

***Estimates for mean fatalities PER TURBINE
Sampling unit is TURBINE***

The NLMIXED Procedure

Additional Estimates								
Label	Estimate	Standard Error	DF	t Value	Pr > t 	Alpha	Lower	Upper
1) Mean AMKE/TURBINE/Day (Winter)	0.000284	0.000078	11E4	3.64	0.0003	0.1	0.000155	0.000412
2) Mean AMKE/TURBINE/Day (Spring)	0.000191	0.000051	11E4	3.73	0.0002	0.1	0.000107	0.000275
3) Mean AMKE/TURBINE/Day (Summer)	0.000138	0.000052	11E4	2.64	0.0083	0.1	0.000052	0.000223
4) Mean AMKE/TURBINE/Day (Autumn)	0.000349	0.000123	11E4	2.82	0.0047	0.1	0.000146	0.000552
5) Mean AMKE/TURBINE/Yr w/o Shutdown	0.08121	0.01305	11E4	6.22	<.0001	0.1	0.05974	0.1027
6) Shutdown Effect for AMKE	-0.8224	0.1170	11E4	-7.03	<.0001	0.1	-1.0149	-0.6299
7) MeanAMKE/TURBINE/Yr w/ 2-mo Shut	0.06722	0.01071	11E4	6.28	<.0001	0.1	0.04961	0.08483
8) 2-mo Shut.Effect on AMKE/TURBINE/Yr	-0.1723	0.04958	11E4	-3.47	0.0005	0.1	-0.2538	-0.09071
9) MeanAMKE/TURBINE/Yr w/ 3-mo Shut	0.06023	0.01027	11E4	5.86	<.0001	0.1	0.04333	0.07712
10) 3-mo Shut.Effect on AMKE/TURBINE/Yr	-0.2584	0.07437	11E4	-3.47	0.0005	0.1	-0.3807	-0.1361
11) MeanAMKE/TURBINE/Yr w/ 4-mo Shut	0.05243	0.009610	11E4	5.46	<.0001	0.1	0.03662	0.06824
12) 4-mo Shut.Effect on AMKE/TURBINE/Yr	-0.3544	0.08761	11E4	-4.05	<.0001	0.1	-0.4985	-0.2103
13) Mean BUOW/TURBINE/Day (Winter)	0.000414	0.000091	11E4	4.56	<.0001	0.1	0.000265	0.000563
14) Mean BUOW/TURBINE/Day (Spring)	0.000207	0.000051	11E4	4.07	<.0001	0.1	0.000124	0.000291
15) Mean BUOW/TURBINE/Day (Summer)	0.000245	0.000068	11E4	3.60	0.0003	0.1	0.000133	0.000357
16) Mean BUOW/TURBINE/Day (Autumn)	0.000508	0.000142	11E4	3.58	0.0003	0.1	0.000274	0.000742

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Label	Estimate	Standard Error	DF	t Value	Pr > t 	Alpha	Lower	Upper
17) Mean BUOW/TURBINE/Yr w/o Shutdown	0.1171	0.01609	11E4	7.28	<.0001	0.1	0.09063	0.1436
18) Shutdown Effect for BUOW	0.08685	0.3082	11E4	0.28	0.7781	0.1	-0.4201	0.5938
19) MeanBUOW/TURBINE/Yr w/ 2-mo Shut	0.1193	0.01365	11E4	8.74	<.0001	0.1	0.09681	0.1417
20) 2-mo Shut.Effect on BUOW/TURBINE/Yr	0.01843	0.06392	11E4	0.29	0.7731	0.1	-0.08671	0.1236
21) MeanBUOW/TURBINE/Yr w/ 3-mo Shut	0.1203	0.01379	11E4	8.72	<.0001	0.1	0.09765	0.1430
22) 3-mo Shut.Effect on BUOW/TURBINE/Yr	0.02764	0.09588	11E4	0.29	0.7731	0.1	-0.1301	0.1853
23) MeanBUOW/TURBINE/Yr w/ 4-mo Shut	0.1215	0.01511	11E4	8.04	<.0001	0.1	0.09668	0.1464
24) 4-mo Shut.Effect on BUOW/TURBINE/Yr	0.03790	0.1321	11E4	0.29	0.7742	0.1	-0.1794	0.2552
25) Mean GOEA/TURBINE/Day (Winter)	0.000016	9.468E-6	11E4	1.68	0.0921	0.1	3.739E-7	0.000032
26) Mean GOEA/TURBINE/Day (Spring)	0.000011	6.766E-6	11E4	1.68	0.0933	0.1	2.271E-7	0.000022
27) Mean GOEA/TURBINE/Day (Summer)	0.000037	0.000012	11E4	3.14	0.0017	0.1	0.000017	0.000056
28) Mean GOEA/TURBINE/Day (Autumn)	0.000057	0.000024	11E4	2.43	0.0151	0.1	0.000018	0.000096
29) Mean GOEA/TURBINE/Yr w/o Shutdown	0.009920	0.002235	11E4	4.44	<.0001	0.1	0.006244	0.01360
30) Shutdown Effect for GOEA	-0.6757	0.3802	11E4	-1.78	0.0755	0.1	-1.3011	-0.05041
31) MeanGOEA/TURBINE/Yr w/ 2-mo Shut	0.009273	0.001996	11E4	4.65	<.0001	0.1	0.005990	0.01256
32) 2-mo Shut.Effect on GOEA/TURBINE/Yr	-0.06518	0.05986	11E4	-1.09	0.2762	0.1	-0.1636	0.03328

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Label	Estimate	Standard Error	DF	t Value	Pr > t 	Alpha	Lower	Upper
33) MeanGOEA/TURBINE/Yr w/ 3-mo Shut	0.008950	0.001949	11E4	4.59	<.0001	0.1	0.005744	0.01216
34) 3-mo Shut.Effect on GOEA/TURBINE/Yr	-0.09777	0.08979	11E4	-1.09	0.2762	0.1	-0.2455	0.04992
35) MeanGOEA/TURBINE/Yr w/ 4-mo Shut	0.008208	0.001882	11E4	4.36	<.0001	0.1	0.005113	0.01130
36) 4-mo Shut.Effect on GOEA/TURBINE/Yr	-0.1726	0.1310	11E4	-1.32	0.1878	0.1	-0.3881	0.04292
37) Mean RTHA/TURBINE/Day (Winter)	0.000199	0.000035	11E4	5.71	<.0001	0.1	0.000142	0.000256
38) Mean RTHA/TURBINE/Day (Spring)	0.000144	0.000023	11E4	6.18	<.0001	0.1	0.000106	0.000182
39) Mean RTHA/TURBINE/Day (Summer)	0.000094	0.000018	11E4	5.08	<.0001	0.1	0.000064	0.000124
40) Mean RTHA/TURBINE/Day (Autumn)	0.000323	0.000055	11E4	5.88	<.0001	0.1	0.000232	0.000413
41) Mean RTHA/TURBINE/Yr w/o Shutdown	0.06158	0.005975	11E4	10.31	<.0001	0.1	0.05175	0.07140
42) Shutdown Effect for RTHA	-0.3180	0.1986	11E4	-1.60	0.1092	0.1	-0.6446	0.008577
43) MeanRTHA/TURBINE/Yr w/ 2-mo Shut	0.05778	0.004659	11E4	12.40	<.0001	0.1	0.05011	0.06544
44) 2-mo Shut.Effect on RTHA/TURBINE/Yr	-0.06169	0.04307	11E4	-1.43	0.1520	0.1	-0.1325	0.009153
45) MeanRTHA/TURBINE/Yr w/ 3-mo Shut	0.05588	0.004573	11E4	12.22	<.0001	0.1	0.04836	0.06340
46) 3-mo Shut.Effect on RTHA/TURBINE/Yr	-0.09253	0.06460	11E4	-1.43	0.1520	0.1	-0.1988	0.01373
47) MeanRTHA/TURBINE/Yr w/ 4-mo Shut	0.05339	0.004958	11E4	10.77	<.0001	0.1	0.04523	0.06155
48) 4-mo Shut.Effect on RTHA/TURBINE/Yr	-0.1330	0.08975	11E4	-1.48	0.1385	0.1	-0.2806	0.01467

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Label	Estimate	Standard Error	DF	t Value	Pr > t 	Alpha	Lower	Upper
49) Mean Subtotal(noBUOW)/TURBINE/Yr w/o Shutdown	0.1527	0.01453	11E4	10.51	<.0001	0.1	0.1288	0.1766
50) Mean Subtotal(noBUOW)/TURBINE/Yr w/ 2-mo Shut	0.1343	0.01184	11E4	11.34	<.0001	0.1	0.1148	0.1538
51) Mean Subtotal(noBUOW)/TURBINE/Yr w/ 3-mo Shut	0.1251	0.01141	11E4	10.96	<.0001	0.1	0.1063	0.1438
52) Mean Subtotal(noBUOW)/TURBINE/Yr w/ 4-mo Shut	0.1140	0.01098	11E4	10.39	<.0001	0.1	0.09597	0.1321
53) 2-mo Shut.Effect on Subtotal(noBUOW)/TURBINE/Yr	-0.1207	0.03224	11E4	-3.74	0.0002	0.1	-0.1738	-0.06769
54) 3-mo Shut.Effect on Subtotal(noBUOW)/TURBINE/Yr	-0.1811	0.04836	11E4	-3.74	0.0002	0.1	-0.2606	-0.1015
55) 4-mo Shut.Effect on Subtotal(noBUOW)/TURBINE/Yr	-0.2533	0.06038	11E4	-4.20	<.0001	0.1	-0.3526	-0.1540
56) Mean Total4/TURBINE/Yr w/o Shutdown	0.2698	0.02168	11E4	12.44	<.0001	0.1	0.2341	0.3055
57) Mean Total4/TURBINE/Yr w/ 2-mo Shut	0.2535	0.01807	11E4	14.03	<.0001	0.1	0.2238	0.2833
58) Mean Total4/TURBINE/Yr w/ 3-mo Shut	0.2454	0.01790	11E4	13.71	<.0001	0.1	0.2159	0.2748
59) Mean Total4/TURBINE/Yr w/ 4-mo Shut	0.2356	0.01868	11E4	12.61	<.0001	0.1	0.2048	0.2663
60) 2-mo Shut.Effect on Total4/TURBINE/Yr	-0.06033	0.03214	11E4	-1.88	0.0605	0.1	-0.1132	-0.00747
61) 3-mo Shut.Effect on Total4/TURBINE/Yr	-0.09050	0.04821	11E4	-1.88	0.0605	0.1	-0.1698	-0.01120
62) 4-mo Shut.Effect on Total4/TURBINE/Yr	-0.1269	0.06448	11E4	-1.97	0.0490	0.1	-0.2330	-0.02087

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Additional Estimates								
Label	Estimate	Standard Error	DF	t Value	Pr > t 	Alpha	Lower	Upper
1) Mean AMKE/TURBINE/Day (Winter)	0.000282	0.000078	14E3	3.63	0.0003	0.1	0.000154	0.000411
2) Mean AMKE/TURBINE/Day (Spring)	0.000191	0.000051	14E3	3.73	0.0002	0.1	0.000107	0.000275
3) Mean AMKE/TURBINE/Day (Summer)	0.000138	0.000052	14E3	2.64	0.0083	0.1	0.000052	0.000223
4) Mean AMKE/TURBINE/Day (Autumn)	0.000349	0.000123	14E3	2.82	0.0048	0.1	0.000146	0.000552
5) Mean AMKE/TURBINE/Yr w/o Shutdown	0.08107	0.01306	14E3	6.21	<.0001	0.1	0.05960	0.1025
6) Shutdown Effect for AMKE	-0.8183	0.1198	14E3	-6.83	<.0001	0.1	-1.0154	-0.6212
7) MeanAMKE/TURBINE/Yr w/ 2-mo Shut	0.06721	0.01070	14E3	6.28	<.0001	0.1	0.04960	0.08481
8) 2-mo Shut.Effect on AMKE/TURBINE/Yr	-0.1710	0.04994	14E3	-3.43	0.0006	0.1	-0.2532	-0.08890
9) MeanAMKE/TURBINE/Yr w/ 3-mo Shut	0.06027	0.01027	14E3	5.87	<.0001	0.1	0.04337	0.07717
10) 3-mo Shut.Effect on AMKE/TURBINE/Yr	-0.2566	0.07490	14E3	-3.43	0.0006	0.1	-0.3798	-0.1333
11) MeanAMKE/TURBINE/Yr w/ 4-mo Shut	0.05253	0.009628	14E3	5.46	<.0001	0.1	0.03669	0.06837
12) 4-mo Shut.Effect on AMKE/TURBINE/Yr	-0.3521	0.08847	14E3	-3.98	<.0001	0.1	-0.4976	-0.2066
13) Mean BUOW/TURBINE/Day (Winter)	0.000415	0.000091	14E3	4.57	<.0001	0.1	0.000265	0.000564
14) Mean BUOW/TURBINE/Day (Spring)	0.000207	0.000051	14E3	4.07	<.0001	0.1	0.000124	0.000291
15) Mean BUOW/TURBINE/Day (Summer)	0.000245	0.000068	14E3	3.60	0.0003	0.1	0.000133	0.000357
16) Mean BUOW/TURBINE/Day (Autumn)	0.000508	0.000142	14E3	3.58	0.0004	0.1	0.000274	0.000742

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Label	Estimate	Standard Error	DF	t Value	Pr > t 	Alpha	Lower	Upper
17) Mean BUOW/TURBINE/Yr w/o Shutdown	0.1172	0.01609	14E3	7.28	<.0001	0.1	0.09074	0.1437
18) Shutdown Effect for BUOW	0.08320	0.3068	14E3	0.27	0.7862	0.1	-0.4214	0.5878
19) MeanBUOW/TURBINE/Yr w/ 2-mo Shut	0.1193	0.01365	14E3	8.74	<.0001	0.1	0.09682	0.1417
20) 2-mo Shut.Effect on BUOW/TURBINE/Yr	0.01767	0.06374	14E3	0.28	0.7816	0.1	-0.08717	0.1225
21) MeanBUOW/TURBINE/Yr w/ 3-mo Shut	0.1203	0.01379	14E3	8.72	<.0001	0.1	0.09763	0.1430
22) 3-mo Shut.Effect on BUOW/TURBINE/Yr	0.02651	0.09560	14E3	0.28	0.7816	0.1	-0.1308	0.1838
23) MeanBUOW/TURBINE/Yr w/ 4-mo Shut	0.1215	0.01510	14E3	8.04	<.0001	0.1	0.09663	0.1463
24) 4-mo Shut.Effect on BUOW/TURBINE/Yr	0.03633	0.1317	14E3	0.28	0.7826	0.1	-0.1803	0.2530
25) Mean GOEA/TURBINE/Day (Winter)	0.000016	9.468E-6	14E3	1.68	0.0923	0.1	3.656E-7	0.000032
26) Mean GOEA/TURBINE/Day (Spring)	0.000011	6.766E-6	14E3	1.68	0.0933	0.1	2.26E-7	0.000022
27) Mean GOEA/TURBINE/Day (Summer)	0.000037	0.000012	14E3	3.14	0.0017	0.1	0.000017	0.000056
28) Mean GOEA/TURBINE/Day (Autumn)	0.000057	0.000024	14E3	2.43	0.0151	0.1	0.000018	0.000096
29) Mean GOEA/TURBINE/Yr w/o Shutdown	0.009919	0.002235	14E3	4.44	<.0001	0.1	0.006243	0.01359
30) Shutdown Effect for GOEA	-0.6750	0.3810	14E3	-1.77	0.0765	0.1	-1.3018	-0.04826
31) MeanGOEA/TURBINE/Yr w/ 2-mo Shut	0.009273	0.001996	14E3	4.65	<.0001	0.1	0.005989	0.01256
32) 2-mo Shut.Effect on GOEA/TURBINE/Yr	-0.06508	0.05990	14E3	-1.09	0.2772	0.1	-0.1636	0.03345

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Label	Estimate	Standard Error	DF	t Value	Pr > t 	Alpha	Lower	Upper
33) MeanGOEA/TURBINE/Yr w/ 3-mo Shut	0.008950	0.001949	14E3	4.59	<.0001	0.1	0.005744	0.01216
34) 3-mo Shut.Effect on GOEA/TURBINE/Yr	-0.09763	0.08985	14E3	-1.09	0.2772	0.1	-0.2454	0.05017
35) MeanGOEA/TURBINE/Yr w/ 4-mo Shut	0.008209	0.001882	14E3	4.36	<.0001	0.1	0.005114	0.01131
36) 4-mo Shut.Effect on GOEA/TURBINE/Yr	-0.1723	0.1312	14E3	-1.31	0.1889	0.1	-0.3881	0.04342
37) Mean RTHA/TURBINE/Day (Winter)	0.000199	0.000035	14E3	5.71	<.0001	0.1	0.000142	0.000256
38) Mean RTHA/TURBINE/Day (Spring)	0.000144	0.000023	14E3	6.18	<.0001	0.1	0.000105	0.000182
39) Mean RTHA/TURBINE/Day (Summer)	0.000094	0.000018	14E3	5.08	<.0001	0.1	0.000064	0.000124
40) Mean RTHA/TURBINE/Day (Autumn)	0.000323	0.000055	14E3	5.88	<.0001	0.1	0.000232	0.000413
41) Mean RTHA/TURBINE/Yr w/o Shutdown	0.06153	0.005970	14E3	10.31	<.0001	0.1	0.05171	0.07135
42) Shutdown Effect for RTHA	-0.3154	0.1989	14E3	-1.59	0.1128	0.1	-0.6426	0.01172
43) MeanRTHA/TURBINE/Yr w/ 2-mo Shut	0.05777	0.004658	14E3	12.40	<.0001	0.1	0.05011	0.06543
44) 2-mo Shut.Effect on RTHA/TURBINE/Yr	-0.06113	0.04305	14E3	-1.42	0.1557	0.1	-0.1320	0.009690
45) MeanRTHA/TURBINE/Yr w/ 3-mo Shut	0.05589	0.004572	14E3	12.22	<.0001	0.1	0.04837	0.06341
46) 3-mo Shut.Effect on RTHA/TURBINE/Yr	-0.09170	0.06458	14E3	-1.42	0.1557	0.1	-0.1979	0.01453
47) MeanRTHA/TURBINE/Yr w/ 4-mo Shut	0.05342	0.004958	14E3	10.77	<.0001	0.1	0.04526	0.06158
48) 4-mo Shut.Effect on RTHA/TURBINE/Yr	-0.1318	0.08978	14E3	-1.47	0.1421	0.1	-0.2795	0.01588

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Label	Estimate	Standard Error	DF	t Value	Pr > t 	Alpha	Lower	Upper
49) Mean Subtotal(noBUOW)/TURBINE/Yr w/o Shutdown	0.1525	0.01453	14E3	10.50	<.0001	0.1	0.1286	0.1764
50) Mean Subtotal(noBUOW)/TURBINE/Yr w/ 2-mo Shut	0.1342	0.01184	14E3	11.34	<.0001	0.1	0.1148	0.1537
51) Mean Subtotal(noBUOW)/TURBINE/Yr w/ 3-mo Shut	0.1251	0.01141	14E3	10.96	<.0001	0.1	0.1063	0.1439
52) Mean Subtotal(noBUOW)/TURBINE/Yr w/ 4-mo Shut	0.1142	0.01099	14E3	10.39	<.0001	0.1	0.09608	0.1322
53) 2-mo Shut.Effect on Subtotal(noBUOW)/TURBINE/Yr	-0.1198	0.03241	14E3	-3.70	0.0002	0.1	-0.1731	-0.06650
54) 3-mo Shut.Effect on Subtotal(noBUOW)/TURBINE/Yr	-0.1797	0.04861	14E3	-3.70	0.0002	0.1	-0.2597	-0.09976
55) 4-mo Shut.Effect on Subtotal(noBUOW)/TURBINE/Yr	-0.2515	0.06078	14E3	-4.14	<.0001	0.1	-0.3515	-0.1515
56) Mean Total4/TURBINE/Yr w/o Shutdown	0.2697	0.02168	14E3	12.44	<.0001	0.1	0.2341	0.3054
57) Mean Total4/TURBINE/Yr w/ 2-mo Shut	0.2535	0.01807	14E3	14.03	<.0001	0.1	0.2238	0.2833
58) Mean Total4/TURBINE/Yr w/ 3-mo Shut	0.2454	0.01790	14E3	13.71	<.0001	0.1	0.2160	0.2749
59) Mean Total4/TURBINE/Yr w/ 4-mo Shut	0.2356	0.01868	14E3	12.61	<.0001	0.1	0.2049	0.2664
60) 2-mo Shut.Effect on Total4/TURBINE/Yr	-0.06007	0.03217	14E3	-1.87	0.0619	0.1	-0.1130	-0.00715
61) 3-mo Shut.Effect on Total4/TURBINE/Yr	-0.09010	0.04825	14E3	-1.87	0.0619	0.1	-0.1695	-0.01073
62) 4-mo Shut.Effect on Total4/TURBINE/Yr	-0.1264	0.06454	14E3	-1.96	0.0501	0.1	-0.2326	-0.02028

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Additional Estimates								
Label	Estimate	Standard Error	DF	t Value	Pr > t 	Alpha	Lower	Upper
1) Mean AMKE/MW/Day (Winter)	0.002559	0.000698	11E4	3.67	0.0002	0.1	0.001411	0.003708
2) Mean AMKE/MW/Day (Spring)	0.001908	0.000511	11E4	3.73	0.0002	0.1	0.001068	0.002749
3) Mean AMKE/MW/Day (Summer)	0.001373	0.000519	11E4	2.64	0.0082	0.1	0.000519	0.002226
4) Mean AMKE/MW/Day (Autumn)	0.003419	0.001210	11E4	2.82	0.0047	0.1	0.001428	0.005410
5) Mean AMKE/MW/Yr w/o Shutdown	0.7793	0.1247	11E4	6.25	<.0001	0.1	0.5742	0.9843
6) Shutdown Effect for AMKE	-0.7929	0.1339	11E4	-5.92	<.0001	0.1	-1.0132	-0.5726
7) MeanAMKE/MW/Yr w/ 2-mo Shut	0.6575	0.1051	11E4	6.26	<.0001	0.1	0.4846	0.8304
8) 2-mo Shut.Effect on AMKE/MW/Yr	-0.1563	0.04845	11E4	-3.22	0.0013	0.1	-0.2360	-0.07656
9) MeanAMKE/MW/Yr w/ 3-mo Shut	0.5966	0.1018	11E4	5.86	<.0001	0.1	0.4292	0.7640
10) 3-mo Shut.Effect on AMKE/MW/Yr	-0.2344	0.07268	11E4	-3.22	0.0013	0.1	-0.3539	-0.1148
11) MeanAMKE/MW/Yr w/ 4-mo Shut	0.5255	0.09610	11E4	5.47	<.0001	0.1	0.3675	0.6836
12) 4-mo Shut.Effect on AMKE/MW/Yr	-0.3256	0.08761	11E4	-3.72	0.0002	0.1	-0.4697	-0.1815
13) Mean BUOW/MW/Day (Winter)	0.003702	0.000809	11E4	4.57	<.0001	0.1	0.002370	0.005033
14) Mean BUOW/MW/Day (Spring)	0.002029	0.000499	11E4	4.06	<.0001	0.1	0.001207	0.002850
15) Mean BUOW/MW/Day (Summer)	0.002412	0.000670	11E4	3.60	0.0003	0.1	0.001309	0.003514
16) Mean BUOW/MW/Day (Autumn)	0.004832	0.001357	11E4	3.56	0.0004	0.1	0.002600	0.007064
17) Mean BUOW/MW/Yr w/o Shutdown	1.1039	0.1533	11E4	7.20	<.0001	0.1	0.8518	1.3560

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***Estimates for mean fatalities PER MW
Sampling unit is TURBINE***

The NLMIXED Procedure

Additional Estimates								
Label	Estimate	Standard Error	DF	t Value	Pr > t 	Alpha	Lower	Upper
18) Shutdown Effect for BUOW	0.3135	0.3700	11E4	0.85	0.3968	0.1	-0.2951	0.9221
19) MeanBUOW/MW/Yr w/ 2-mo Shut	1.1735	0.1335	11E4	8.79	<.0001	0.1	0.9540	1.3930
20) 2-mo Shut.Effect on BUOW/MW/Yr	0.06307	0.06988	11E4	0.90	0.3667	0.1	-0.05187	0.1780
21) MeanBUOW/MW/Yr w/ 3-mo Shut	1.2083	0.1373	11E4	8.80	<.0001	0.1	0.9825	1.4342
22) 3-mo Shut.Effect on BUOW/MW/Yr	0.09461	0.1048	11E4	0.90	0.3667	0.1	-0.07780	0.2670
23) MeanBUOW/MW/Yr w/ 4-mo Shut	1.2485	0.1548	11E4	8.07	<.0001	0.1	0.9939	1.5030
24) 4-mo Shut.Effect on BUOW/MW/Yr	0.1310	0.1470	11E4	0.89	0.3730	0.1	-0.1108	0.3727
25) Mean GOEA/MW/Day (Winter)	0.000116	0.000081	11E4	1.44	0.1508	0.1	-0.00002	0.000250
26) Mean GOEA/MW/Day (Spring)	0.000102	0.000061	11E4	1.66	0.0965	0.1	1.068E-6	0.000203
27) Mean GOEA/MW/Day (Summer)	0.000361	0.000115	11E4	3.14	0.0017	0.1	0.000172	0.000550
28) Mean GOEA/MW/Day (Autumn)	0.000522	0.000218	11E4	2.40	0.0165	0.1	0.000164	0.000881
29) Mean GOEA/MW/Yr w/o Shutdown	0.09052	0.02209	11E4	4.10	<.0001	0.1	0.05419	0.1269
30) Shutdown Effect for GOEA	-0.2302	0.9091	11E4	-0.25	0.8001	0.1	-1.7255	1.2651
31) MeanGOEA/MW/Yr w/ 2-mo Shut	0.08891	0.01926	11E4	4.62	<.0001	0.1	0.05723	0.1206
32) 2-mo Shut.Effect on GOEA/MW/Yr	-0.01777	0.07702	11E4	-0.23	0.8176	0.1	-0.1445	0.1089
33) MeanGOEA/MW/Yr w/ 3-mo Shut	0.08811	0.01874	11E4	4.70	<.0001	0.1	0.05729	0.1189

***Estimates for mean fatalities PER MW
Sampling unit is TURBINE***

The NLMIXED Procedure

Additional Estimates								
Label	Estimate	Standard Error	DF	t Value	Pr > t 	Alpha	Lower	Upper
34) 3-mo Shut.Effect on GOEA/MW/Yr	-0.02665	0.1155	11E4	-0.23	0.8176	0.1	-0.2167	0.1634
35) MeanGOEA/MW/Yr w/ 4-mo Shut	0.08590	0.02020	11E4	4.25	<.0001	0.1	0.05268	0.1191
36) 4-mo Shut.Effect on GOEA/MW/Yr	-0.05102	0.2124	11E4	-0.24	0.8102	0.1	-0.4004	0.2984
37) Mean RTHA/MW/Day (Winter)	0.001715	0.000303	11E4	5.67	<.0001	0.1	0.001217	0.002212
38) Mean RTHA/MW/Day (Spring)	0.001355	0.000220	11E4	6.16	<.0001	0.1	0.000993	0.001718
39) Mean RTHA/MW/Day (Summer)	0.000934	0.000183	11E4	5.09	<.0001	0.1	0.000632	0.001235
40) Mean RTHA/MW/Day (Autumn)	0.003004	0.000513	11E4	5.86	<.0001	0.1	0.002161	0.003847
41) Mean RTHA/MW/Yr w/o Shutdown	0.5672	0.05548	11E4	10.22	<.0001	0.1	0.4759	0.6584
42) Shutdown Effect for RTHA	-0.06744	0.2555	11E4	-0.26	0.7918	0.1	-0.4877	0.3528
43) MeanRTHA/MW/Yr w/ 2-mo Shut	0.5602	0.04480	11E4	12.51	<.0001	0.1	0.4865	0.6339
44) 2-mo Shut.Effect on RTHA/MW/Yr	-0.01223	0.04719	11E4	-0.26	0.7954	0.1	-0.08985	0.06538
45) MeanRTHA/MW/Yr w/ 3-mo Shut	0.5567	0.04500	11E4	12.37	<.0001	0.1	0.4827	0.6308
46) 3-mo Shut.Effect on RTHA/MW/Yr	-0.01835	0.07078	11E4	-0.26	0.7954	0.1	-0.1348	0.09807
47) MeanRTHA/MW/Yr w/ 4-mo Shut	0.5520	0.05124	11E4	10.77	<.0001	0.1	0.4677	0.6363
48) 4-mo Shut.Effect on RTHA/MW/Yr	-0.02677	0.1027	11E4	-0.26	0.7943	0.1	-0.1957	0.1421
49) Mean Subtotal(noBUOW)/MW/Yr w/o Shutdown	1.4369	0.1382	11E4	10.40	<.0001	0.1	1.2096	1.6643

***Estimates for mean fatalities PER MW
Sampling unit is TURBINE***

The NLMIXED Procedure

Additional Estimates								
Label	Estimate	Standard Error	DF	t Value	Pr > t 	Alpha	Lower	Upper
50) Mean Subtotal(noBUOW)/MW/Yr w/ 2-mo Shut	1.3066	0.1159	11E4	11.28	<.0001	0.1	1.1161	1.4972
51) Mean Subtotal(noBUOW)/MW/Yr w/ 3-mo Shut	1.2415	0.1128	11E4	11.00	<.0001	0.1	1.0559	1.4271
52) Mean Subtotal(noBUOW)/MW/Yr w/ 4-mo Shut	1.1634	0.1108	11E4	10.50	<.0001	0.1	0.9812	1.3456
53) 2-mo Shut.Effect on Subtotal(noBUOW)/MW/Yr	-0.09069	0.03297	11E4	-2.75	0.0059	0.1	-0.1449	-0.03646
54) 3-mo Shut.Effect on Subtotal(noBUOW)/MW/Yr	-0.1360	0.04945	11E4	-2.75	0.0059	0.1	-0.2174	-0.05469
55) 4-mo Shut.Effect on Subtotal(noBUOW)/MW/Yr	-0.1904	0.06461	11E4	-2.95	0.0032	0.1	-0.2967	-0.08409
56) Mean Total4/MW/Yr w/o Shutdown	2.5408	0.2064	11E4	12.31	<.0001	0.1	2.2014	2.8803
57) Mean Total4/MW/Yr w/ 2-mo Shut	2.4801	0.1767	11E4	14.03	<.0001	0.1	2.1894	2.7709
58) Mean Total4/MW/Yr w/ 3-mo Shut	2.4498	0.1777	11E4	13.79	<.0001	0.1	2.1575	2.7421
59) Mean Total4/MW/Yr w/ 4-mo Shut	2.4118	0.1903	11E4	12.67	<.0001	0.1	2.0988	2.7249
60) 2-mo Shut.Effect on Total4/MW/Yr	-0.02389	0.03430	11E4	-0.70	0.4862	0.1	-0.08030	0.03253
61) 3-mo Shut.Effect on Total4/MW/Yr	-0.03583	0.05145	11E4	-0.70	0.4862	0.1	-0.1205	0.04880
62) 4-mo Shut.Effect on Total4/MW/Yr	-0.05077	0.07086	11E4	-0.72	0.4737	0.1	-0.1673	0.06579

***Estimates for mean fatalities PER MW
Sampling unit is STRING***

The NLMIXED Procedure

Additional Estimates								
Label	Estimate	Standard Error	DF	t Value	Pr > t 	Alpha	Lower	Upper
1) Mean AMKE/MW/Day (Winter)	0.002550	0.000697	14E3	3.66	0.0003	0.1	0.001403	0.003697
2) Mean AMKE/MW/Day (Spring)	0.001908	0.000511	14E3	3.73	0.0002	0.1	0.001067	0.002748
3) Mean AMKE/MW/Day (Summer)	0.001368	0.000517	14E3	2.64	0.0082	0.1	0.000517	0.002219
4) Mean AMKE/MW/Day (Autumn)	0.003418	0.001210	14E3	2.82	0.0047	0.1	0.001427	0.005409
5) Mean AMKE/MW/Yr w/o Shutdown	0.7777	0.1246	14E3	6.24	<.0001	0.1	0.5728	0.9826
6) Shutdown Effect for AMKE	-0.7890	0.1365	14E3	-5.78	<.0001	0.1	-1.0135	-0.5644
7) MeanAMKE/MW/Yr w/ 2-mo Shut	0.6570	0.1050	14E3	6.26	<.0001	0.1	0.4843	0.8297
8) 2-mo Shut.Effect on AMKE/MW/Yr	-0.1552	0.04874	14E3	-3.18	0.0015	0.1	-0.2354	-0.07505
9) MeanAMKE/MW/Yr w/ 3-mo Shut	0.5966	0.1017	14E3	5.87	<.0001	0.1	0.4294	0.7639
10) 3-mo Shut.Effect on AMKE/MW/Yr	-0.2328	0.07311	14E3	-3.18	0.0015	0.1	-0.3531	-0.1126
11) MeanAMKE/MW/Yr w/ 4-mo Shut	0.5260	0.09615	14E3	5.47	<.0001	0.1	0.3678	0.6842
12) 4-mo Shut.Effect on AMKE/MW/Yr	-0.3237	0.08834	14E3	-3.66	0.0002	0.1	-0.4690	-0.1783
13) Mean BUOW/MW/Day (Winter)	0.003873	0.000818	14E3	4.74	<.0001	0.1	0.002528	0.005218
14) Mean BUOW/MW/Day (Spring)	0.002053	0.000504	14E3	4.07	<.0001	0.1	0.001224	0.002881
15) Mean BUOW/MW/Day (Summer)	0.002426	0.000674	14E3	3.60	0.0003	0.1	0.001317	0.003534
16) Mean BUOW/MW/Day (Autumn)	0.004887	0.001369	14E3	3.57	0.0004	0.1	0.002635	0.007140
17) Mean BUOW/MW/Yr w/o Shutdown	1.1286	0.1531	14E3	7.37	<.0001	0.1	0.8766	1.3805

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**Estimates for mean fatalities PER MW
Sampling unit is STRING**

The NLMIXED Procedure

Additional Estimates								
Label	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
18) Shutdown Effect for BUOW	0.2111	0.3300	14E3	0.64	0.5225	0.1	-0.3319	0.7540
19) MeanBUOW/MW/Yr w/ 2-mo Shut	1.1776	0.1339	14E3	8.79	<.0001	0.1	0.9573	1.3979
20) 2-mo Shut.Effect on BUOW/MW/Yr	0.04346	0.06496	14E3	0.67	0.5035	0.1	-0.06339	0.1503
21) MeanBUOW/MW/Yr w/ 3-mo Shut	1.2021	0.1372	14E3	8.76	<.0001	0.1	0.9764	1.4279
22) 3-mo Shut.Effect on BUOW/MW/Yr	0.06519	0.09743	14E3	0.67	0.5035	0.1	-0.09508	0.2255
23) MeanBUOW/MW/Yr w/ 4-mo Shut	1.2299	0.1525	14E3	8.06	<.0001	0.1	0.9790	1.4808
24) 4-mo Shut.Effect on BUOW/MW/Yr	0.08977	0.1354	14E3	0.66	0.5074	0.1	-0.1330	0.3125
25) Mean GOEA/MW/Day (Winter)	0.000141	0.000083	14E3	1.69	0.0917	0.1	3.457E-6	0.000278
26) Mean GOEA/MW/Day (Spring)	0.000109	0.000064	14E3	1.71	0.0881	0.1	3.852E-6	0.000213
27) Mean GOEA/MW/Day (Summer)	0.000366	0.000116	14E3	3.15	0.0016	0.1	0.000175	0.000556
28) Mean GOEA/MW/Day (Autumn)	0.000539	0.000221	14E3	2.43	0.0150	0.1	0.000174	0.000903
29) Mean GOEA/MW/Yr w/o Shutdown	0.09502	0.02138	14E3	4.44	<.0001	0.1	0.05985	0.1302
30) Shutdown Effect for GOEA	-0.5537	0.4943	14E3	-1.12	0.2627	0.1	-1.3668	0.2594
31) MeanGOEA/MW/Yr w/ 2-mo Shut	0.09034	0.01930	14E3	4.68	<.0001	0.1	0.05860	0.1221
32) 2-mo Shut.Effect on GOEA/MW/Yr	-0.04923	0.06012	14E3	-0.82	0.4129	0.1	-0.1481	0.04966
33) MeanGOEA/MW/Yr w/ 3-mo Shut	0.08800	0.01893	14E3	4.65	<.0001	0.1	0.05687	0.1191

***Estimates for mean fatalities PER MW
Sampling unit is STRING***

The NLMIXED Procedure

Additional Estimates								
Label	Estimate	Standard Error	DF	t Value	Pr > t 	Alpha	Lower	Upper
34) 3-mo Shut.Effect on GOEA/MW/Yr	-0.07385	0.09018	14E3	-0.82	0.4129	0.1	-0.2222	0.07449
35) MeanGOEA/MW/Yr w/ 4-mo Shut	0.08236	0.01888	14E3	4.36	<.0001	0.1	0.05130	0.1134
36) 4-mo Shut.Effect on GOEA/MW/Yr	-0.1332	0.1431	14E3	-0.93	0.3517	0.1	-0.3686	0.1021
37) Mean RTHA/MW/Day (Winter)	0.001761	0.000305	14E3	5.78	<.0001	0.1	0.001260	0.002263
38) Mean RTHA/MW/Day (Spring)	0.001370	0.000222	14E3	6.18	<.0001	0.1	0.001005	0.001735
39) Mean RTHA/MW/Day (Summer)	0.000935	0.000184	14E3	5.09	<.0001	0.1	0.000633	0.001237
40) Mean RTHA/MW/Day (Autumn)	0.003017	0.000514	14E3	5.87	<.0001	0.1	0.002171	0.003863
41) Mean RTHA/MW/Yr w/o Shutdown	0.5743	0.05540	14E3	10.37	<.0001	0.1	0.4832	0.6654
42) Shutdown Effect for RTHA	-0.1200	0.2389	14E3	-0.50	0.6156	0.1	-0.5129	0.2730
43) MeanRTHA/MW/Yr w/ 2-mo Shut	0.5616	0.04488	14E3	12.51	<.0001	0.1	0.4878	0.6354
44) 2-mo Shut.Effect on RTHA/MW/Yr	-0.02208	0.04545	14E3	-0.49	0.6272	0.1	-0.09683	0.05268
45) MeanRTHA/MW/Yr w/ 3-mo Shut	0.5553	0.04500	14E3	12.34	<.0001	0.1	0.4812	0.6293
46) 3-mo Shut.Effect on RTHA/MW/Yr	-0.03311	0.06817	14E3	-0.49	0.6272	0.1	-0.1452	0.07902
47) MeanRTHA/MW/Yr w/ 4-mo Shut	0.5467	0.05067	14E3	10.79	<.0001	0.1	0.4633	0.6300
48) 4-mo Shut.Effect on RTHA/MW/Yr	-0.04808	0.09801	14E3	-0.49	0.6237	0.1	-0.2093	0.1131
49) Mean Subtotal(noBUOW)/MW/Yr w/o Shutdown	1.4470	0.1380	14E3	10.49	<.0001	0.1	1.2200	1.6740

***Estimates for mean fatalities PER MW
Sampling unit is STRING***

The NLMIXED Procedure

Additional Estimates								
Label	Estimate	Standard Error	DF	t Value	Pr > t 	Alpha	Lower	Upper
50) Mean Subtotal(noBUOW)/MW/Yr w/ 2-mo Shut	1.3089	0.1158	14E3	11.30	<.0001	0.1	1.1185	1.4994
51) Mean Subtotal(noBUOW)/MW/Yr w/ 3-mo Shut	1.2399	0.1128	14E3	10.99	<.0001	0.1	1.0544	1.4254
52) Mean Subtotal(noBUOW)/MW/Yr w/ 4-mo Shut	1.1550	0.1103	14E3	10.47	<.0001	0.1	0.9736	1.3365
53) 2-mo Shut.Effect on Subtotal(noBUOW)/MW/Yr	-0.09542	0.03245	14E3	-2.94	0.0033	0.1	-0.1488	-0.04204
54) 3-mo Shut.Effect on Subtotal(noBUOW)/MW/Yr	-0.1431	0.04868	14E3	-2.94	0.0033	0.1	-0.2232	-0.06305
55) 4-mo Shut.Effect on Subtotal(noBUOW)/MW/Yr	-0.2018	0.06289	14E3	-3.21	0.0013	0.1	-0.3052	-0.09833
56) Mean Total4/MW/Yr w/o Shutdown	2.5756	0.2061	14E3	12.49	<.0001	0.1	2.2365	2.9147
57) Mean Total4/MW/Yr w/ 2-mo Shut	2.4866	0.1770	14E3	14.04	<.0001	0.1	2.1953	2.7778
58) Mean Total4/MW/Yr w/ 3-mo Shut	2.4420	0.1776	14E3	13.75	<.0001	0.1	2.1498	2.7343
59) Mean Total4/MW/Yr w/ 4-mo Shut	2.3849	0.1882	14E3	12.67	<.0001	0.1	2.0753	2.6945
60) 2-mo Shut.Effect on Total4/MW/Yr	-0.03456	0.03275	14E3	-1.06	0.2913	0.1	-0.08844	0.01931
61) 3-mo Shut.Effect on Total4/MW/Yr	-0.05185	0.04913	14E3	-1.06	0.2913	0.1	-0.1327	0.02897
62) 4-mo Shut.Effect on Total4/MW/Yr	-0.07403	0.06691	14E3	-1.11	0.2686	0.1	-0.1841	0.03603