Direct Schedule EF-3 Model Results Residential Model

15000

10000

2500

07/01/22

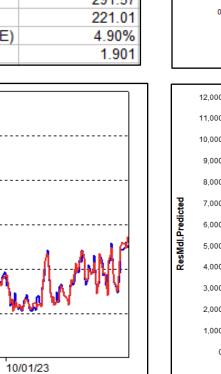
Variable	Coefficient	StdErr	T-Stat	P-Value
CONST	3250.926	52.612	61.790	0.00%
DailyWthr.HDD40	49.434	8.599	5.749	0.00%
DailyWthr.HDD55	50.313	15.886	3.167	0.16%
DailyWthr.HDD60	46.803	12.839	3.645	0.03%
dWthr.LagHDD60	13.512	2.793	4.838	0.00%
DailyWthr.CDD65	139.572	7.997	17.452	0.00%
dWthr.LagCDD65	13.298	5.594	2.377	1.78%
DailyWthr.CDD75	61.889	10.903	5.676	0.00%
dBin.Mar	-304.476	74.973	-4.061	0.01%
dBin.Apr	-638.978	77.608	-8.233	0.00%
dBin.May	-368.132	72.419	-5.083	0.00%
dBin.Oct	-625.697	57.650	-10.853	0.00%
dBin.Nov	-400.966	55.572	-7.215	0.00%
dBin.WkEnd	139.053	29.890	4.652	0.00%
Calendar.IsAHoliday	159.027	69.284	2.295	2.21%
MA(1)	0.277	0.047	5.897	0.00%

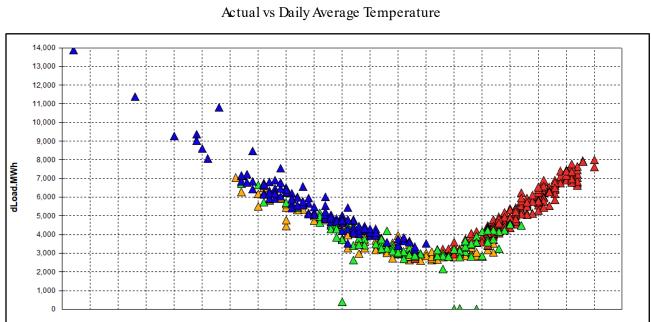
01/01/23

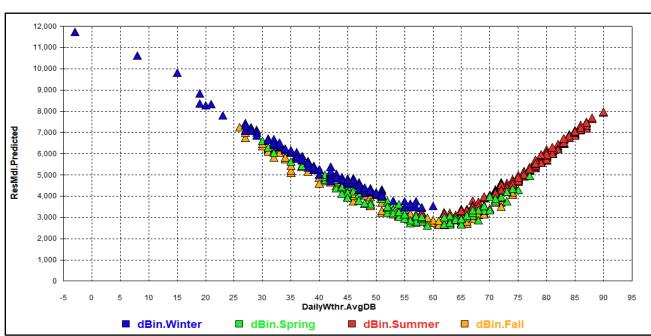
11
536
520
0.959
0.958
11.380
11.508
814.201
0.0000
-3,794.38
1,038,264,052.91
44,206,718.37
85,012.92
291.57
221.01
4.90%
1.901

07/01/23

Predicted





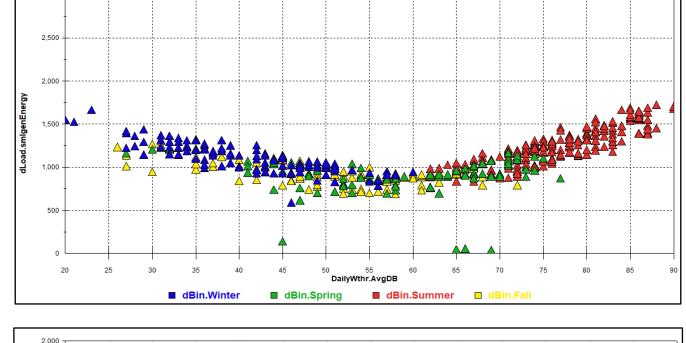


Predicted vs Daily Average Temperature

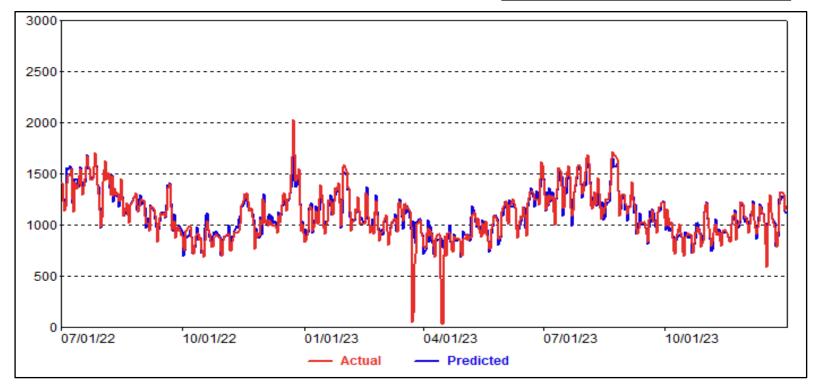
Direct Schedule EF-3 Model Results Small General Service Model

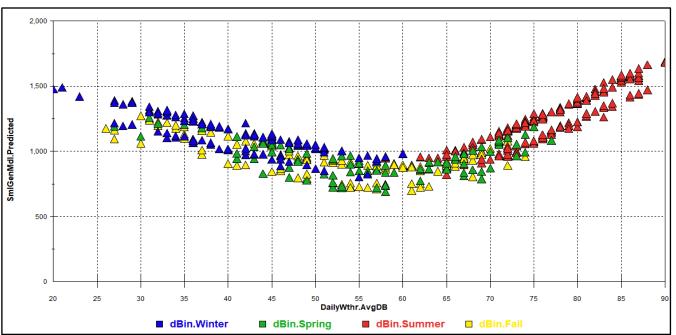
Variable	Coefficient	StdErr	T-Stat	P-Value
CONST	969.567	7.721	125.576	0.00%
DailyWthr.HDD55	12.853	0.530	24.265	0.00%
dWthr.LagHDD55	1.506	0.522	2.886	0.41%
DailyWthr.CDD65	24.306	1.308	18.576	0.00%
dWthr.LagCDD65	2.676	0.946	2.829	0.49%
DailyWthr.CDD75	3.349	1.825	1.836	6.70%
dBin.Mar	-53.613	13.705	-3.912	0.01%
dBin.Apr	-122.712	14.160	-8.666	0.00%
dBin.May	-55.017	13.262	-4.148	0.00%
dBin.Oct	-94.574	10.463	-9.039	0.00%
dBin.Nov	-73.906	10.220	-7.231	0.00%
dBin.WkEnd	-156.163	5.218	-29.927	0.00%
Calendar.IsAHoliday	-24.949	11.750	-2.123	3.42%
MA(1)	0.367	0.044	8.395	0.00%

Model Statistics	
Iterations	18
Adjusted Observations	537
Deg. of Freedom for Error	523
R-Squared	0.948
Adjusted R-Squared	0.947
AIC	7.869
BIC	7.981
F-Statistic	740.029
Prob (F-Statistic)	0.0000
Log-Likelihood	-2,860.73
Model Sum of Squares	24,512,217.80
Sum of Squared Errors	1,332,576.94
Mean Squared Error	2,547.95
Std. Error of Regression	50.48
Mean Abs. Dev. (MAD)	39.21
Mean Abs. % Err. (MAPE)	3.67%
Durbin-Watson Statistic	1.838



Actual vs Daily Average Temperature





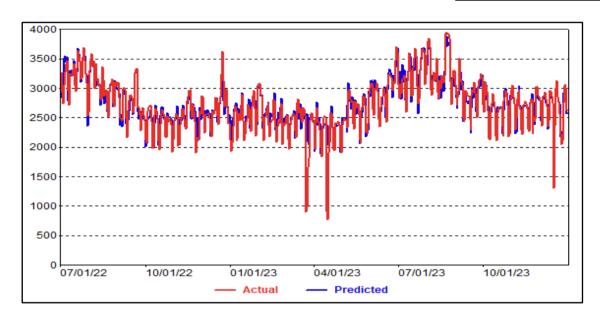
Predicted vs Daily Average Temperature

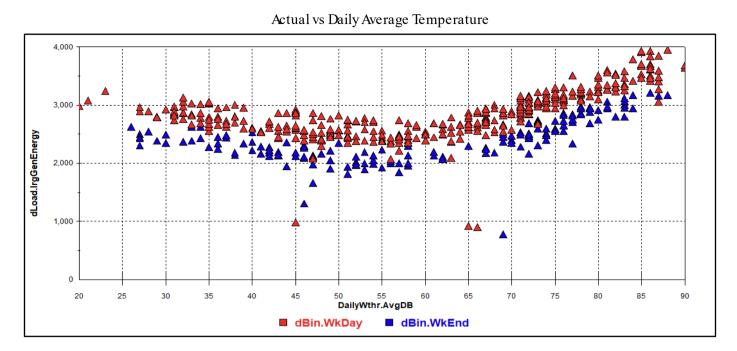
Direct Schedule EF-3 Model Results

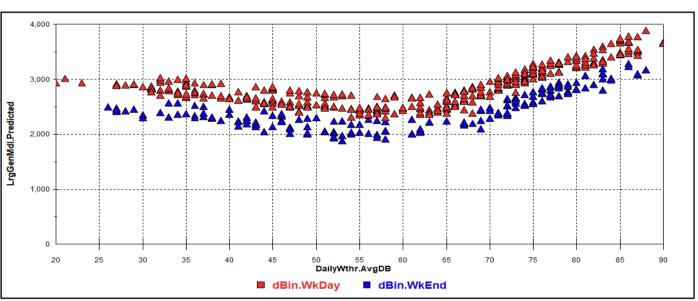
Large General Service Model

Variable	Coefficient	StdErr	T-Stat	P-Value
CONST	-1136.165	255.556	-4.446	0.00%
dBin.TrendVar	191.668	13.211	14.508	0.00%
DailyWthr.HDD55	13.619	0.702	19.399	0.00%
DailyWthr.CDD65	48.560	2.361	20.567	0.00%
dWthr.LagCDD65	8.999	1.761	5.110	0.00%
DailyWthr.CDD75	-10.948	3.383	-3.236	0.13%
dBin.Mar	-118.321	25.358	-4.666	0.00%
dBin.Apr	-212.170	25.692	-8.258	0.00%
dBin.May	-68.866	24.564	-2.804	0.52%
dBin.WkEnd	-436.706	9.871	-44.240	0.00%
Calendar.IsAHoliday	-53.671	22.562	-2.379	1.77%
MA(1)	0.393	0.043	9.166	0.00%

Model Statistics	
Iterations	23
Adjusted Observations	537
Deg. of Freedom for Error	525
R-Squared	0.947
Adjusted R-Squared	0.946
AIC	9.128
BIC	9.224
F-Statistic	859.250
Prob (F-Statistic)	0.0000
Log-Likelihood	-3,200.88
Model Sum of Squares	85,159,360.21
Sum of Squared Errors	4,730,198.63
Mean Squared Error	9,009.90
Std. Error of Regression	94.92
Mean Abs. Dev. (MAD)	75.05
Mean Abs. % Err. (MAPE)	2.81%
Durbin-Watson Statistic	1.732







Predicted vs Daily Average Temperature