

EXISTING CONDITIONS: RESIDENTIAL - WITHOUT PV SYSTEM																											
Year	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	
Usage	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	
Rate \$/kWh	0.130	0.136	0.143	0.149	0.156	0.164	0.171	0.179	0.188	0.197	0.206	0.215	0.226	0.236	0.247	0.259	0.271	0.284	0.297	0.311	0.326	0.341	0.357	0.374	0.391	0.410	
Inflation rate	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	
Cost \$	780	817	855	895	937	981	1027	1076	1126	1179	1235	1293	1353	1417	1484	1553	1626	1703	1783	1867	1954	2046	2143	2243	2349	2459	
ALTERNATIVE CONDITIONS: RESIDENTIAL - WITH PV SYSTEM																											
Aging rate	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	
PV Produced	3767	3759	3752	3744	3737	3729	3722	3715	3707	3700	3692.3	3685	3678	3670	3663	3656	3648	3641	3634	3626	3619	3612	3605	3597	3590	3583	
Purchased	2233	2241	2248	2256	2263	2271	2278	2285	2293	2300	2307.7	2315	2322	2330	2337	2344	2352	2359	2366	2374	2381	2388	2395	2403	2410	2417	
Rate \$/kWh	0.130	0.136	0.143	0.149	0.156	0.164	0.171	0.179	0.188	0.197	0.206	0.215	0.226	0.236	0.247	0.259	0.271	0.284	0.297	0.311	0.326	0.341	0.357	0.374	0.391	0.410	
Cost \$	290	305	320	337	354	371	390	410	430	452	475	499	524	550	578	607	638	670	703	738	776	814	855	898	943	991	
O & M rate	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	
Inflation rate	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035		
O & M cost \$	105	109	112	116	120	125	129	134	138	143	148	153	159	164	170	176	182	188	195	202	209	216	224	232	240	248	
FINANCING: NO INCENTIVES; 100% OF INSTALLED COST IS BORROWED AT 6%/YR, INTEREST NOT DEDUCTABLE, NO DEPRECIATION, NO TAX CREDITS.																											
Principal	19500	19144	18767	18367	17943	17493	17017	16512	15977	15409	14808	14170	13494	12778	12019	11214	10361	9456	8498	7481	6404	5263	4052	2769	1410	0	
Int. Paym	1170	1149	1126	1102	1077	1050	1021	991	959	925	888	850	810	767	721	673	622	567	510	449	384	316	243	166	85		
Princ Paym	356	377	400	424	449	476	505	535	567	601	638	676	716	759	805	853	904	959	1016	1077	1142	1210	1283	1360	1410		
Total Paym	1526	1526	1526	1526	1526	1526	1526	1526	1526	1526	1526	1526	1526	1526	1526	1526	1526	1526	1526	1526	1526	1526	1526	1526	1526		
Tax Saving																											
FINANCING: 60% OF INSTALLED COST IS A TAXABLE GRANT; 0.35 x 0.6 x 19,500 + 0.4 x \$19,500 = \$11,895 IS BORROWED AT 6%/YR, INTEREST NOT DEDUCTABLE, NO DEPRECIATION																											
Principal	11895	11678	11447	11203	10944	10670	10379	10071	9744	9398	9031	8642	8229	7792	7328	6837	6316	5764	5179	4559	3901	3205	2466	1683	853	0	
Int. Paym	714	701	687	673	657	640	623	604	585	564	542	518	494	468	440	410	379	346	311	274	234	192	148	101	51		
Princ Paym	217	230	244	259	274	291	308	327	346	367	389	412	437	463	491	521	552	585	620	657	697	739	783	830	853		
Total Paym	931	931	931	931	931	931	931	931	931	931	931	931	931	931	931	931	931	931	931	931	931	931	931	931	931		
Tax Saving																											
EXISTING CONDITIONS: WITHOUT PV SYSTEM																											
Purchased electricity over 25 years																											
Levelized electricity over 25 years																											
Purchased electricity cost over 25 years																											
Note:	Past loan guarantees, low interest rate financing, grants, federal and state tax credits, tax effects of deductions from taxable income and not accounting for environmental, health, militaty (to protect resources), nuclear plant decommissioning and nuclear waste storage costs, have artificially reduced levelized costs of fossil and nuclear power.																										
	Proposed carbon and/or CO2 taxes, coal gasification and CO2 sequestration, etc., will increase future leveled costs of fossil power.																										
ALTERNATIVE CONDITIONS: WITH PV SYSTEM																											
No Incentives																											
No Incentives	95532	kWh																									
60% of Installed Cost is a Grant																											
60% of Installed Cost is a Grant	95532	kWh																									
Current Incentives:																											
Current Incentives:	\$ 19500	installed cost																									