#### **Cooling, New Construction**

Table 417: Central Summer Demand Savings for 14.0 SEER Baseline—Zone 1

Size (Btuh)	SEER Range						
	14.5–14.9	15.0–15.9	16.0–16.9	17.0–17.9*	18.0–20.9	21.0–23.9	24.0+
< 15,000	0.04	0.08	0.14	0.11	0.16	0.24	0.30
15,000-20,999	0.06	0.12	0.22	0.16	0.24	0.35	0.45
21,000-26,999	0.08	0.16	0.29	0.21	0.31	0.47	0.60
27,000-32,999	0.10	0.19	0.36	0.27	0.39	0.59	0.75
33,000-38,999	0.12	0.23	0.43	0.32	0.47	0.71	0.90
39,000-44,999	0.14	0.27	0.50	0.37	0.55	0.82	1.05
45,000-53,999	0.16	0.31	0.58	0.42	0.63	0.94	1.20
54,000-64,999	0.20	0.39	0.72	0.53	0.79	1.18	1.50

<sup>498</sup> Rated capacity ranges are specified based on normal rounding convention between capacity categories (values at and above the midpoint round up, while values below the midpoint round down).

<sup>499</sup> For projects using a custom baseline see TRMv6.0 Volume 4.

***Cooling, Replace-on-Burnout***

**Table 418: Central Summer Demand Savings for 13.08 SEER Baseline—Zone 1**

14.5-14.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.11							
15,000-20,999	0.65	0.17						
21,000-26,999	1.19	0.71	0.22					
27,000-32,999	1.73	1.25	0.76	0.28				
33,000-38,999	2.27	1.79	1.30	0.82	0.33			
39,000-44,999	2.81	2.33	1.84	1.36	0.87	0.39		
45,000-53,999	3.35	2.87	2.38	1.90	1.41	0.93	0.45	
54,000-64,999	4.43	3.94	3.46	2.98	2.49	2.01	1.52	0.56
15.0-15.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.15							
15,000-20,999	0.69	0.22						
21,000-26,999	1.23	0.76	0.30					
27,000-32,999	1.77	1.30	0.84	0.37				
33,000-38,999	2.31	1.84	1.38	0.91	0.45			
39,000-44,999	2.85	2.38	1.92	1.45	0.99	0.52		
45,000-53,999	3.39	2.92	2.46	1.99	1.52	1.06	0.59	
54,000-64,999	4.47	4.00	3.53	3.07	2.60	2.14	1.67	0.74

16.0-16.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.21							
15,000-20,999	0.75	0.32						
21,000-26,999	1.29	0.86	0.43					
27,000-32,999	1.83	1.40	0.97	0.54				
33,000-38,999	2.37	1.94	1.51	1.08	0.64			
39,000-44,999	2.91	2.48	2.05	1.62	1.18	0.75		
45,000-53,999	3.45	3.02	2.59	2.16	1.72	1.29	0.86	
54,000-64,999	4.53	4.10	3.67	3.24	2.80	2.37	1.94	1.07
17.0-17.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.18							
15,000-20,999	0.72	0.27						
21,000-26,999	1.26	0.81	0.35					
27,000-32,999	1.80	1.34	0.89	0.44				
33,000-38,999	2.34	1.88	1.43	0.98	0.53			
39,000-44,999	2.88	2.42	1.97	1.52	1.07	0.62		
45,000-53,999	3.41	2.96	2.51	2.06	1.61	1.16	0.71	
54,000-64,999	4.49	4.04	3.59	3.14	2.69	2.24	1.79	0.88
18.0-20.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.23							
15,000-20,999	0.77	0.34						
21,000-26,999	1.31	0.88	0.46					
27,000-32,999	1.85	1.42	1.00	0.57				
33,000-38,999	2.39	1.96	1.54	1.11	0.68			
39,000-44,999	2.93	2.50	2.08	1.65	1.22	0.80		
45,000-53,999	3.47	3.04	2.61	2.19	1.76	1.34	0.91	
54,000-64,999	4.55	4.12	3.69	3.27	2.84	2.42	1.99	1.14

21.0-23.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.31							
15,000-20,999	0.85	0.46						
21,000-26,999	1.39	1.00	0.61					
27,000-32,999	1.92	1.54	1.15	0.76				
33,000-38,999	2.46	2.08	1.69	1.30	0.92			
39,000-44,999	3.00	2.62	2.23	1.84	1.46	1.07		
45,000-53,999	3.54	3.16	2.77	2.38	2.00	1.61	1.22	
54,000-64,999	4.62	4.24	3.85	3.46	3.08	2.69	2.30	1.53
24.0+ SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.37							
15,000-20,999	0.91	0.56						
21,000-26,999	1.45	1.10	0.74					
27,000-32,999	1.99	1.64	1.28	0.93				
33,000-38,999	2.53	2.18	1.82	1.47	1.11			
39,000-44,999	3.07	2.71	2.36	2.01	1.65	1.30		
45,000-53,999	3.61	3.25	2.90	2.55	2.19	1.84	1.48	
54,000-64,999	4.69	4.33	3.98	3.63	3.27	2.92	2.56	1.85

**Cooling, Early Retirement**

**Table 419: Central Summer Demand Savings for 12.44 SEER Baseline—Zone 1**

14.5-14.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.17							
15,000-20,999	0.73	0.25						
21,000-26,999	1.30	0.82	0.33					
27,000-32,999	1.87	1.39	0.90	0.42				
33,000-38,999	2.44	1.95	1.47	0.98	0.50			
39,000-44,999	3.00	2.52	2.04	1.55	1.07	0.58		
45,000-53,999	3.57	3.09	2.60	2.12	1.64	1.15	0.67	
54,000-64,999	4.71	4.22	3.74	3.25	2.77	2.29	1.80	0.83
15.0-15.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.20							
15,000-20,999	0.77	0.31						
21,000-26,999	1.34	0.87	0.41					
27,000-32,999	1.91	1.44	0.98	0.51				
33,000-38,999	2.47	2.01	1.54	1.08	0.61			
39,000-44,999	3.04	2.58	2.11	1.64	1.18	0.71		
45,000-53,999	3.61	3.14	2.68	2.21	1.75	1.28	0.82	
54,000-64,999	4.74	4.28	3.81	3.35	2.88	2.42	1.95	1.02

16.0-16.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.27							
15,000-20,999	0.84	0.41						
21,000-26,999	1.41	0.97	0.54					
27,000-32,999	1.97	1.54	1.11	0.68				
33,000-38,999	2.54	2.11	1.68	1.24	0.81			
39,000-44,999	3.11	2.68	2.24	1.81	1.38	0.95		
45,000-53,999	3.68	3.24	2.81	2.38	1.95	1.51	1.08	
54,000-64,999	4.81	4.38	3.95	3.51	3.08	2.65	2.22	1.35
17.0-17.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.23							
15,000-20,999	0.80	0.35						
21,000-26,999	1.37	0.92	0.46					
27,000-32,999	1.93	1.48	1.03	0.58				
33,000-38,999	2.50	2.05	1.60	1.15	0.70			
39,000-44,999	3.07	2.62	2.17	1.72	1.26	0.81		
45,000-53,999	3.64	3.19	2.73	2.28	1.83	1.38	0.93	
54,000-64,999	4.77	4.32	3.87	3.42	2.97	2.52	2.06	1.16
18.0-20.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.28							
15,000-20,999	0.85	0.43						
21,000-26,999	1.42	0.99	0.57					
27,000-32,999	1.99	1.56	1.13	0.71				
33,000-38,999	2.55	2.13	1.70	1.28	0.85			
39,000-44,999	3.12	2.70	2.27	1.84	1.42	0.99		
45,000-53,999	3.69	3.26	2.84	2.41	1.99	1.56	1.13	
54,000-64,999	4.82	4.40	3.97	3.55	3.12	2.69	2.27	1.42

21.0-23.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.36							
15,000-20,999	0.93	0.54						
21,000-26,999	1.50	1.11	0.72					
27,000-32,999	2.06	1.68	1.29	0.90				
33,000-38,999	2.63	2.24	1.86	1.47	1.08			
39,000-44,999	3.20	2.81	2.43	2.04	1.65	1.27		
45,000-53,999	3.77	3.38	2.99	2.61	2.22	1.83	1.45	
54,000-64,999	4.90	4.51	4.13	3.74	3.35	2.97	2.58	1.81
24.0+ SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.43							
15,000-20,999	0.99	0.64						
21,000-26,999	1.56	1.21	0.85					
27,000-32,999	2.13	1.77	1.42	1.07				
33,000-38,999	2.70	2.34	1.99	1.63	1.28			
39,000-44,999	3.26	2.91	2.55	2.20	1.85	1.49		
45,000-53,999	3.83	3.48	3.12	2.77	2.41	2.06	1.71	
54,000-64,999	4.97	4.61	4.26	3.90	3.55	3.19	2.84	2.13

Table 420: Central Summer Demand Savings for 10.0 SEER Early Retirement Baseline—Zone 1

14.5-14.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.44							
15,000-20,999	1.15	0.67						
21,000-26,999	1.86	1.37	0.89					
27,000-32,999	2.56	2.08	1.59	1.11				
33,000-38,999	3.27	2.78	2.30	1.82	1.33			
39,000-44,999	3.97	3.49	3.00	2.52	2.04	1.55		
45,000-53,999	4.68	4.19	3.71	3.23	2.74	2.26	1.77	
54,000-64,999	6.09	5.61	5.12	4.64	4.15	3.67	3.19	2.22
15.0-15.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.48							
15,000-20,999	1.19	0.72						
21,000-26,999	1.89	1.43	0.96					
27,000-32,999	2.60	2.13	1.67	1.20				
33,000-38,999	3.30	2.84	2.37	1.91	1.44			
39,000-44,999	4.01	3.54	3.08	2.61	2.15	1.68		
45,000-53,999	4.72	4.25	3.79	3.32	2.85	2.39	1.92	
54,000-64,999	6.13	5.66	5.20	4.73	4.27	3.80	3.34	2.40

16.0-16.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.55							
15,000-20,999	1.25	0.82						
21,000-26,999	1.96	1.53	1.09					
27,000-32,999	2.67	2.23	1.80	1.37				
33,000-38,999	3.37	2.94	2.51	2.07	1.64			
39,000-44,999	4.08	3.64	3.21	2.78	2.35	1.92		
45,000-53,999	4.78	4.35	3.92	3.49	3.05	2.62	2.19	
54,000-64,999	6.19	5.76	5.33	4.90	4.47	4.03	3.60	2.74
17.0-17.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.51							
15,000-20,999	1.22	0.76						
21,000-26,999	1.92	1.47	1.02					
27,000-32,999	2.63	2.18	1.72	1.27				
33,000-38,999	3.33	2.88	2.43	1.98	1.53			
39,000-44,999	4.04	3.59	3.14	2.69	2.23	1.78		
45,000-53,999	4.74	4.29	3.84	3.39	2.94	2.49	2.04	
54,000-64,999	6.16	5.71	5.25	4.80	4.35	3.90	3.45	2.55
18.0-20.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.56							
15,000-20,999	1.27	0.84						
21,000-26,999	1.97	1.55	1.12					
27,000-32,999	2.68	2.25	1.83	1.40				
33,000-38,999	3.38	2.96	2.53	2.11	1.68			
39,000-44,999	4.09	3.66	3.24	2.81	2.39	1.96		
45,000-53,999	4.80	4.37	3.94	3.52	3.09	2.67	2.24	
54,000-64,999	6.21	5.78	5.36	4.93	4.50	4.08	3.65	2.80

21.0-23.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.64							
15,000-20,999	1.34	0.96						
21,000-26,999	2.05	1.66	1.28					
27,000-32,999	2.76	2.37	1.98	1.60				
33,000-38,999	3.46	3.08	2.69	2.30	1.92			
39,000-44,999	4.17	3.78	3.39	3.01	2.62	2.23		
45,000-53,999	4.87	4.49	4.10	3.71	3.33	2.94	2.55	
54,000-64,999	6.29	5.90	5.51	5.13	4.74	4.35	3.97	3.19
24.0+ SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.70							
15,000-20,999	1.41	1.05						
21,000-26,999	2.11	1.76	1.41					
27,000-32,999	2.82	2.47	2.11	1.76				
33,000-38,999	3.53	3.17	2.82	2.46	2.11			
39,000-44,999	4.23	3.88	3.52	3.17	2.82	2.46		
45,000-53,999	4.94	4.58	4.23	3.88	3.52	3.17	2.81	
54,000-64,999	6.35	6.00	5.64	5.29	4.93	4.58	4.22	3.52

**Climate Zone 2: North Region, Dallas/Fort Worth**

**Cooling, New Construction**

**Table 421: Central Summer Demand Savings for 14.0 SEER Baseline—Zone 2**

Size (Btuh)	SEER Range						
	14.5–14.9	15.0–15.9	16.0–16.9	17.0–17.9*	18.0–20.9	21.0-23.9	24.0+
< 15,000	0.04	0.08	0.15	0.12	0.17	0.25	0.32
15,000-20,999	0.06	0.12	0.23	0.18	0.26	0.38	0.48
21,000-26,999	0.09	0.16	0.31	0.24	0.34	0.50	0.64
27,000-32,999	0.11	0.21	0.38	0.30	0.43	0.63	0.80
33,000-38,999	0.13	0.25	0.46	0.35	0.52	0.76	0.96
39,000-44,999	0.15	0.29	0.53	0.41	0.60	0.88	1.12
45,000-53,999	0.17	0.33	0.61	0.47	0.69	1.01	1.28
54,000-64,999	0.21	0.41	0.76	0.59	0.86	1.26	1.60

**Cooling, Replace-on-Burnout**

**Table 422: Central Summer Demand Savings for 13.08 SEER Baseline—Zone 2**

14.5-14.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.12							
15,000-20,999	0.69	0.18						
21,000-26,999	1.26	0.75	0.24					
27,000-32,999	1.84	1.32	0.81	0.29				
33,000-38,999	2.41	1.89	1.38	0.87	0.35			
39,000-44,999	2.98	2.47	1.95	1.44	0.93	0.41		
45,000-53,999	3.55	3.04	2.53	2.01	1.50	0.99	0.47	
54,000-64,999	4.70	4.18	3.67	3.16	2.64	2.13	1.62	0.59

15.0-15.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.16							
15,000-20,999	0.73	0.24						
21,000-26,999	1.30	0.81	0.31					
27,000-32,999	1.87	1.38	0.89	0.39				
33,000-38,999	2.45	1.95	1.46	0.97	0.47			
39,000-44,999	3.02	2.53	2.03	1.54	1.04	0.55		
45,000-53,999	3.59	3.10	2.60	2.11	1.62	1.12	0.63	
54,000-64,999	4.74	4.24	3.75	3.26	2.76	2.27	1.77	0.79
16.0-16.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.23							
15,000-20,999	0.80	0.34						
21,000-26,999	1.37	0.91	0.46					
27,000-32,999	1.95	1.49	1.03	0.57				
33,000-38,999	2.52	2.06	1.60	1.14	0.68			
39,000-44,999	3.09	2.63	2.17	1.71	1.26	0.80		
45,000-53,999	3.66	3.20	2.75	2.29	1.83	1.37	0.91	
54,000-64,999	4.81	4.35	3.89	3.43	2.97	2.52	2.06	1.14
17.0-17.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.19							
15,000-20,999	0.77	0.29						
21,000-26,999	1.34	0.86	0.39					
27,000-32,999	1.91	1.43	0.96	0.48				
33,000-38,999	2.48	2.01	1.53	1.06	0.58			
39,000-44,999	3.05	2.58	2.10	1.63	1.15	0.68		
45,000-53,999	3.63	3.15	2.68	2.20	1.72	1.25	0.77	
54,000-64,999	4.77	4.30	3.82	3.34	2.87	2.39	1.92	0.97

18.0-20.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.25							
15,000-20,999	0.82	0.37						
21,000-26,999	1.39	0.94	0.49					
27,000-32,999	1.96	1.52	1.07	0.62				
33,000-38,999	2.54	2.09	1.64	1.19	0.74			
39,000-44,999	3.11	2.66	2.21	1.76	1.31	0.87		
45,000-53,999	3.68	3.23	2.78	2.34	1.89	1.44	0.99	
54,000-64,999	4.83	4.38	3.93	3.48	3.03	2.58	2.13	1.24
21.0-23.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.33							
15,000-20,999	0.90	0.49						
21,000-26,999	1.47	1.06	0.66					
27,000-32,999	2.04	1.64	1.23	0.82				
33,000-38,999	2.62	2.21	1.80	1.39	0.98			
39,000-44,999	3.19	2.78	2.37	1.96	1.55	1.15		
45,000-53,999	3.76	3.35	2.94	2.54	2.13	1.72	1.31	
54,000-64,999	4.91	4.50	4.09	3.68	3.27	2.86	2.45	1.64
24.0+ SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.39							
15,000-20,999	0.97	0.59						
21,000-26,999	1.54	1.16	0.79					
27,000-32,999	2.11	1.74	1.36	0.99				
33,000-38,999	2.68	2.31	1.93	1.56	1.18			
39,000-44,999	3.26	2.88	2.51	2.13	1.76	1.38		
45,000-53,999	3.83	3.45	3.08	2.70	2.33	1.95	1.58	
54,000-64,999	4.97	4.60	4.22	3.85	3.47	3.10	2.72	1.97

***Cooling, Early Retirement***

**Table 423: Central Summer Demand Savings for 12.44 SEER Baseline—Zone 2**

14.5-14.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.18							
15,000-20,999	0.78	0.27						
21,000-26,999	1.38	0.87	0.35					
27,000-32,999	1.98	1.47	0.96	0.44				
33,000-38,999	2.58	2.07	1.56	1.04	0.53			
39,000-44,999	3.19	2.67	2.16	1.65	1.13	0.62		
45,000-53,999	3.79	3.27	2.76	2.25	1.73	1.22	0.71	
54,000-64,999	4.99	4.48	3.96	3.45	2.94	2.42	1.91	0.88
15.0-15.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.22							
15,000-20,999	0.82	0.32						
21,000-26,999	1.42	0.93	0.43					
27,000-32,999	2.02	1.53	1.03	0.54				
33,000-38,999	2.62	2.13	1.64	1.14	0.65			
39,000-44,999	3.23	2.73	2.24	1.74	1.25	0.76		
45,000-53,999	3.83	3.33	2.84	2.35	1.85	1.36	0.87	
54,000-64,999	5.03	4.54	4.04	3.55	3.06	2.56	2.07	1.08

16.0-16.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.29							
15,000-20,999	0.89	0.43						
21,000-26,999	1.49	1.03	0.57					
27,000-32,999	2.09	1.63	1.18	0.72				
33,000-38,999	2.69	2.24	1.78	1.32	0.86			
39,000-44,999	3.30	2.84	2.38	1.92	1.46	1.00		
45,000-53,999	3.90	3.44	2.98	2.52	2.06	1.61	1.15	
54,000-64,999	5.10	4.64	4.18	3.73	3.27	2.81	2.35	1.43
17.0-17.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.25							
15,000-20,999	0.85	0.38						
21,000-26,999	1.46	0.98	0.50					
27,000-32,999	2.06	1.58	1.11	0.63				
33,000-38,999	2.66	2.18	1.71	1.23	0.76			
39,000-44,999	3.26	2.79	2.31	1.83	1.36	0.88		
45,000-53,999	3.86	3.39	2.91	2.44	1.96	1.48	1.01	
54,000-64,999	5.07	4.59	4.11	3.64	3.16	2.69	2.21	1.26
18.0-20.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.31							
15,000-20,999	0.91	0.46						
21,000-26,999	1.51	1.06	0.61					
27,000-32,999	2.11	1.66	1.21	0.77				
33,000-38,999	2.71	2.26	1.82	1.37	0.92			
39,000-44,999	3.32	2.87	2.42	1.97	1.52	1.07		
45,000-53,999	3.92	3.47	3.02	2.57	2.12	1.67	1.22	
54,000-64,999	5.12	4.67	4.22	3.77	3.33	2.88	2.43	1.53

21.0-23.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.39							
15,000-20,999	0.99	0.58						
21,000-26,999	1.59	1.18	0.77					
27,000-32,999	2.19	1.78	1.37	0.97				
33,000-38,999	2.79	2.38	1.98	1.57	1.16			
39,000-44,999	3.40	2.99	2.58	2.17	1.76	1.35		
45,000-53,999	4.00	3.59	3.18	2.77	2.36	1.95	1.55	
54,000-64,999	5.20	4.79	4.38	3.97	3.57	3.16	2.75	1.93
24.0+ SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.45							
15,000-20,999	1.06	0.68						
21,000-26,999	1.66	1.28	0.91					
27,000-32,999	2.26	1.88	1.51	1.13				
33,000-38,999	2.86	2.49	2.11	1.74	1.36			
39,000-44,999	3.46	3.09	2.71	2.34	1.96	1.59		
45,000-53,999	4.06	3.69	3.31	2.94	2.56	2.19	1.81	
54,000-64,999	5.27	4.89	4.52	4.14	3.77	3.39	3.02	2.27

Table 424: Central Summer Demand Savings for 10.0 SEER Early Retirement Baseline—Zone 2

14.5-14.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.47							
15,000-20,999	1.22	0.71						
21,000-26,999	1.97	1.45	0.94					
27,000-32,999	2.72	2.20	1.69	1.18				
33,000-38,999	3.47	2.95	2.44	1.93	1.41			
39,000-44,999	4.21	3.70	3.19	2.67	2.16	1.65		
45,000-53,999	4.96	4.45	3.94	3.42	2.91	2.40	1.88	
54,000-64,999	6.46	5.95	5.43	4.92	4.41	3.89	3.38	2.35
15.0-15.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.51							
15,000-20,999	1.26	0.77						
21,000-26,999	2.01	1.51	1.02					
27,000-32,999	2.76	2.26	1.77	1.28				
33,000-38,999	3.50	3.01	2.52	2.02	1.53			
39,000-44,999	4.25	3.76	3.27	2.77	2.28	1.79		
45,000-53,999	5.00	4.51	4.01	3.52	3.03	2.53	2.04	
54,000-64,999	6.50	6.01	5.51	5.02	4.52	4.03	3.54	2.55

16.0-16.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.58							
15,000-20,999	1.33	0.87						
21,000-26,999	2.08	1.62	1.16					
27,000-32,999	2.83	2.37	1.91	1.45				
33,000-38,999	3.58	3.12	2.66	2.20	1.74			
39,000-44,999	4.32	3.87	3.41	2.95	2.49	2.03		
45,000-53,999	5.07	4.61	4.16	3.70	3.24	2.78	2.32	
54,000-64,999	6.57	6.11	5.65	5.19	4.74	4.28	3.82	2.90
17.0-17.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.55							
15,000-20,999	1.29	0.82						
21,000-26,999	2.04	1.57	1.09					
27,000-32,999	2.79	2.32	1.84	1.36				
33,000-38,999	3.54	3.06	2.59	2.11	1.64			
39,000-44,999	4.29	3.81	3.34	2.86	2.39	1.91		
45,000-53,999	5.04	4.56	4.09	3.61	3.13	2.66	2.18	
54,000-64,999	6.53	6.06	5.58	5.11	4.63	4.16	3.68	2.73
18.0-20.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.60							
15,000-20,999	1.35	0.90						
21,000-26,999	2.10	1.65	1.20					
27,000-32,999	2.85	2.40	1.95	1.50				
33,000-38,999	3.59	3.15	2.70	2.25	1.80			
39,000-44,999	4.34	3.89	3.45	3.00	2.55	2.10		
45,000-53,999	5.09	4.64	4.19	3.75	3.30	2.85	2.40	
54,000-64,999	6.59	6.14	5.69	5.24	4.79	4.35	3.90	3.00

21.0-23.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.68							
15,000-20,999	1.43	1.02						
21,000-26,999	2.18	1.77	1.36					
27,000-32,999	2.93	2.52	2.11	1.70				
33,000-38,999	3.67	3.27	2.86	2.45	2.04			
39,000-44,999	4.42	4.01	3.61	3.20	2.79	2.38		
45,000-53,999	5.17	4.76	4.35	3.95	3.54	3.13	2.72	
54,000-64,999	6.67	6.26	5.85	5.44	5.03	4.63	4.22	3.40
24.0+ SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.75							
15,000-20,999	1.50	1.12						
21,000-26,999	2.24	1.87	1.49					
27,000-32,999	2.99	2.62	2.24	1.87				
33,000-38,999	3.74	3.37	2.99	2.62	2.24			
39,000-44,999	4.49	4.12	3.74	3.37	2.99	2.61		
45,000-53,999	5.24	4.86	4.49	4.11	3.74	3.36	2.99	
54,000-64,999	6.74	6.36	5.99	5.61	5.24	4.86	4.49	3.74

**Climate Zone 3: South Region, Houston**

**Cooling, New Construction**

Table 425: Central Summer Demand Savings for 14.0 SEER Baseline—Zone 3

Size (Btuh)	SEER Range						
	14.5–14.9	15.0–15.9	16.0–16.9	17.0–17.9*	18.0–20.9	21.0–23.9	24.0+
< 15,000	0.04	0.08	0.15	0.10	0.16	0.23	0.29
15,000-20,999	0.06	0.12	0.22	0.15	0.23	0.35	0.44
21,000-26,999	0.08	0.16	0.30	0.21	0.31	0.46	0.59
27,000-32,999	0.10	0.20	0.37	0.26	0.39	0.58	0.74
33,000-38,999	0.12	0.24	0.45	0.31	0.47	0.69	0.88
39,000-44,999	0.15	0.28	0.52	0.36	0.55	0.81	1.03
45,000-53,999	0.17	0.32	0.59	0.41	0.62	0.92	1.18
54,000-64,999	0.21	0.40	0.74	0.51	0.78	1.16	1.47

**Cooling, Replace-on-Burnout**

Table 426: Central Summer Demand Savings for 13.08 SEER Baseline—Zone 3

14.5-14.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.11							
15,000-20,999	0.67	0.17						
21,000-26,999	1.23	0.73	0.23					
27,000-32,999	1.78	1.28	0.79	0.29				
33,000-38,999	2.34	1.84	1.34	0.84	0.34			
39,000-44,999	2.90	2.40	1.90	1.40	0.90	0.40		
45,000-53,999	3.45	2.95	2.45	1.96	1.46	0.96	0.46	
54,000-64,999	4.57	4.07	3.57	3.07	2.57	2.07	1.57	0.57

15.0-15.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.15							
15,000-20,999	0.71	0.23						
21,000-26,999	1.27	0.79	0.31					
27,000-32,999	1.82	1.34	0.86	0.38				
33,000-38,999	2.38	1.90	1.42	0.94	0.46			
39,000-44,999	2.93	2.46	1.98	1.50	1.02	0.54		
45,000-53,999	3.49	3.01	2.53	2.05	1.57	1.09	0.61	
54,000-64,999	4.60	4.12	3.64	3.16	2.68	2.20	1.73	0.77
16.0-16.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.22							
15,000-20,999	0.78	0.33						
21,000-26,999	1.33	0.89	0.44					
27,000-32,999	1.89	1.45	1.00	0.55				
33,000-38,999	2.45	2.00	1.56	1.11	0.66			
39,000-44,999	3.00	2.56	2.11	1.67	1.22	0.78		
45,000-53,999	3.56	3.11	2.67	2.22	1.78	1.33	0.89	
54,000-64,999	4.67	4.23	3.78	3.34	2.89	2.44	2.00	1.11
17.0-17.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.18							
15,000-20,999	0.73	0.26						
21,000-26,999	1.29	0.82	0.35					
27,000-32,999	1.84	1.38	0.91	0.44				
33,000-38,999	2.40	1.93	1.46	1.00	0.53			
39,000-44,999	2.96	2.49	2.02	1.55	1.08	0.62		
45,000-53,999	3.51	3.05	2.58	2.11	1.64	1.17	0.70	
54,000-64,999	4.63	4.16	3.69	3.22	2.75	2.28	1.82	0.88

18.0-20.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.23							
15,000-20,999	0.79	0.34						
21,000-26,999	1.34	0.90	0.46					
27,000-32,999	1.90	1.46	1.01	0.57				
33,000-38,999	2.45	2.01	1.57	1.13	0.69			
39,000-44,999	3.01	2.57	2.13	1.69	1.24	0.80		
45,000-53,999	3.57	3.13	2.68	2.24	1.80	1.36	0.92	
54,000-64,999	4.68	4.24	3.80	3.36	2.91	2.47	2.03	1.15
21.0-23.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.30							
15,000-20,999	0.86	0.46						
21,000-26,999	1.42	1.01	0.61					
27,000-32,999	1.97	1.57	1.17	0.76				
33,000-38,999	2.53	2.13	1.72	1.32	0.91			
39,000-44,999	3.09	2.68	2.28	1.87	1.47	1.07		
45,000-53,999	3.64	3.24	2.83	2.43	2.03	1.62	1.22	
54,000-64,999	4.76	4.35	3.95	3.54	3.14	2.73	2.33	1.52
24.0+ SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.37							
15,000-20,999	0.92	0.55						
21,000-26,999	1.48	1.11	0.74					
27,000-32,999	2.04	1.66	1.29	0.92				
33,000-38,999	2.59	2.22	1.85	1.48	1.10			
39,000-44,999	3.15	2.78	2.40	2.03	1.66	1.29		
45,000-53,999	3.71	3.33	2.96	2.59	2.22	1.84	1.47	
54,000-64,999	4.82	4.45	4.07	3.70	3.33	2.96	2.58	1.84

***Cooling, Early Retirement***

**Table 427: Central Summer Demand Savings for 12.44 SEER Baseline—Zone 3**

14.5-14.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.17							
15,000-20,999	0.76	0.26						
21,000-26,999	1.34	0.84	0.34					
27,000-32,999	1.93	1.43	0.93	0.43				
33,000-38,999	2.51	2.01	1.51	1.01	0.52			
39,000-44,999	3.10	2.60	2.10	1.60	1.10	0.60		
45,000-53,999	3.68	3.18	2.68	2.18	1.69	1.19	0.69	
54,000-64,999	4.85	4.35	3.85	3.35	2.86	2.36	1.86	0.86
15.0-15.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.21							
15,000-20,999	0.80	0.32						
21,000-26,999	1.38	0.90	0.42					
27,000-32,999	1.97	1.49	1.01	0.53				
33,000-38,999	2.55	2.07	1.59	1.11	0.63			
39,000-44,999	3.14	2.66	2.18	1.70	1.22	0.74		
45,000-53,999	3.72	3.24	2.76	2.28	1.80	1.32	0.84	
54,000-64,999	4.89	4.41	3.93	3.45	2.97	2.49	2.01	1.05

16.0-16.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.28							
15,000-20,999	0.86	0.42						
21,000-26,999	1.45	1.00	0.56					
27,000-32,999	2.03	1.59	1.14	0.70				
33,000-38,999	2.62	2.17	1.73	1.28	0.84			
39,000-44,999	3.20	2.76	2.31	1.87	1.42	0.98		
45,000-53,999	3.79	3.34	2.90	2.45	2.01	1.56	1.12	
54,000-64,999	4.96	4.51	4.07	3.62	3.18	2.73	2.29	1.39
17.0-17.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.23							
15,000-20,999	0.82	0.35						
21,000-26,999	1.40	0.93	0.47					
27,000-32,999	1.99	1.52	1.05	0.58				
33,000-38,999	2.57	2.10	1.64	1.17	0.70			
39,000-44,999	3.16	2.69	2.22	1.75	1.28	0.82		
45,000-53,999	3.74	3.27	2.81	2.34	1.87	1.40	0.93	
54,000-64,999	4.91	4.44	3.98	3.51	3.04	2.57	2.10	1.17
18.0-20.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.29							
15,000-20,999	0.87	0.43						
21,000-26,999	1.46	1.01	0.57					
27,000-32,999	2.04	1.60	1.16	0.72				
33,000-38,999	2.63	2.18	1.74	1.30	0.86			
39,000-44,999	3.21	2.77	2.33	1.89	1.44	1.00		
45,000-53,999	3.80	3.35	2.91	2.47	2.03	1.59	1.15	
54,000-64,999	4.97	4.52	4.08	3.64	3.20	2.76	2.32	1.43

21.0-23.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.36							
15,000-20,999	0.95	0.54						
21,000-26,999	1.53	1.13	0.72					
27,000-32,999	2.12	1.71	1.31	0.90				
33,000-38,999	2.70	2.30	1.89	1.49	1.08			
39,000-44,999	3.29	2.88	2.48	2.07	1.67	1.27		
45,000-53,999	3.87	3.47	3.06	2.66	2.25	1.85	1.45	
54,000-64,999	5.04	4.64	4.23	3.83	3.42	3.02	2.62	1.81
24.0+ SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.42							
15,000-20,999	1.01	0.64						
21,000-26,999	1.59	1.22	0.85					
27,000-32,999	2.18	1.81	1.43	1.06				
33,000-38,999	2.76	2.39	2.02	1.65	1.27			
39,000-44,999	3.35	2.98	2.60	2.23	1.86	1.49		
45,000-53,999	3.93	3.56	3.19	2.82	2.44	2.07	1.70	
54,000-64,999	5.10	4.73	4.36	3.99	3.61	3.24	2.87	2.12

Table 428: Central Summer Demand Savings for 10.0 SEER Early Retirement Baseline—Zone 3

14.5-14.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.46							
15,000-20,999	1.19	0.69						
21,000-26,999	1.91	1.41	0.91					
27,000-32,999	2.64	2.14	1.64	1.14				
33,000-38,999	3.37	2.87	2.37	1.87	1.37			
39,000-44,999	4.10	3.60	3.10	2.60	2.10	1.60		
45,000-53,999	4.82	4.32	3.83	3.33	2.83	2.33	1.83	
54,000-64,999	6.28	5.78	5.28	4.78	4.28	3.78	3.29	2.29
15.0-15.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.50							
15,000-20,999	1.22	0.74						
21,000-26,999	1.95	1.47	0.99					
27,000-32,999	2.68	2.20	1.72	1.24				
33,000-38,999	3.41	2.93	2.45	1.97	1.49			
39,000-44,999	4.13	3.65	3.17	2.69	2.22	1.74		
45,000-53,999	4.86	4.38	3.90	3.42	2.94	2.46	1.98	
54,000-64,999	6.32	5.84	5.36	4.88	4.40	3.92	3.44	2.48

16.0-16.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.56							
15,000-20,999	1.29	0.85						
21,000-26,999	2.02	1.57	1.13					
27,000-32,999	2.75	2.30	1.86	1.41				
33,000-38,999	3.48	3.03	2.58	2.14	1.69			
39,000-44,999	4.20	3.76	3.31	2.87	2.42	1.98		
45,000-53,999	4.93	4.49	4.04	3.59	3.15	2.70	2.26	
54,000-64,999	6.39	5.94	5.50	5.05	4.60	4.16	3.71	2.82
17.0-17.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.52							
15,000-20,999	1.25	0.78						
21,000-26,999	1.97	1.51	1.04					
27,000-32,999	2.70	2.23	1.76	1.30				
33,000-38,999	3.43	2.96	2.49	2.02	1.56			
39,000-44,999	4.16	3.69	3.22	2.75	2.28	1.81		
45,000-53,999	4.88	4.42	3.95	3.48	3.01	2.54	2.07	
54,000-64,999	6.34	5.87	5.40	4.93	4.47	4.00	3.53	2.59
18.0-20.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.57							
15,000-20,999	1.30	0.86						
21,000-26,999	2.03	1.59	1.14					
27,000-32,999	2.76	2.31	1.87	1.43				
33,000-38,999	3.48	3.04	2.60	2.16	1.72			
39,000-44,999	4.21	3.77	3.33	2.89	2.44	2.00		
45,000-53,999	4.94	4.50	4.05	3.61	3.17	2.73	2.29	
54,000-64,999	6.39	5.95	5.51	5.07	4.63	4.19	3.74	2.86

21.0-23.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.65							
15,000-20,999	1.37	0.97						
21,000-26,999	2.10	1.70	1.29					
27,000-32,999	2.83	2.43	2.02	1.62				
33,000-38,999	3.56	3.15	2.75	2.35	1.94			
39,000-44,999	4.29	3.88	3.48	3.07	2.67	2.26		
45,000-53,999	5.01	4.61	4.21	3.80	3.40	2.99	2.59	
54,000-64,999	6.47	6.06	5.66	5.26	4.85	4.45	4.04	3.24
24.0+ SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.71							
15,000-20,999	1.44	1.07						
21,000-26,999	2.17	1.79	1.42					
27,000-32,999	2.89	2.52	2.15	1.78				
33,000-38,999	3.62	3.25	2.88	2.50	2.13			
39,000-44,999	4.35	3.98	3.60	3.23	2.86	2.49		
45,000-53,999	5.08	4.70	4.33	3.96	3.59	3.21	2.84	
54,000-64,999	6.53	6.16	5.79	5.41	5.04	4.67	4.30	3.55

**Climate Zone 4: Valley Region, Corpus Christi**

**Cooling, New Construction**

Table 429: Central Summer Demand Savings for 14.0 SEER Baseline—Zone 4

Size (Btuh)	SEER Range						
	14.5–14.9	15.0–15.9	16.0–16.9	17.0–17.9*	18.0–20.9	21.0–23.9	24.0+
< 15,000	0.03	0.06	0.12	0.15	0.19	0.27	0.33
15,000-20,999	0.05	0.09	0.17	0.22	0.28	0.40	0.49
21,000-26,999	0.06	0.12	0.23	0.30	0.37	0.53	0.66
27,000-32,999	0.08	0.16	0.29	0.37	0.46	0.66	0.82
33,000-38,999	0.10	0.19	0.35	0.45	0.56	0.80	0.98
39,000-44,999	0.11	0.22	0.41	0.52	0.65	0.93	1.15
45,000-53,999	0.13	0.25	0.46	0.60	0.74	1.06	1.31
54,000-64,999	0.16	0.31	0.58	0.75	0.93	1.33	1.64

**Cooling, Replace-on-Burnout**

Table 430: Central Summer Demand Savings for 13.08 SEER Baseline—Zone 4

14.5-14.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.09							
15,000-20,999	0.52	0.13						
21,000-26,999	0.96	0.57	0.18					
27,000-32,999	1.39	1.00	0.61	0.22				
33,000-38,999	1.83	1.44	1.05	0.66	0.27			
39,000-44,999	2.26	1.87	1.48	1.09	0.70	0.31		
45,000-53,999	2.70	2.31	1.92	1.53	1.14	0.75	0.36	
54,000-64,999	3.57	3.18	2.79	2.40	2.01	1.62	1.23	0.45

15.0-15.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.12							
15,000-20,999	0.55	0.18						
21,000-26,999	0.99	0.61	0.24					
27,000-32,999	1.42	1.05	0.67	0.30				
33,000-38,999	1.86	1.48	1.11	0.73	0.36			
39,000-44,999	2.29	1.92	1.54	1.17	0.79	0.42		
45,000-53,999	2.73	2.35	1.98	1.60	1.23	0.85	0.48	
54,000-64,999	3.60	3.22	2.85	2.47	2.10	1.72	1.35	0.60
16.0-16.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.17							
15,000-20,999	0.61	0.26						
21,000-26,999	1.04	0.69	0.35					
27,000-32,999	1.48	1.13	0.78	0.43				
33,000-38,999	1.91	1.56	1.22	0.87	0.52			
39,000-44,999	2.35	2.00	1.65	1.30	0.95	0.61		
45,000-53,999	2.78	2.43	2.09	1.74	1.39	1.04	0.69	
54,000-64,999	3.65	3.30	2.96	2.61	2.26	1.91	1.56	0.87
17.0-17.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.21							
15,000-20,999	0.64	0.31						
21,000-26,999	1.08	0.74	0.41					
27,000-32,999	1.51	1.18	0.85	0.52				
33,000-38,999	1.95	1.61	1.28	0.95	0.62			
39,000-44,999	2.38	2.05	1.72	1.39	1.05	0.72		
45,000-53,999	2.82	2.48	2.15	1.82	1.49	1.16	0.83	
54,000-64,999	3.68	3.35	3.02	2.69	2.36	2.03	1.70	1.03

18.0-20.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.24							
15,000-20,999	0.68	0.36						
21,000-26,999	1.11	0.80	0.48					
27,000-32,999	1.55	1.23	0.92	0.61				
33,000-38,999	1.98	1.67	1.35	1.04	0.73			
39,000-44,999	2.42	2.10	1.79	1.48	1.16	0.85		
45,000-53,999	2.85	2.54	2.22	1.91	1.60	1.28	0.97	
54,000-64,999	3.72	3.41	3.09	2.78	2.47	2.15	1.84	1.21
21.0-23.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.32							
15,000-20,999	0.76	0.48						
21,000-26,999	1.19	0.92	0.65					
27,000-32,999	1.63	1.35	1.08	0.81				
33,000-38,999	2.06	1.79	1.52	1.24	0.97			
39,000-44,999	2.50	2.22	1.95	1.68	1.40	1.13		
45,000-53,999	2.93	2.66	2.38	2.11	1.84	1.56	1.29	
54,000-64,999	3.80	3.53	3.25	2.98	2.71	2.43	2.16	1.61
24.0+ SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.39							
15,000-20,999	0.82	0.58						
21,000-26,999	1.25	1.01	0.77					
27,000-32,999	1.69	1.45	1.21	0.96				
33,000-38,999	2.12	1.88	1.64	1.40	1.16			
39,000-44,999	2.56	2.32	2.07	1.83	1.59	1.35		
45,000-53,999	2.99	2.75	2.51	2.27	2.02	1.78	1.54	
54,000-64,999	3.86	3.62	3.38	3.14	2.89	2.65	2.41	1.93

**Cooling, Early Retirement**

**Table 431: Central Summer Demand Savings for 12.44 SEER Baseline—Zone 4**

14.5-14.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.13							
15,000-20,999	0.59	0.20						
21,000-26,999	1.05	0.66	0.27					
27,000-32,999	1.51	1.12	0.73	0.34				
33,000-38,999	1.96	1.57	1.18	0.79	0.40			
39,000-44,999	2.42	2.03	1.64	1.25	0.86	0.47		
45,000-53,999	2.88	2.49	2.10	1.71	1.32	0.93	0.54	
54,000-64,999	3.79	3.40	3.01	2.62	2.23	1.84	1.45	0.67
15.0-15.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.16							
15,000-20,999	0.62	0.25						
21,000-26,999	1.08	0.70	0.33					
27,000-32,999	1.54	1.16	0.79	0.41				
33,000-38,999	1.99	1.62	1.24	0.87	0.49			
39,000-44,999	2.45	2.08	1.70	1.33	0.95	0.58		
45,000-53,999	2.91	2.53	2.16	1.78	1.41	1.03	0.66	
54,000-64,999	3.82	3.45	3.07	2.70	2.32	1.95	1.57	0.82

16.0-16.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.22							
15,000-20,999	0.68	0.33						
21,000-26,999	1.13	0.78	0.44					
27,000-32,999	1.59	1.24	0.89	0.54				
33,000-38,999	2.05	1.70	1.35	1.00	0.65			
39,000-44,999	2.50	2.16	1.81	1.46	1.11	0.76		
45,000-53,999	2.96	2.61	2.26	1.92	1.57	1.22	0.87	
54,000-64,999	3.88	3.53	3.18	2.83	2.48	2.13	1.79	1.09
17.0-17.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.25							
15,000-20,999	0.71	0.38						
21,000-26,999	1.17	0.83	0.50					
27,000-32,999	1.62	1.29	0.96	0.63				
33,000-38,999	2.08	1.75	1.42	1.09	0.75			
39,000-44,999	2.54	2.21	1.87	1.54	1.21	0.88		
45,000-53,999	2.99	2.66	2.33	2.00	1.67	1.34	1.01	
54,000-64,999	3.91	3.58	3.25	2.91	2.58	2.25	1.92	1.26
18.0-20.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.29							
15,000-20,999	0.74	0.43						
21,000-26,999	1.20	0.89	0.57					
27,000-32,999	1.66	1.34	1.03	0.72				
33,000-38,999	2.12	1.80	1.49	1.17	0.86			
39,000-44,999	2.57	2.26	1.95	1.63	1.32	1.00		
45,000-53,999	3.03	2.72	2.40	2.09	1.78	1.46	1.15	
54,000-64,999	3.94	3.63	3.32	3.00	2.69	2.38	2.06	1.44

21.0-23.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.37							
15,000-20,999	0.82	0.55						
21,000-26,999	1.28	1.01	0.74					
27,000-32,999	1.74	1.47	1.19	0.92				
33,000-38,999	2.20	1.92	1.65	1.38	1.10			
39,000-44,999	2.65	2.38	2.11	1.83	1.56	1.29		
45,000-53,999	3.11	2.84	2.56	2.29	2.02	1.74	1.47	
54,000-64,999	4.02	3.75	3.48	3.20	2.93	2.66	2.38	1.84
24.0+ SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.43							
15,000-20,999	0.89	0.64						
21,000-26,999	1.34	1.10	0.86					
27,000-32,999	1.80	1.56	1.32	1.07				
33,000-38,999	2.26	2.02	1.77	1.53	1.29			
39,000-44,999	2.72	2.47	2.23	1.99	1.75	1.50		
45,000-53,999	3.17	2.93	2.69	2.45	2.20	1.96	1.72	
54,000-64,999	4.09	3.84	3.60	3.36	3.12	2.88	2.63	2.15

Table 432: Central Summer Demand Savings for 10.0 SEER Early Retirement Baseline—Zone 4

14.5-14.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.36							
15,000-20,999	0.93	0.54						
21,000-26,999	1.49	1.10	0.71					
27,000-32,999	2.06	1.67	1.28	0.89				
33,000-38,999	2.63	2.24	1.85	1.46	1.07			
39,000-44,999	3.20	2.81	2.42	2.03	1.64	1.25		
45,000-53,999	3.77	3.38	2.99	2.60	2.21	1.82	1.43	
54,000-64,999	4.91	4.52	4.13	3.74	3.35	2.96	2.57	1.79
15.0-15.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.39							
15,000-20,999	0.96	0.58						
21,000-26,999	1.52	1.15	0.77					
27,000-32,999	2.09	1.72	1.34	0.97				
33,000-38,999	2.66	2.29	1.91	1.54	1.16			
39,000-44,999	3.23	2.86	2.48	2.11	1.73	1.36		
45,000-53,999	3.80	3.42	3.05	2.67	2.30	1.92	1.55	
54,000-64,999	4.94	4.56	4.19	3.81	3.44	3.06	2.69	1.94

16.0-16.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.44							
15,000-20,999	1.01	0.66						
21,000-26,999	1.58	1.23	0.88					
27,000-32,999	2.15	1.80	1.45	1.10				
33,000-38,999	2.72	2.37	2.02	1.67	1.32			
39,000-44,999	3.28	2.94	2.59	2.24	1.89	1.54		
45,000-53,999	3.85	3.50	3.16	2.81	2.46	2.11	1.76	
54,000-64,999	4.99	4.64	4.29	3.95	3.60	3.25	2.90	2.21
17.0-17.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.47							
15,000-20,999	1.04	0.71						
21,000-26,999	1.61	1.28	0.95					
27,000-32,999	2.18	1.85	1.52	1.19				
33,000-38,999	2.75	2.42	2.09	1.75	1.42			
39,000-44,999	3.32	2.99	2.66	2.32	1.99	1.66		
45,000-53,999	3.89	3.56	3.22	2.89	2.56	2.23	1.90	
54,000-64,999	5.02	4.69	4.36	4.03	3.70	3.37	3.04	2.37
18.0-20.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.51							
15,000-20,999	1.08	0.77						
21,000-26,999	1.65	1.33	1.02					
27,000-32,999	2.22	1.90	1.59	1.28				
33,000-38,999	2.78	2.47	2.16	1.84	1.53			
39,000-44,999	3.35	3.04	2.73	2.41	2.10	1.79		
45,000-53,999	3.92	3.61	3.29	2.98	2.67	2.35	2.04	
54,000-64,999	5.06	4.75	4.43	4.12	3.81	3.49	3.18	2.55

21.0-23.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.59							
15,000-20,999	1.16	0.89						
21,000-26,999	1.73	1.45	1.18					
27,000-32,999	2.30	2.02	1.75	1.48				
33,000-38,999	2.87	2.59	2.32	2.05	1.77			
39,000-44,999	3.43	3.16	2.89	2.61	2.34	2.07		
45,000-53,999	4.00	3.73	3.46	3.18	2.91	2.64	2.36	
54,000-64,999	5.14	4.87	4.59	4.32	4.05	3.77	3.50	2.95
24.0+ SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.65							
15,000-20,999	1.22	0.98						
21,000-26,999	1.79	1.55	1.31					
27,000-32,999	2.36	2.12	1.87	1.63				
33,000-38,999	2.93	2.69	2.44	2.20	1.96			
39,000-44,999	3.50	3.25	3.01	2.77	2.53	2.29		
45,000-53,999	4.07	3.82	3.58	3.34	3.10	2.85	2.61	
54,000-64,999	5.20	4.96	4.72	4.48	4.23	3.99	3.75	3.26

**Climate Zone 5: West Region, El Paso**

**Cooling, New Construction**

Table 433: Central Summer Demand Savings for 14.0 SEER Baseline—Zone 5

Size (Btuh)	SEER Range						
	14.5–14.9	15.0–15.9	16.0–16.9	17.0–17.9*	18.0–20.9	21.0–23.9	24.0+
< 15,000	0.04	0.08	0.14	0.13	0.17	0.26	0.33
15,000-20,999	0.06	0.11	0.21	0.19	0.26	0.39	0.49
21,000-26,999	0.08	0.15	0.28	0.25	0.35	0.52	0.65
27,000-32,999	0.10	0.19	0.35	0.31	0.43	0.65	0.82
33,000-38,999	0.12	0.23	0.42	0.38	0.52	0.78	0.98
39,000-44,999	0.14	0.27	0.49	0.44	0.61	0.90	1.15
45,000-53,999	0.16	0.30	0.57	0.50	0.70	1.03	1.31
54,000-64,999	0.20	0.38	0.71	0.63	0.87	1.29	1.64

**Cooling, Replace-on-Burnout**

Table 434: Central Summer Demand Savings for 13.08 SEER Baseline—Zone 5

14.5-14.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.11							
15,000-20,999	0.64	0.16						
21,000-26,999	1.17	0.69	0.22					
27,000-32,999	1.70	1.22	0.75	0.27				
33,000-38,999	2.23	1.75	1.28	0.80	0.33			
39,000-44,999	2.76	2.28	1.81	1.33	0.86	0.38		
45,000-53,999	3.29	2.81	2.34	1.86	1.39	0.91	0.44	
54,000-64,999	4.35	3.87	3.40	2.92	2.45	1.97	1.50	0.55

15.0-15.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.15							
15,000-20,999	0.68	0.22						
21,000-26,999	1.20	0.75	0.29					
27,000-32,999	1.73	1.28	0.82	0.36				
33,000-38,999	2.26	1.81	1.35	0.89	0.44			
39,000-44,999	2.79	2.34	1.88	1.42	0.97	0.51		
45,000-53,999	3.32	2.87	2.41	1.95	1.50	1.04	0.58	
54,000-64,999	4.38	3.93	3.47	3.01	2.56	2.10	1.64	0.73
16.0-16.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.21							
15,000-20,999	0.74	0.32						
21,000-26,999	1.27	0.85	0.42					
27,000-32,999	1.80	1.38	0.95	0.53				
33,000-38,999	2.33	1.90	1.48	1.06	0.63			
39,000-44,999	2.86	2.43	2.01	1.59	1.16	0.74		
45,000-53,999	3.39	2.96	2.54	2.12	1.69	1.27	0.84	
54,000-64,999	4.45	4.02	3.60	3.17	2.75	2.33	1.90	1.05
17.0-17.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.20							
15,000-20,999	0.72	0.29						
21,000-26,999	1.25	0.82	0.39					
27,000-32,999	1.78	1.35	0.92	0.49				
33,000-38,999	2.31	1.88	1.45	1.02	0.59			
39,000-44,999	2.84	2.41	1.98	1.55	1.12	0.68		
45,000-53,999	3.37	2.94	2.51	2.08	1.65	1.21	0.78	
54,000-64,999	4.43	4.00	3.57	3.14	2.70	2.27	1.84	0.98

18.0-20.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.24							
15,000-20,999	0.77	0.37						
21,000-26,999	1.30	0.89	0.49					
27,000-32,999	1.83	1.42	1.02	0.61				
33,000-38,999	2.36	1.95	1.55	1.14	0.73			
39,000-44,999	2.89	2.48	2.08	1.67	1.26	0.85		
45,000-53,999	3.42	3.01	2.61	2.20	1.79	1.38	0.97	
54,000-64,999	4.48	4.07	3.66	3.26	2.85	2.44	2.03	1.22
21.0-23.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.33							
15,000-20,999	0.86	0.49						
21,000-26,999	1.39	1.02	0.66					
27,000-32,999	1.92	1.55	1.19	0.82				
33,000-38,999	2.45	2.08	1.72	1.35	0.98			
39,000-44,999	2.98	2.61	2.24	1.88	1.51	1.15		
45,000-53,999	3.51	3.14	2.77	2.41	2.04	1.68	1.31	
54,000-64,999	4.56	4.20	3.83	3.47	3.10	2.74	2.37	1.64
24.0+ SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.40							
15,000-20,999	0.93	0.60						
21,000-26,999	1.46	1.12	0.79					
27,000-32,999	1.99	1.65	1.32	0.99				
33,000-38,999	2.51	2.18	1.85	1.52	1.19			
39,000-44,999	3.04	2.71	2.38	2.05	1.72	1.39		
45,000-53,999	3.57	3.24	2.91	2.58	2.25	1.92	1.59	
54,000-64,999	4.63	4.30	3.97	3.64	3.31	2.98	2.65	1.98

***Cooling, Early Retirement***

**Table 435: Central Summer Demand Savings for 12.44 SEER Early Retirement Baseline—Zone 5**

14.5-14.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.16							
15,000-20,999	0.72	0.25						
21,000-26,999	1.28	0.80	0.33					
27,000-32,999	1.83	1.36	0.88	0.41				
33,000-38,999	2.39	1.92	1.44	0.97	0.49			
39,000-44,999	2.95	2.47	2.00	1.52	1.05	0.57		
45,000-53,999	3.50	3.03	2.55	2.08	1.60	1.13	0.65	
54,000-64,999	4.62	4.14	3.67	3.19	2.72	2.24	1.77	0.82
15.0-15.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.20							
15,000-20,999	0.76	0.30						
21,000-26,999	1.31	0.86	0.40					
27,000-32,999	1.87	1.41	0.96	0.50				
33,000-38,999	2.43	1.97	1.51	1.06	0.60			
39,000-44,999	2.98	2.53	2.07	1.61	1.16	0.70		
45,000-53,999	3.54	3.08	2.63	2.17	1.71	1.26	0.80	
54,000-64,999	4.65	4.20	3.74	3.28	2.83	2.37	1.91	1.00

16.0-16.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.27							
15,000-20,999	0.82	0.40						
21,000-26,999	1.38	0.95	0.53					
27,000-32,999	1.94	1.51	1.09	0.66				
33,000-38,999	2.49	2.07	1.64	1.22	0.80			
39,000-44,999	3.05	2.63	2.20	1.78	1.35	0.93		
45,000-53,999	3.61	3.18	2.76	2.33	1.91	1.49	1.06	
54,000-64,999	4.72	4.30	3.87	3.45	3.02	2.60	2.18	1.33
17.0-17.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.25							
15,000-20,999	0.81	0.37						
21,000-26,999	1.36	0.93	0.50					
27,000-32,999	1.92	1.49	1.06	0.62				
33,000-38,999	2.48	2.05	1.61	1.18	0.75			
39,000-44,999	3.03	2.60	2.17	1.74	1.31	0.87		
45,000-53,999	3.59	3.16	2.73	2.30	1.86	1.43	1.00	
54,000-64,999	4.70	4.27	3.84	3.41	2.98	2.55	2.11	1.25
18.0-20.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.30							
15,000-20,999	0.85	0.45						
21,000-26,999	1.41	1.00	0.60					
27,000-32,999	1.97	1.56	1.15	0.75				
33,000-38,999	2.53	2.12	1.71	1.30	0.89			
39,000-44,999	3.08	2.67	2.27	1.86	1.45	1.04		
45,000-53,999	3.64	3.23	2.82	2.42	2.01	1.60	1.19	
54,000-64,999	4.75	4.34	3.94	3.53	3.12	2.71	2.31	1.49

21.0-23.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.38							
15,000-20,999	0.94	0.57						
21,000-26,999	1.50	1.13	0.77					
27,000-32,999	2.05	1.69	1.32	0.96				
33,000-38,999	2.61	2.24	1.88	1.51	1.15			
39,000-44,999	3.17	2.80	2.44	2.07	1.70	1.34		
45,000-53,999	3.72	3.36	2.99	2.63	2.26	1.90	1.53	
54,000-64,999	4.84	4.47	4.11	3.74	3.37	3.01	2.64	1.91
24.0+ SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.45							
15,000-20,999	1.01	0.68						
21,000-26,999	1.56	1.23	0.90					
27,000-32,999	2.12	1.79	1.46	1.13				
33,000-38,999	2.68	2.35	2.02	1.69	1.35			
39,000-44,999	3.24	2.90	2.57	2.24	1.91	1.58		
45,000-53,999	3.79	3.46	3.13	2.80	2.47	2.14	1.81	
54,000-64,999	4.91	4.57	4.24	3.91	3.58	3.25	2.92	2.26

Table 436: Central Summer Demand Savings for 10.0 SEER Early Retirement Baseline—Zone 5

14.5-14.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.44							
15,000-20,999	1.13	0.65						
21,000-26,999	1.82	1.35	0.87					
27,000-32,999	2.51	2.04	1.56	1.09				
33,000-38,999	3.21	2.73	2.26	1.78	1.31			
39,000-44,999	3.90	3.42	2.95	2.47	2.00	1.52		
45,000-53,999	4.59	4.12	3.64	3.17	2.69	2.22	1.74	
54,000-64,999	5.98	5.50	5.03	4.55	4.08	3.60	3.13	2.18
15.0-15.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.47							
15,000-20,999	1.16	0.71						
21,000-26,999	1.86	1.40	0.94					
27,000-32,999	2.55	2.09	1.64	1.18				
33,000-38,999	3.24	2.79	2.33	1.87	1.42			
39,000-44,999	3.93	3.48	3.02	2.56	2.11	1.65		
45,000-53,999	4.63	4.17	3.71	3.26	2.80	2.34	1.89	
54,000-64,999	6.01	5.56	5.10	4.64	4.19	3.73	3.27	2.36

16.0-16.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.54							
15,000-20,999	1.23	0.81						
21,000-26,999	1.92	1.50	1.07					
27,000-32,999	2.61	2.19	1.77	1.34				
33,000-38,999	3.31	2.88	2.46	2.04	1.61			
39,000-44,999	4.00	3.58	3.15	2.73	2.30	1.88		
45,000-53,999	4.69	4.27	3.84	3.42	3.00	2.57	2.15	
54,000-64,999	6.08	5.65	5.23	4.81	4.38	3.96	3.53	2.69
17.0-17.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.52							
15,000-20,999	1.21	0.78						
21,000-26,999	1.91	1.48	1.04					
27,000-32,999	2.60	2.17	1.74	1.30				
33,000-38,999	3.29	2.86	2.43	2.00	1.56			
39,000-44,999	3.98	3.55	3.12	2.69	2.26	1.83		
45,000-53,999	4.68	4.25	3.81	3.38	2.95	2.52	2.09	
54,000-64,999	6.06	5.63	5.20	4.77	4.34	3.90	3.47	2.61
18.0-20.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.57							
15,000-20,999	1.26	0.85						
21,000-26,999	1.95	1.55	1.14					
27,000-32,999	2.65	2.24	1.83	1.42				
33,000-38,999	3.34	2.93	2.52	2.12	1.71			
39,000-44,999	4.03	3.62	3.22	2.81	2.40	1.99		
45,000-53,999	4.73	4.32	3.91	3.50	3.09	2.69	2.28	
54,000-64,999	6.11	5.70	5.30	4.89	4.48	4.07	3.66	2.85

21.0-23.9 SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.65							
15,000-20,999	1.35	0.98						
21,000-26,999	2.04	1.67	1.31					
27,000-32,999	2.73	2.37	2.00	1.64				
33,000-38,999	3.42	3.06	2.69	2.33	1.96			
39,000-44,999	4.12	3.75	3.39	3.02	2.66	2.29		
45,000-53,999	4.81	4.44	4.08	3.71	3.35	2.98	2.62	
54,000-64,999	6.20	5.83	5.46	5.10	4.73	4.37	4.00	3.27
24.0+ SEER								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.72							
15,000-20,999	1.42	1.08						
21,000-26,999	2.11	1.78	1.45					
27,000-32,999	2.80	2.47	2.14	1.81				
33,000-38,999	3.49	3.16	2.83	2.50	2.17			
39,000-44,999	4.19	3.85	3.52	3.19	2.86	2.53		
45,000-53,999	4.88	4.55	4.22	3.89	3.55	3.22	2.89	
54,000-64,999	6.26	5.93	5.60	5.27	4.94	4.61	4.28	3.62

## Deemed Winter Demand Savings Tables<sup>500</sup>

Table 437 through Table 456 present the winter demand savings (kW) for all five Texas climate zones. In each table, the capacity of the efficient unit is represented in the columns and the capacity of the existing unit is represented in the rows. The savings are in the intersection of the appropriate efficient and existing capacities. Replacements where there has been to change in capacity are highlighted in light blue.

The rightsizing savings specified in the tables below are only applicable to replace-on-burnout and early retirement projects. New construction projects are not eligible to receive deemed savings for system rightsizing.<sup>501</sup>

### Climate Zone 1: Panhandle Region, Amarillo

#### Heating, New Construction/Replace-on-Burnout

Table 437: Central Winter Demand Savings for 8.2 HSPF Baseline—Zone 1

8.5-8.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.06							
15,000-20,999	0.72	0.08						
21,000-26,999	1.39	0.75	0.11					
27,000-32,999	2.06	1.42	0.78	0.14				
33,000-38,999	2.72	2.08	1.44	0.80	0.17			
39,000-44,999	3.39	2.75	2.11	1.47	0.83	0.19		
45,000-53,999	4.06	3.42	2.78	2.14	1.50	0.86	0.22	
54,000-64,999	5.39	4.75	4.11	3.47	2.83	2.19	1.55	0.28

<sup>500</sup> Rated capacity ranges are specified with a 5 percent tolerance in accordance with AHRI Standard 210/240 to account for systems that are rated slightly below the applicable nominal capacity. AHRI Standard 210/240, Table J1.

[http://www.ahrinet.org/App\\_Content/ahri/files/STANDARDS/AHRI/AHRI\\_Standard\\_210-240\\_2017.pdf](http://www.ahrinet.org/App_Content/ahri/files/STANDARDS/AHRI/AHRI_Standard_210-240_2017.pdf).

<sup>501</sup> For projects using a custom baseline see TRMv6.0 Volume 4.

9.0-9.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.12							
15,000-20,999	0.78	0.18						
21,000-26,999	1.45	0.84	0.24					
27,000-32,999	2.12	1.51	0.90	0.29				
33,000-38,999	2.79	2.18	1.57	0.96	0.35			
39,000-44,999	3.45	2.85	2.24	1.63	1.02	0.41		
45,000-53,999	4.12	3.51	2.90	2.30	1.69	1.08	0.47	
54,000-64,999	5.46	4.85	4.24	3.63	3.02	2.41	1.81	0.59
9.5-9.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.15							
15,000-20,999	0.82	0.23						
21,000-26,999	1.48	0.89	0.30					
27,000-32,999	2.15	1.56	0.97	0.38				
33,000-38,999	2.82	2.23	1.63	1.04	0.45			
39,000-44,999	3.49	2.89	2.30	1.71	1.12	0.53		
45,000-53,999	4.15	3.56	2.97	2.38	1.79	1.19	0.60	
54,000-64,999	5.49	4.90	4.30	3.71	3.12	2.53	1.94	0.75
10.0-10.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.16							
15,000-20,999	0.83	0.24						
21,000-26,999	1.50	0.91	0.32					
27,000-32,999	2.16	1.58	0.99	0.41				
33,000-38,999	2.83	2.25	1.66	1.07	0.49			
39,000-44,999	3.50	2.91	2.33	1.74	1.15	0.57		
45,000-53,999	4.17	3.58	2.99	2.41	1.82	1.24	0.65	
54,000-64,999	5.50	4.91	4.33	3.74	3.16	2.57	1.98	0.81

10.5-10.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.17							
15,000-20,999	0.84	0.26						
21,000-26,999	1.51	0.93	0.35					
27,000-32,999	2.18	1.60	1.02	0.44				
33,000-38,999	2.84	2.26	1.68	1.10	0.52			
39,000-44,999	3.51	2.93	2.35	1.77	1.19	0.61		
45,000-53,999	4.18	3.60	3.02	2.44	1.86	1.28	0.70	
54,000-64,999	5.51	4.93	4.35	3.77	3.19	2.61	2.03	0.87
11.0-11.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.19							
15,000-20,999	0.85	0.28						
21,000-26,999	1.52	0.95	0.37					
27,000-32,999	2.19	1.61	1.04	0.46				
33,000-38,999	2.85	2.28	1.71	1.13	0.56			
39,000-44,999	3.52	2.95	2.37	1.80	1.22	0.65		
45,000-53,999	4.19	3.61	3.04	2.47	1.89	1.32	0.74	
54,000-64,999	5.52	4.95	4.37	3.80	3.23	2.65	2.08	0.93
11.5-11.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.20							
15,000-20,999	0.86	0.29						
21,000-26,999	1.53	0.96	0.39					
27,000-32,999	2.20	1.63	1.06	0.49				
33,000-38,999	2.87	2.30	1.73	1.16	0.59			
39,000-44,999	3.53	2.96	2.39	1.83	1.26	0.69		
45,000-53,999	4.20	3.63	3.06	2.49	1.92	1.35	0.79	
54,000-64,999	5.53	4.96	4.40	3.83	3.26	2.69	2.12	0.98

12.0+ HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.20							
15,000-20,999	0.87	0.30						
21,000-26,999	1.54	0.97	0.41					
27,000-32,999	2.20	1.64	1.07	0.51				
33,000-38,999	2.87	2.31	1.74	1.17	0.61			
39,000-44,999	3.54	2.97	2.41	1.84	1.28	0.71		
45,000-53,999	4.21	3.64	3.07	2.51	1.94	1.38	0.81	
54,000-64,999	5.54	4.97	4.41	3.84	3.28	2.71	2.15	1.01

Heating, Early Retirement of a Heat Pump

Table 438: Central Winter Demand Savings for 7.7 HSPF Baseline—Zone 1

8.5-8.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.13							
15,000-20,999	0.84	0.20						
21,000-26,999	1.55	0.91	0.27					
27,000-32,999	2.25	1.61	0.97	0.33				
33,000-38,999	2.96	2.32	1.68	1.04	0.40			
39,000-44,999	3.66	3.02	2.39	1.75	1.11	0.47		
45,000-53,999	4.37	3.73	3.09	2.45	1.81	1.17	0.53	
54,000-64,999	5.78	5.14	4.50	3.86	3.22	2.58	1.95	0.67

9.0-9.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.20							
15,000-20,999	0.90	0.29						
21,000-26,999	1.61	1.00	0.39					
27,000-32,999	2.31	1.71	1.10	0.49				
33,000-38,999	3.02	2.41	1.80	1.20	0.59			
39,000-44,999	3.73	3.12	2.51	1.90	1.29	0.69		
45,000-53,999	4.43	3.82	3.22	2.61	2.00	1.39	0.78	
54,000-64,999	5.85	5.24	4.63	4.02	3.41	2.80	2.20	0.98
9.5-9.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.23							
15,000-20,999	0.93	0.34						
21,000-26,999	1.64	1.05	0.46					
27,000-32,999	2.35	1.75	1.16	0.57				
33,000-38,999	3.05	2.46	1.87	1.28	0.68			
39,000-44,999	3.76	3.17	2.58	1.98	1.39	0.80		
45,000-53,999	4.47	3.87	3.28	2.69	2.10	1.51	0.91	
54,000-64,999	5.88	5.29	4.69	4.10	3.51	2.92	2.33	1.14
10.0-10.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.24							
15,000-20,999	0.95	0.36						
21,000-26,999	1.65	1.07	0.48					
27,000-32,999	2.36	1.77	1.19	0.60				
33,000-38,999	3.07	2.48	1.89	1.31	0.72			
39,000-44,999	3.77	3.19	2.60	2.01	1.43	0.84		
45,000-53,999	4.48	3.89	3.31	2.72	2.13	1.55	0.96	
54,000-64,999	5.89	5.30	4.72	4.13	3.55	2.96	2.37	1.20

10.5-10.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.25							
15,000-20,999	0.96	0.38						
21,000-26,999	1.66	1.08	0.50					
27,000-32,999	2.37	1.79	1.21	0.63				
33,000-38,999	3.08	2.50	1.92	1.34	0.76			
39,000-44,999	3.78	3.20	2.62	2.04	1.46	0.88		
45,000-53,999	4.49	3.91	3.33	2.75	2.17	1.59	1.01	
54,000-64,999	5.90	5.32	4.74	4.16	3.58	3.00	2.42	1.26
11.0-11.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.26							
15,000-20,999	0.97	0.40						
21,000-26,999	1.68	1.10	0.53					
27,000-32,999	2.38	1.81	1.23	0.66				
33,000-38,999	3.09	2.51	1.94	1.37	0.79			
39,000-44,999	3.79	3.22	2.65	2.07	1.50	0.92		
45,000-53,999	4.50	3.93	3.35	2.78	2.20	1.63	1.05	
54,000-64,999	5.91	5.34	4.76	4.19	3.62	3.04	2.47	1.32
11.5-11.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.27							
15,000-20,999	0.98	0.41						
21,000-26,999	1.69	1.12	0.55					
27,000-32,999	2.39	1.82	1.26	0.69				
33,000-38,999	3.10	2.53	1.96	1.39	0.82			
39,000-44,999	3.81	3.24	2.67	2.10	1.53	0.96		
45,000-53,999	4.51	3.94	3.37	2.81	2.24	1.67	1.10	
54,000-64,999	5.92	5.36	4.79	4.22	3.65	3.08	2.51	1.37

12.0+ HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.28							
15,000-20,999	0.99	0.42						
21,000-26,999	1.69	1.13	0.56					
27,000-32,999	2.40	1.83	1.27	0.70				
33,000-38,999	3.11	2.54	1.97	1.41	0.84			
39,000-44,999	3.81	3.25	2.68	2.11	1.55	0.98		
45,000-53,999	4.52	3.95	3.39	2.82	2.26	1.69	1.12	
54,000-64,999	5.93	5.36	4.80	4.23	3.67	3.10	2.54	1.40

Table 439: Central Winter Demand Savings for 6.8 HSPF Baseline—Zone 1

8.5-8.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.32							
15,000-20,999	1.12	0.48						
21,000-26,999	1.92	1.28	0.64					
27,000-32,999	2.72	2.08	1.44	0.80				
33,000-38,999	3.52	2.88	2.24	1.60	0.96			
39,000-44,999	4.32	3.68	3.04	2.40	1.76	1.12		
45,000-53,999	5.12	4.48	3.84	3.20	2.56	1.92	1.28	
54,000-64,999	6.72	6.08	5.44	4.80	4.16	3.52	2.88	1.60

9.0-9.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.38							
15,000-20,999	1.18	0.58						
21,000-26,999	1.98	1.38	0.77					
27,000-32,999	2.78	2.18	1.57	0.96				
33,000-38,999	3.58	2.98	2.37	1.76	1.15			
39,000-44,999	4.38	3.78	3.17	2.56	1.95	1.34		
45,000-53,999	5.18	4.58	3.97	3.36	2.75	2.14	1.53	
54,000-64,999	6.78	6.18	5.57	4.96	4.35	3.74	3.13	1.92
9.5-9.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.42							
15,000-20,999	1.22	0.62						
21,000-26,999	2.02	1.42	0.83					
27,000-32,999	2.82	2.22	1.63	1.04				
33,000-38,999	3.62	3.02	2.43	1.84	1.25			
39,000-44,999	4.42	3.82	3.23	2.64	2.05	1.46		
45,000-53,999	5.22	4.62	4.03	3.44	2.85	2.26	1.66	
54,000-64,999	6.82	6.22	5.63	5.04	4.45	3.86	3.26	2.08
10.0-10.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.43							
15,000-20,999	1.23	0.64						
21,000-26,999	2.03	1.44	0.86					
27,000-32,999	2.83	2.24	1.66	1.07				
33,000-38,999	3.63	3.04	2.46	1.87	1.28			
39,000-44,999	4.43	3.84	3.26	2.67	2.08	1.50		
45,000-53,999	5.23	4.64	4.06	3.47	2.88	2.30	1.71	
54,000-64,999	6.83	6.24	5.66	5.07	4.48	3.90	3.31	2.14

10.5-10.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.44							
15,000-20,999	1.24	0.66						
21,000-26,999	2.04	1.46	0.88					
27,000-32,999	2.84	2.26	1.68	1.10				
33,000-38,999	3.64	3.06	2.48	1.90	1.32			
39,000-44,999	4.44	3.86	3.28	2.70	2.12	1.54		
45,000-53,999	5.24	4.66	4.08	3.50	2.92	2.34	1.76	
54,000-64,999	6.84	6.26	5.68	5.10	4.52	3.94	3.36	2.20
11.0-11.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.45							
15,000-20,999	1.25	0.68						
21,000-26,999	2.05	1.48	0.90					
27,000-32,999	2.85	2.28	1.70	1.13				
33,000-38,999	3.65	3.08	2.50	1.93	1.35			
39,000-44,999	4.45	3.88	3.30	2.73	2.15	1.58		
45,000-53,999	5.25	4.68	4.10	3.53	2.95	2.38	1.80	
54,000-64,999	6.85	6.28	5.70	5.13	4.55	3.98	3.40	2.26
11.5-11.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.46							
15,000-20,999	1.26	0.69						
21,000-26,999	2.06	1.49	0.92					
27,000-32,999	2.86	2.29	1.72	1.16				
33,000-38,999	3.66	3.09	2.52	1.96	1.39			
39,000-44,999	4.46	3.89	3.32	2.76	2.19	1.62		
45,000-53,999	5.26	4.69	4.12	3.56	2.99	2.42	1.85	
54,000-64,999	6.86	6.29	5.72	5.16	4.59	4.02	3.45	2.31

12.0+ HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.47							
15,000-20,999	1.27	0.70						
21,000-26,999	2.07	1.50	0.94					
27,000-32,999	2.87	2.30	1.74	1.17				
33,000-38,999	3.67	3.10	2.54	1.97	1.41			
39,000-44,999	4.47	3.90	3.34	2.77	2.21	1.64		
45,000-53,999	5.27	4.70	4.14	3.57	3.01	2.44	1.87	
54,000-64,999	6.87	6.30	5.74	5.17	4.61	4.04	3.47	2.34

Heating, Early Retirement of an Electric Resistance Furnace

Table 440: Central Winter Demand Savings for 3.412 HSPF Baseline—Zone 1

8.5-8.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	1.52							
15,000-20,999	2.92	2.28						
21,000-26,999	4.32	3.68	3.04					
27,000-32,999	5.72	5.08	4.44	3.80				
33,000-38,999	7.12	6.48	5.84	5.20	4.56			
39,000-44,999	8.52	7.88	7.24	6.60	5.96	5.32		
45,000-53,999	9.91	9.27	8.63	8.00	7.36	6.72	6.08	
54,000-64,999	12.71	12.07	11.43	10.79	10.15	9.51	8.87	7.60

9.0-9.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	1.58							
15,000-20,999	2.98	2.37						
21,000-26,999	4.38	3.77	3.16					
27,000-32,999	5.78	5.17	4.56	3.95				
33,000-38,999	7.18	6.57	5.96	5.35	4.75			
39,000-44,999	8.58	7.97	7.36	6.75	6.14	5.54		
45,000-53,999	9.98	9.37	8.76	8.15	7.54	6.94	6.33	
54,000-64,999	12.78	12.17	11.56	10.95	10.34	9.73	9.13	7.91
9.5-9.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	1.61							
15,000-20,999	3.01	2.42						
21,000-26,999	4.41	3.82	3.23					
27,000-32,999	5.81	5.22	4.63	4.04				
33,000-38,999	7.21	6.62	6.03	5.43	4.84			
39,000-44,999	8.61	8.02	7.43	6.83	6.24	5.65		
45,000-53,999	10.01	9.42	8.83	8.23	7.64	7.05	6.46	
54,000-64,999	12.81	12.22	11.62	11.03	10.44	9.85	9.26	8.07
10.0-10.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	1.63							
15,000-20,999	3.03	2.44						
21,000-26,999	4.42	3.84	3.25					
27,000-32,999	5.82	5.24	4.65	4.07				
33,000-38,999	7.22	6.64	6.05	5.47	4.88			
39,000-44,999	8.62	8.04	7.45	6.86	6.28	5.69		
45,000-53,999	10.02	9.44	8.85	8.26	7.68	7.09	6.51	
54,000-64,999	12.82	12.23	11.65	11.06	10.48	9.89	9.30	8.13

10.5-10.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	1.64							
15,000-20,999	3.04	2.46						
21,000-26,999	4.44	3.86	3.28					
27,000-32,999	5.84	5.26	4.68	4.10				
33,000-38,999	7.23	6.65	6.07	5.49	4.91			
39,000-44,999	8.63	8.05	7.47	6.89	6.31	5.73		
45,000-53,999	10.03	9.45	8.87	8.29	7.71	7.13	6.55	
54,000-64,999	12.83	12.25	11.67	11.09	10.51	9.93	9.35	8.19
11.0-11.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	1.65							
15,000-20,999	3.05	2.47						
21,000-26,999	4.45	3.87	3.30					
27,000-32,999	5.85	5.27	4.70	4.12				
33,000-38,999	7.25	6.67	6.10	5.52	4.95			
39,000-44,999	8.65	8.07	7.50	6.92	6.35	5.77		
45,000-53,999	10.04	9.47	8.90	8.32	7.75	7.17	6.60	
54,000-64,999	12.84	12.27	11.69	11.12	10.55	9.97	9.40	8.25
11.5-11.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	1.66							
15,000-20,999	3.06	2.49						
21,000-26,999	4.46	3.89	3.32					
27,000-32,999	5.86	5.29	4.72	4.15				
33,000-38,999	7.26	6.69	6.12	5.55	4.98			
39,000-44,999	8.66	8.09	7.52	6.95	6.38	5.81		
45,000-53,999	10.06	9.49	8.92	8.35	7.78	7.21	6.64	
54,000-64,999	12.85	12.28	11.72	11.15	10.58	10.01	9.44	8.30

12.0+ HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	1.67							
15,000-20,999	3.07	2.50						
21,000-26,999	4.47	3.90	3.33					
27,000-32,999	5.86	5.30	4.73	4.17				
33,000-38,999	7.26	6.70	6.13	5.57	5.00			
39,000-44,999	8.66	8.10	7.53	6.97	6.40	5.83		
45,000-53,999	10.06	9.50	8.93	8.36	7.80	7.23	6.67	
54,000-64,999	12.86	12.29	11.73	11.16	10.60	10.03	9.47	8.33

**Climate Zone 2: North Region, Dallas/Fort Worth**

**Heating, New Construction/Replace-on-Burnout**

Table 441: Central Winter Demand Savings for 8.2 HSPF Baseline—Zone 2

8.5-8.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.06							
15,000-20,999	0.68	0.08						
21,000-26,999	1.30	0.70	0.11					
27,000-32,999	1.92	1.33	0.73	0.14				
33,000-38,999	2.54	1.95	1.35	0.76	0.17			
39,000-44,999	3.16	2.57	1.97	1.38	0.79	0.19		
45,000-53,999	3.78	3.19	2.60	2.00	1.41	0.82	0.22	
54,000-64,999	5.03	4.43	3.84	3.24	2.65	2.06	1.46	0.28

9.0-9.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.12							
15,000-20,999	0.74	0.18						
21,000-26,999	1.36	0.80	0.24					
27,000-32,999	1.98	1.42	0.86	0.30				
33,000-38,999	2.60	2.04	1.48	0.92	0.35			
39,000-44,999	3.22	2.66	2.10	1.54	0.98	0.41		
45,000-53,999	3.85	3.28	2.72	2.16	1.60	1.04	0.47	
54,000-64,999	5.09	4.53	3.96	3.40	2.84	2.28	1.72	0.59
9.5-9.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.15							
15,000-20,999	0.77	0.23						
21,000-26,999	1.39	0.85	0.30					
27,000-32,999	2.01	1.47	0.92	0.38				
33,000-38,999	2.64	2.09	1.54	1.00	0.45			
39,000-44,999	3.26	2.71	2.17	1.62	1.07	0.53		
45,000-53,999	3.88	3.33	2.79	2.24	1.70	1.15	0.60	
54,000-64,999	5.12	4.57	4.03	3.48	2.94	2.39	1.85	0.75
10.0-10.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.16							
15,000-20,999	0.78	0.24						
21,000-26,999	1.41	0.87	0.33					
27,000-32,999	2.03	1.49	0.95	0.41				
33,000-38,999	2.65	2.11	1.57	1.03	0.49			
39,000-44,999	3.27	2.73	2.19	1.65	1.11	0.57		
45,000-53,999	3.89	3.35	2.81	2.27	1.73	1.19	0.65	
54,000-64,999	5.13	4.59	4.05	3.51	2.97	2.44	1.90	0.82

10.5-10.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.18							
15,000-20,999	0.80	0.26						
21,000-26,999	1.42	0.88	0.35					
27,000-32,999	2.04	1.51	0.97	0.44				
33,000-38,999	2.66	2.13	1.59	1.06	0.53			
39,000-44,999	3.28	2.75	2.21	1.68	1.15	0.61		
45,000-53,999	3.90	3.37	2.84	2.30	1.77	1.23	0.70	
54,000-64,999	5.14	4.61	4.08	3.54	3.01	2.48	1.94	0.88
11.0-11.4 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.19							
15,000-20,999	0.81	0.28						
21,000-26,999	1.43	0.90	0.37					
27,000-32,999	2.05	1.52	0.99	0.47				
33,000-38,999	2.67	2.14	1.62	1.09	0.56			
39,000-44,999	3.29	2.76	2.24	1.71	1.18	0.65		
45,000-53,999	3.91	3.39	2.86	2.33	1.80	1.27	0.75	
54,000-64,999	5.16	4.63	4.10	3.57	3.04	2.52	1.99	0.93
11.5-11.9 HSPF								
Size (Btuh) Post	< 15,000	15,000-20,999	21,000-26,999	27,000-32,999	33,000-38,999	39,000-44,999	45,000-53,999	54,000-64,999
Size (Btuh) Pre								
< 15,000	0.20							
15,000-20,999	0.82	0.30						
21,000-26,999	1.44	0.92	0.39					
27,000-32,999	2.06	1.54	1.02	0.49				
33,000-38,999	2.68	2.16	1.64	1.11	0.59			
39,000-44,999	3.30	2.78	2.26	1.74	1.21	0.69		
45,000-53,999	3.92	3.40	2.88	2.36	1.83	1.31	0.79	
54,000-64,999	5.17	4.64	4.12	3.60	3.08	2.55	2.03	0.99