

Introducción

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¡Hola!,

En Celsia nos encanta acompañarte en la meta de ser más eficientes, por eso te presentamos tu informe de consumo de energía correspondiente a la semana anterior.



CELSIA

La energía que quieres

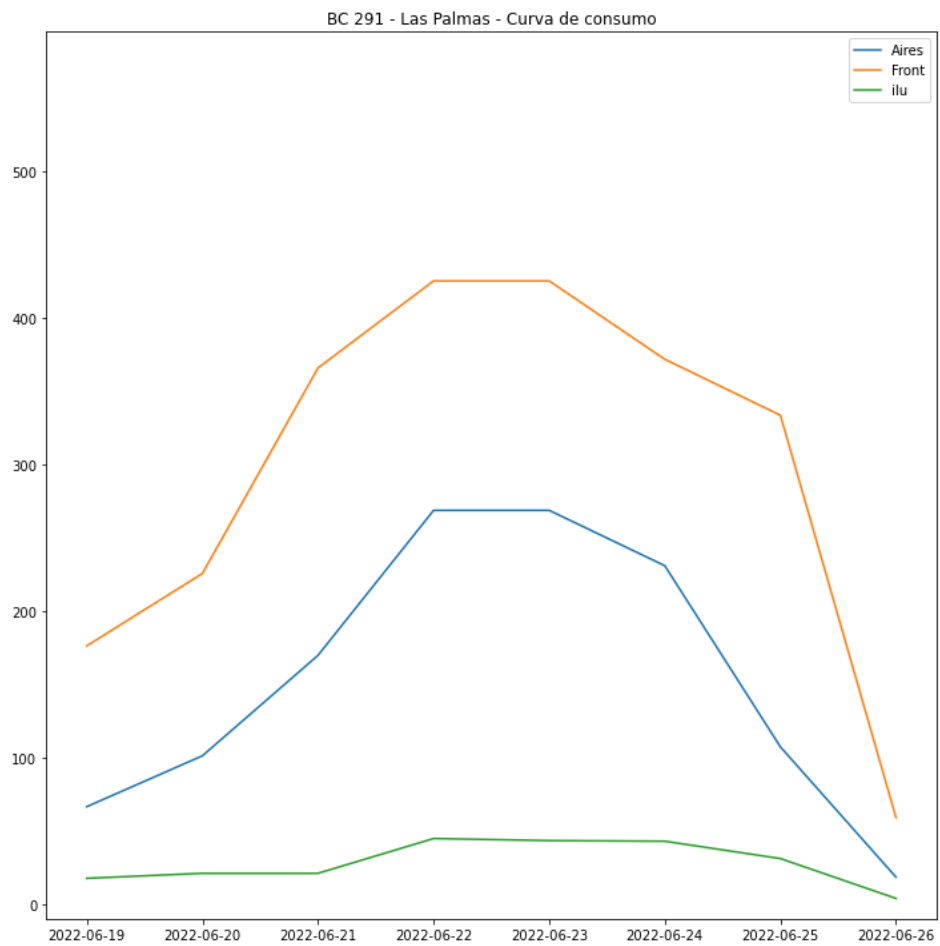
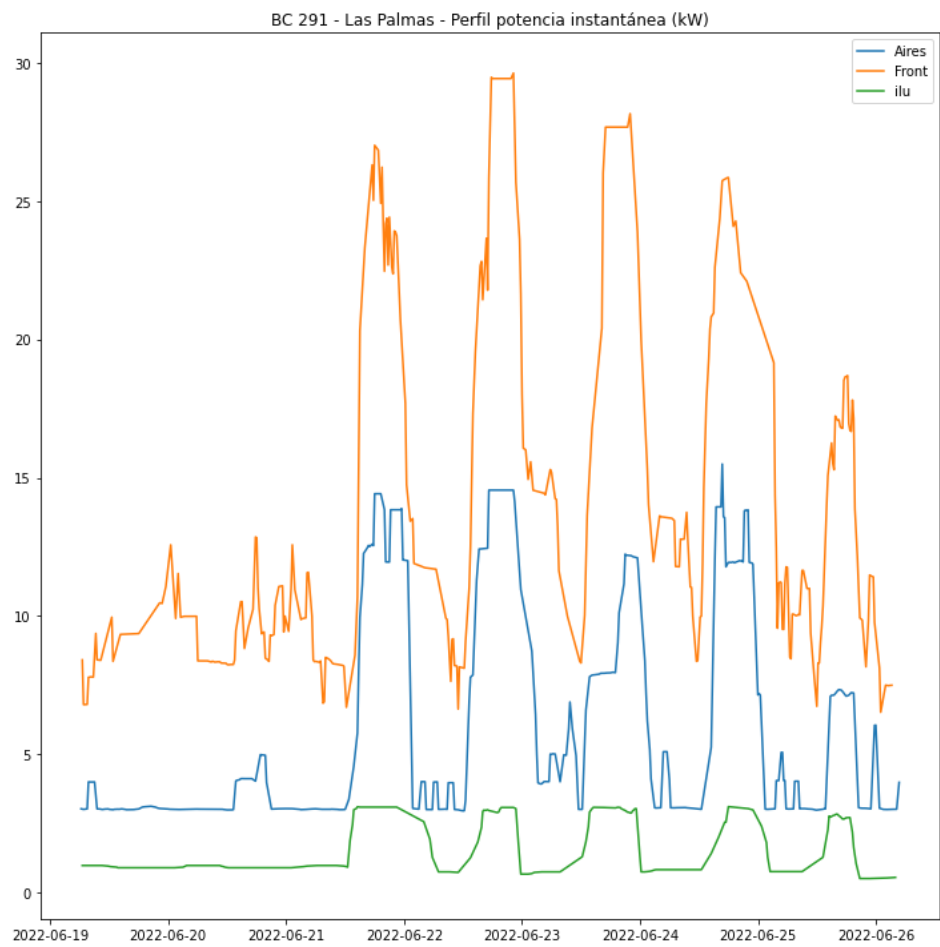
Proyecto monitoreo Bancolombia – Reporte semanal

Sedes disponibles

El rango de visualización de este informe es desde: 2022-06-19 hasta: 2022-06-26

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['BC 291 - Las Palmas',  
'BC 90 - Megamall',  
'BC 799 - Floridablanca',  
'BC 749 - Santa Monica',  
'BC 66 - Palmira',  
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'BC 792 - Paseo del comercio',  
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'BC 185 - Llano Grande Palmira',  
'BC 88 - Cúcuta',  
'BC 197 - Guatapuri',  
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'BC 659 - Girardot']
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BC 291 - Las Palmas

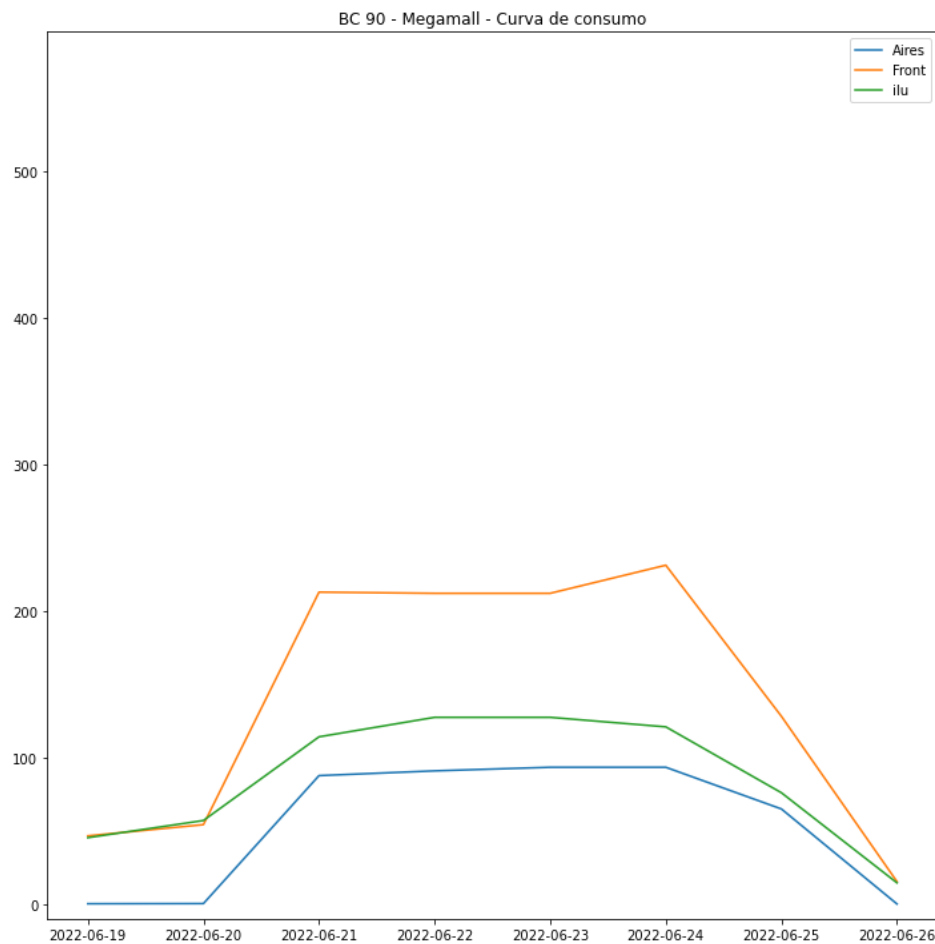
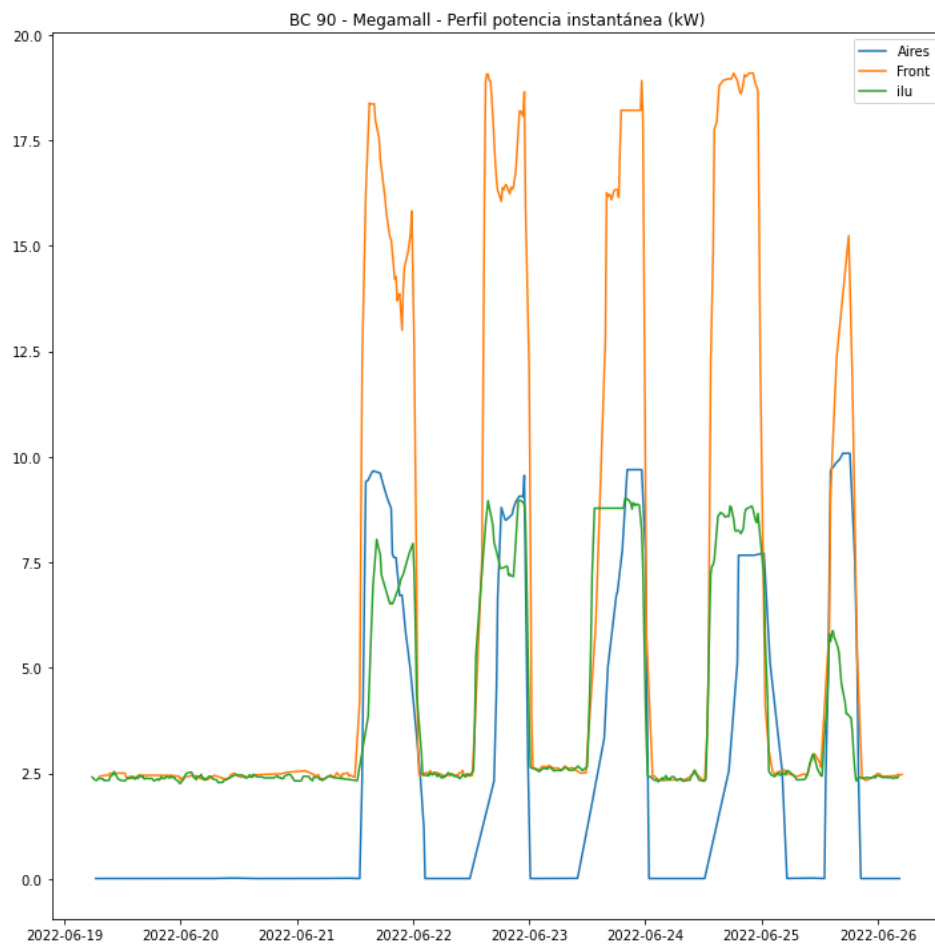


	Frontera (kWh)	HVAC (kWh)	Iluminación (kWh)	Otros (kWh)
timestamp				
2022-06-19 00:00:00	176.19	66.460	17.600	92.130
2022-06-20 00:00:00	225.52	101.160	20.980	103.380
2022-06-21 00:00:00	365.74	169.680	20.980	175.080
2022-06-22 00:00:00	425.10	268.590	44.720	111.790
2022-06-23 00:00:00	425.10	268.590	43.290	113.220
2022-06-24 00:00:00	371.66	230.800	42.880	97.980
2022-06-25 00:00:00	333.48	107.240	31.050	195.190
2022-06-26 00:00:00	59.02	18.380	3.860	36.780
Total	2381.81	1230.900	225.360	925.550
%	100.00	51.679	9.462	38.859

Hallazgos:

- Manejo adecuado de las luces durante fin de semana
- Consumo constante de energía en circuito de Aires durante fin de semana ~ 12 kWh con pico durante una hora aproximadamente el lunes 20 de junio
- Se visualizan consumos anómalos de energía asociados a pérdida de datos en el sistema de monitoreo

BC 90 - Megamall

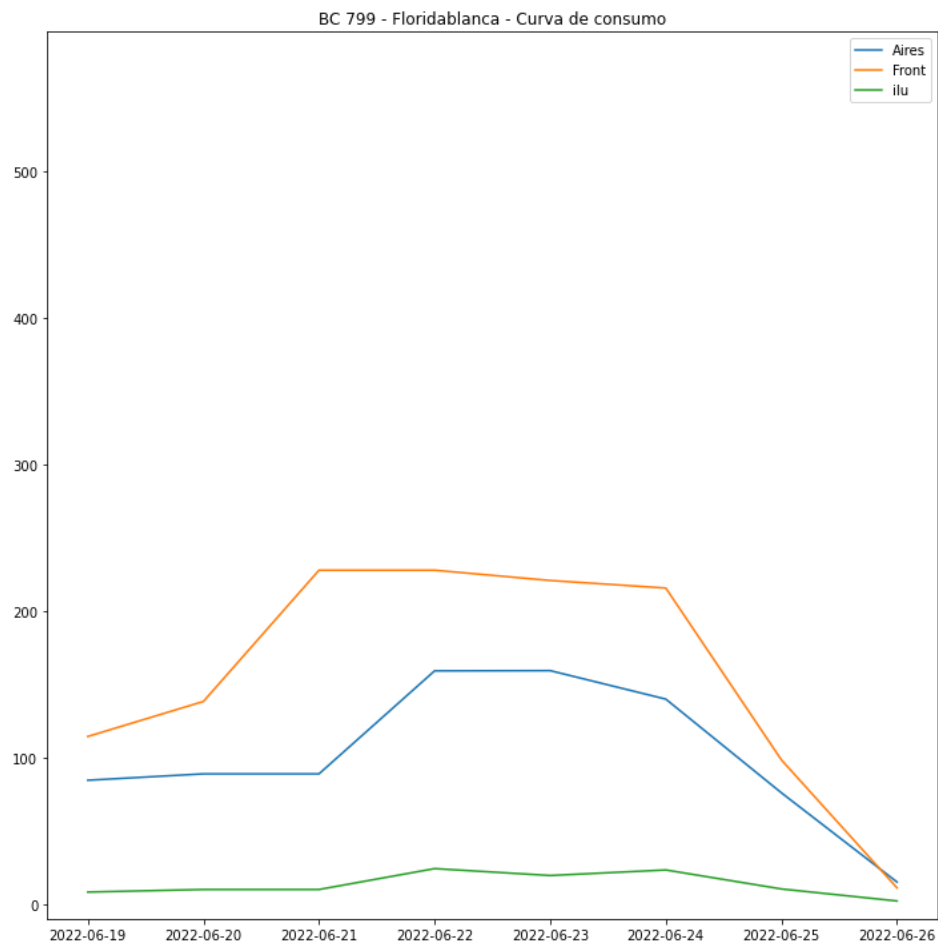
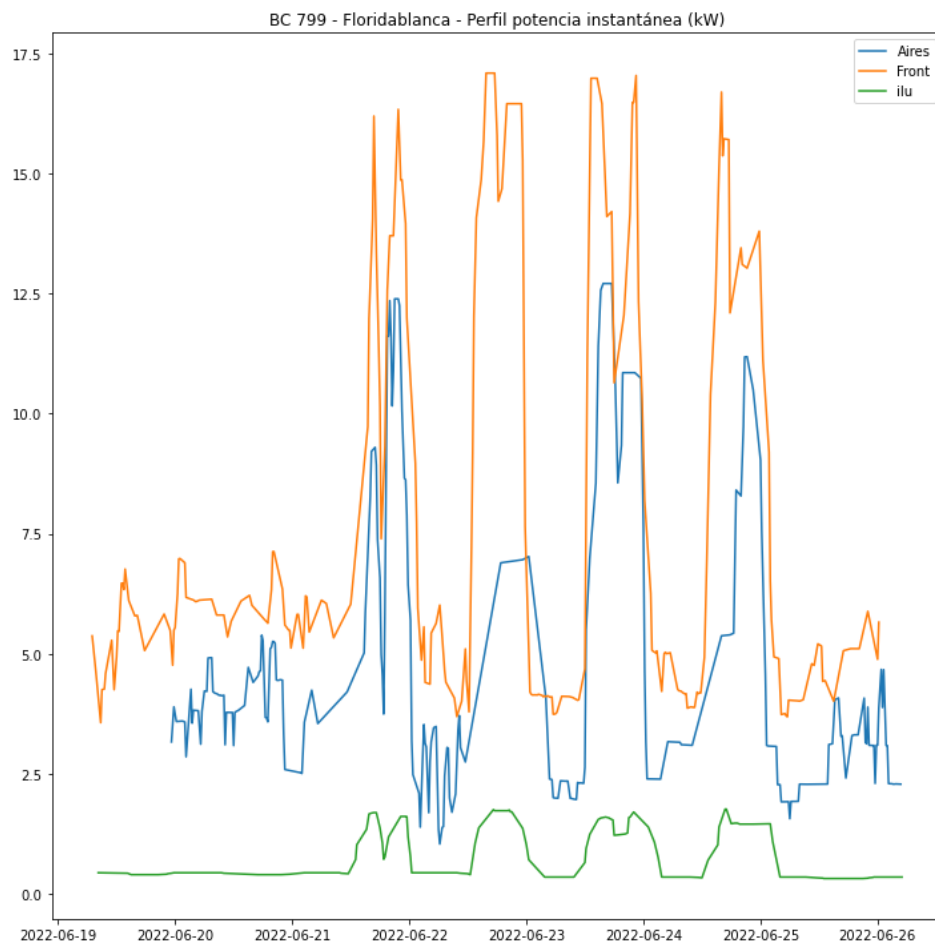


timestamp	Frontera (kWh)	HVAC (kWh)	Iluminación (kWh)	Otros (kWh)
2022-06-19 00:00:00	46.55	0.240	45.300	1.010
2022-06-20 00:00:00	54.18	0.340	57.020	-3.180
2022-06-21 00:00:00	212.80	87.640	114.100	11.060
2022-06-22 00:00:00	212.00	90.880	127.400	-6.280
2022-06-23 00:00:00	212.00	93.330	127.400	-8.730
2022-06-24 00:00:00	231.17	93.330	120.900	16.940
2022-06-25 00:00:00	128.11	64.890	75.950	-12.730
2022-06-26 00:00:00	15.32	0.070	14.480	0.770
Total	1112.13	430.720	682.550	-1.140
%	100.00	38.729	61.373	-0.103

Hallazgos:

- Manejo adecuado de las luces durante fin de semana
- Consumo nocturno asociado casi en su totalidad al circuito de iluminación
- Consumo en circuito de Aire acondicionado durante el Domingo 26 de junio ~ 40 kWh

BC 799 - Floridablanca

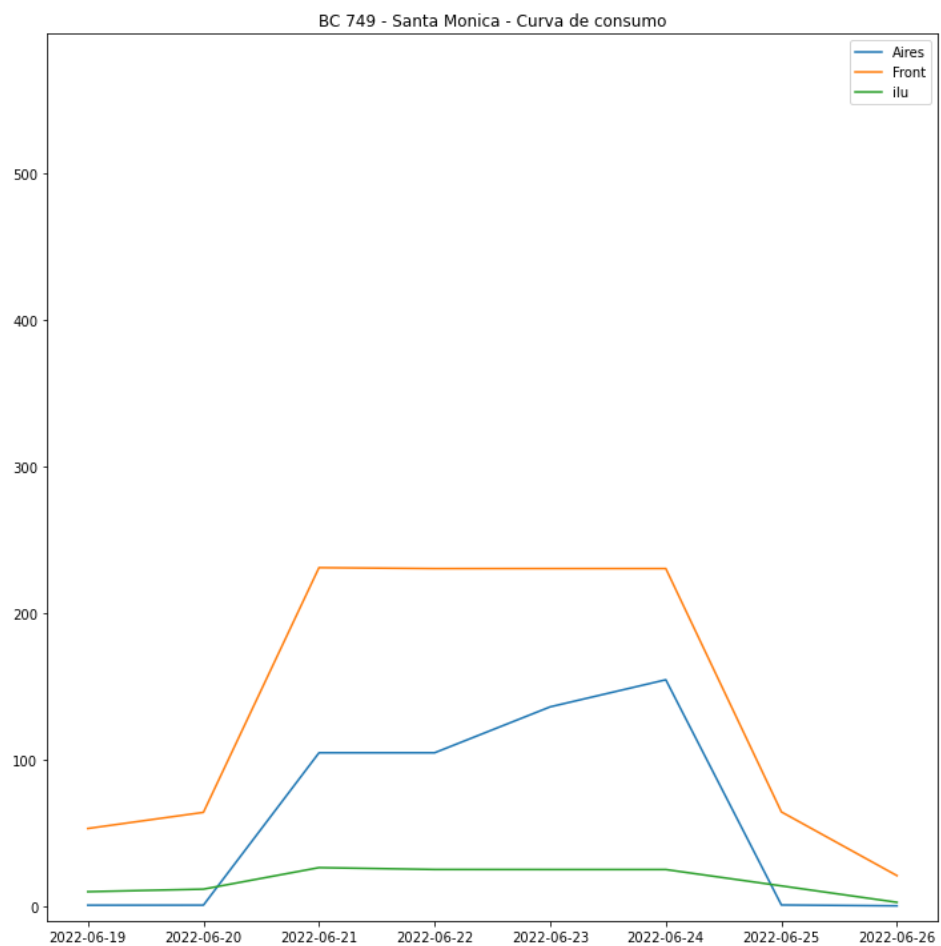
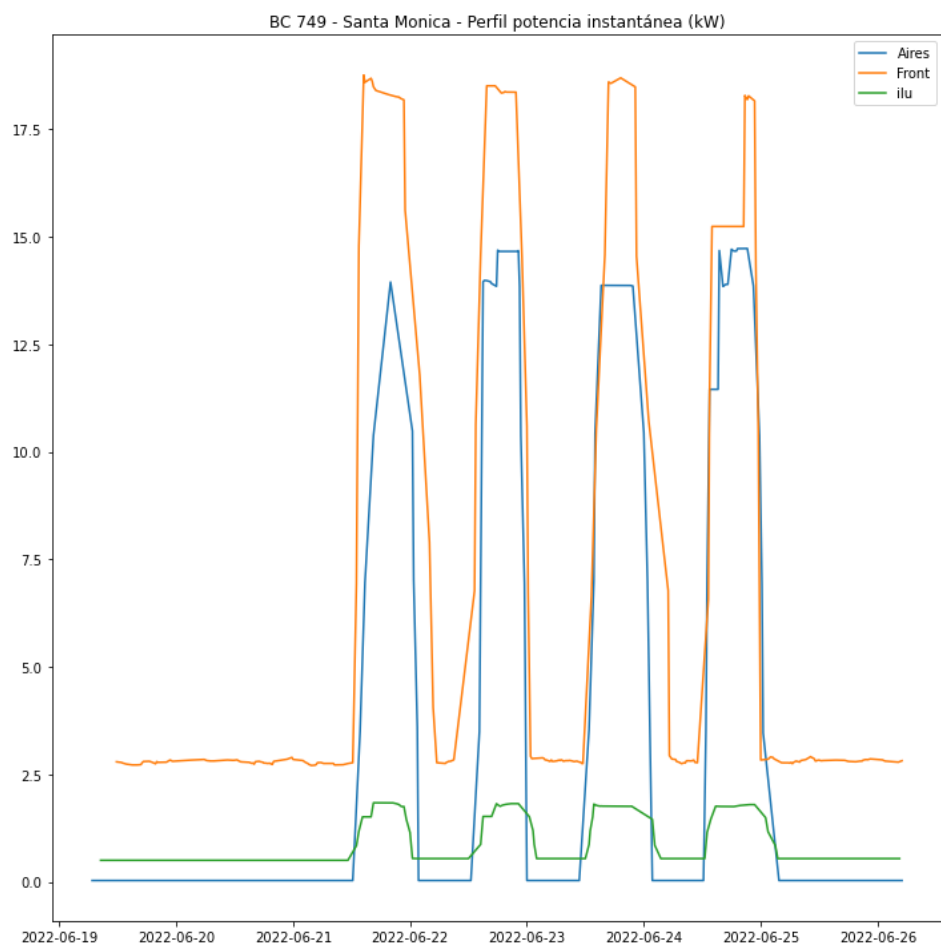


timestamp	Frontera (kWh)	HVAC (kWh)	Iluminación (kWh)	Otros (kWh)
2022-06-19 00:00:00	114.32	84.470	8.200	21.650
2022-06-20 00:00:00	138.21	88.830	9.950	39.430
2022-06-21 00:00:00	227.75	88.830	9.950	128.970
2022-06-22 00:00:00	227.75	159.090	24.190	44.470
2022-06-23 00:00:00	220.74	159.240	19.490	42.010
2022-06-24 00:00:00	215.59	139.820	23.270	52.500
2022-06-25 00:00:00	98.38	75.910	10.310	12.160
2022-06-26 00:00:00	11.07	15.050	2.110	-6.090
Total	1253.81	811.240	107.470	335.100
%	100.00	64.702	8.571	26.727

Hallazgos:

- Consumo nocturno del circuito de Aire acondicionado durante el Lunes festivo, 20 de Junio ~ 20 kWh
- Consumo atípico del circuito de aire acondicionado, se continuará monitoreando

BC 749 - Santa Monica

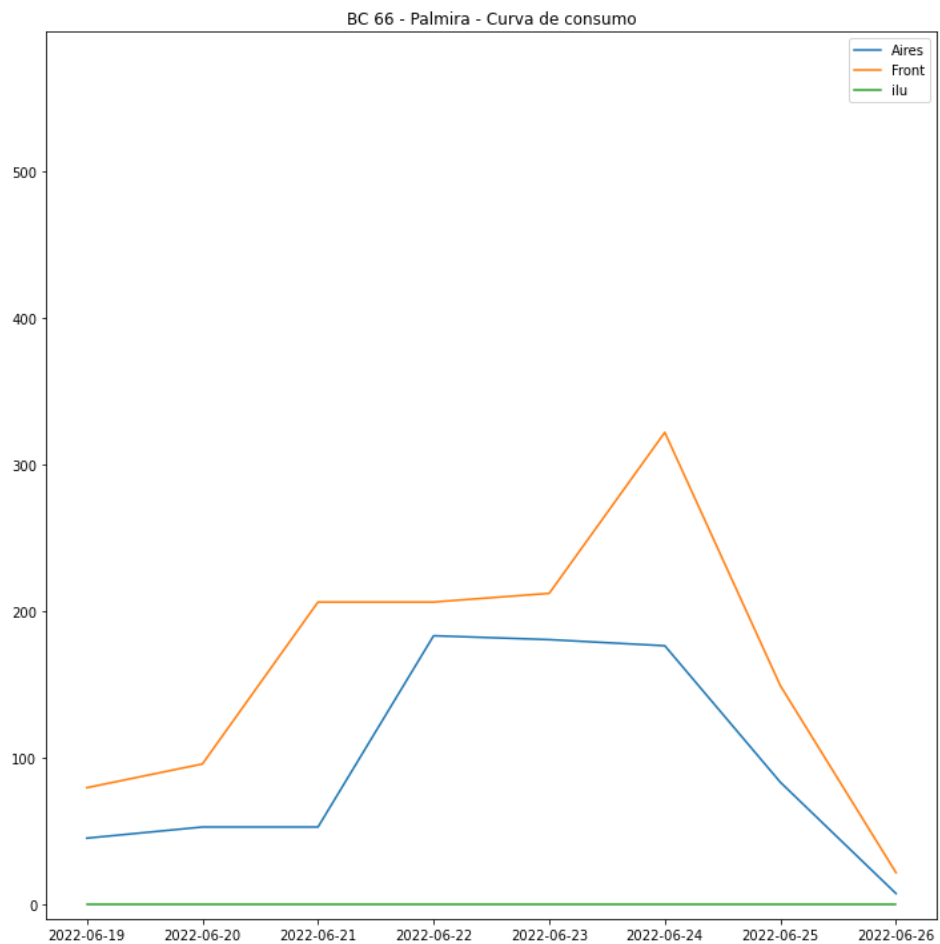
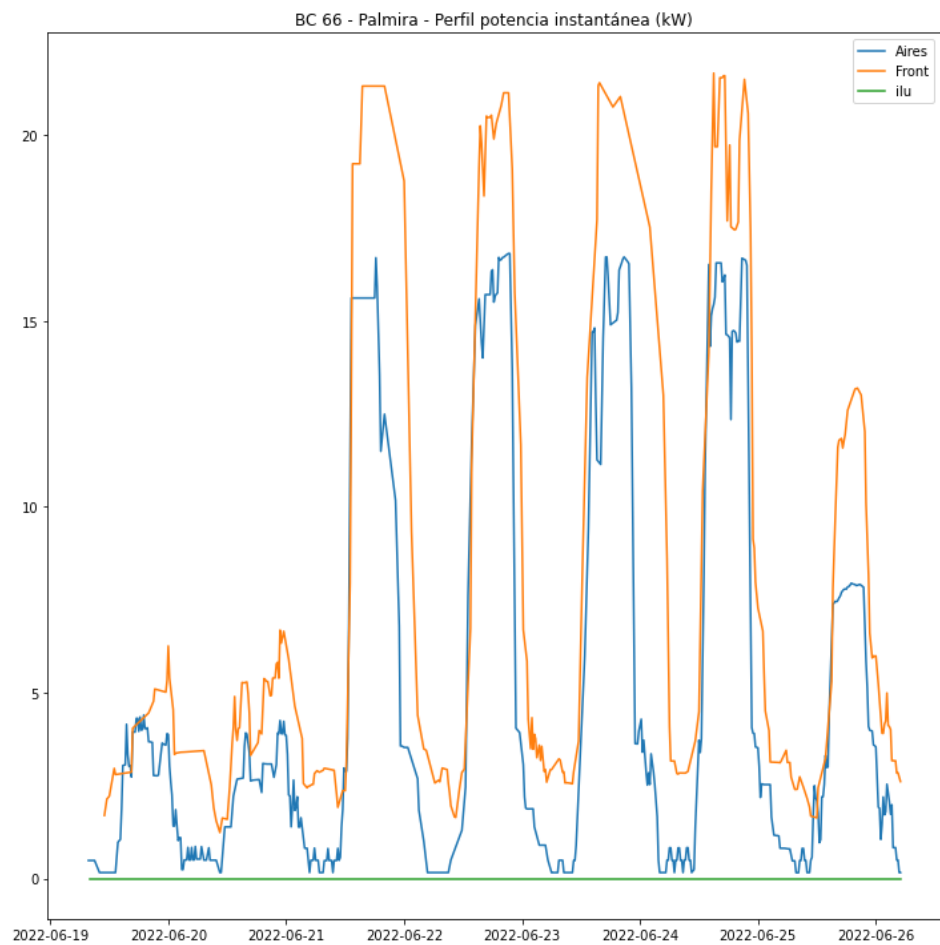


	Frontera (kWh)	HVAC (kWh)	Iluminación (kWh)	Otros (kWh)
timestamp				
2022-06-19 00:00:00	52.93	0.600	9.810	42.520
2022-06-20 00:00:00	63.93	0.640	11.550	51.740
2022-06-21 00:00:00	230.88	104.580	26.240	100.060
2022-06-22 00:00:00	230.23	104.580	24.970	100.680
2022-06-23 00:00:00	230.25	135.920	24.930	69.400
2022-06-24 00:00:00	230.25	154.380	24.930	50.940
2022-06-25 00:00:00	64.24	0.750	13.780	49.710
2022-06-26 00:00:00	20.76	0.170	2.570	18.020
Total	1123.47	501.620	138.780	483.070
%	100.00	44.649	12.353	42.998

Hallazgos:

- Sin hallazgos de relevancia, consumo adecuado en el circuito de Aire acondicionado e Iluminación con consumos residuales ~ 2 kWh posiblemente causados por la presencia de algún cajero o sistemas de seguridad

BC 66 - Palmira

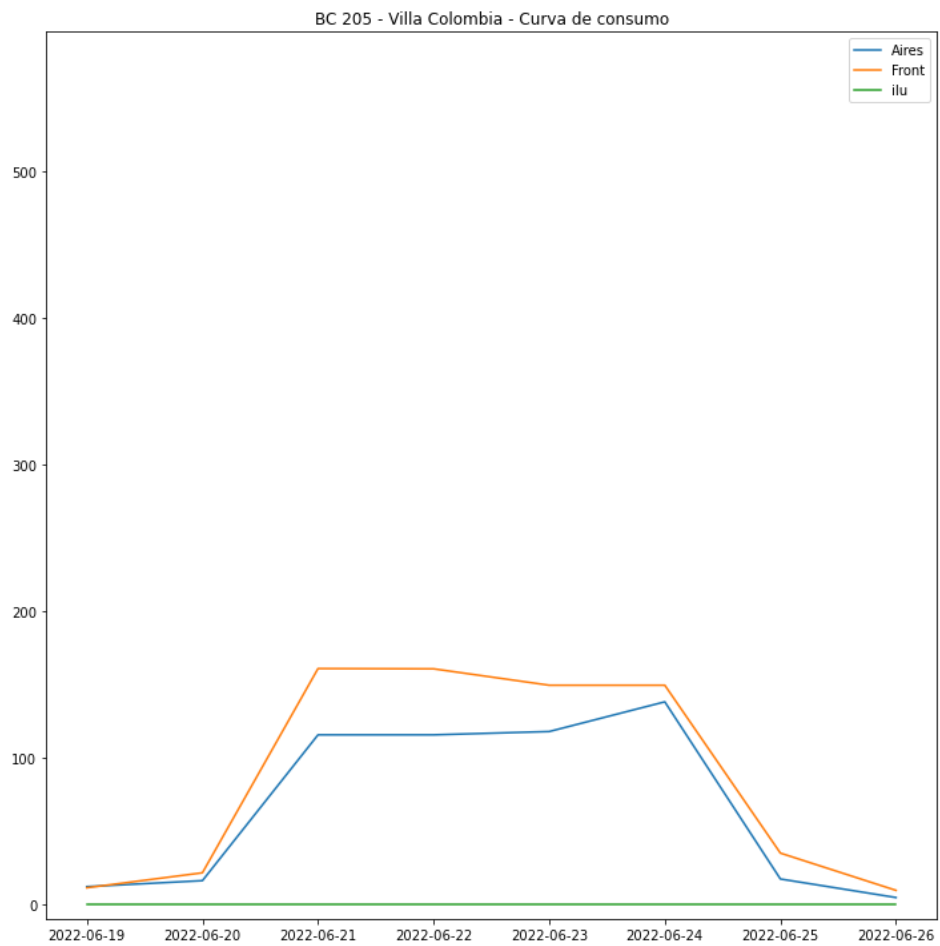
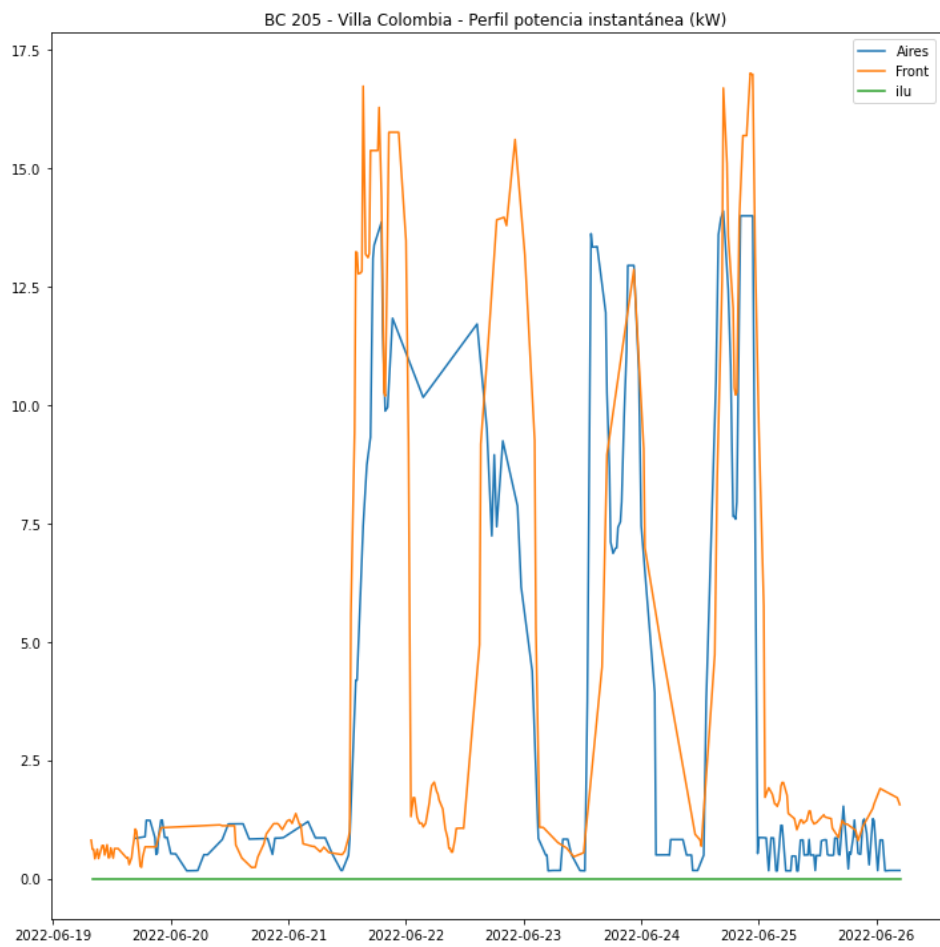


timestamp	Frontera (kWh)	HVAC (kWh)	Iluminación (kWh)	Otros (kWh)
2022-06-19 00:00:00	79.38	44.970	0.0	34.410
2022-06-20 00:00:00	95.58	52.570	0.0	43.010
2022-06-21 00:00:00	206.05	52.570	0.0	153.480
2022-06-22 00:00:00	206.05	183.050	0.0	23.000
2022-06-23 00:00:00	211.97	180.400	0.0	31.570
2022-06-24 00:00:00	321.80	176.220	0.0	145.580
2022-06-25 00:00:00	148.90	83.070	0.0	65.830
2022-06-26 00:00:00	21.45	7.200	0.0	14.250
Total	1291.18	780.050	0.0	511.130
%	100.00	60.414	0.0	39.586

Hallazgos:

- Consumo de Aire acondicionado durante fines de semana ~ 12 kWh durante todo el día del Domingo 19 y Lunes 20 de junio

BC 205 - Villa Colombia

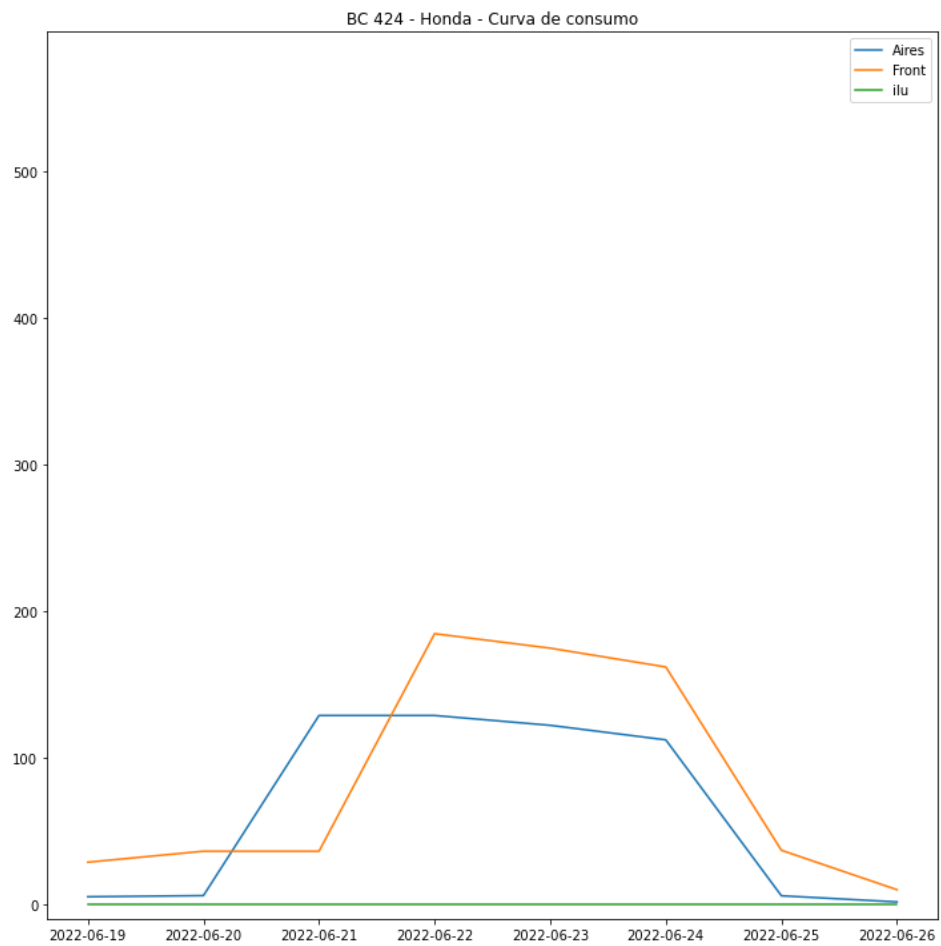
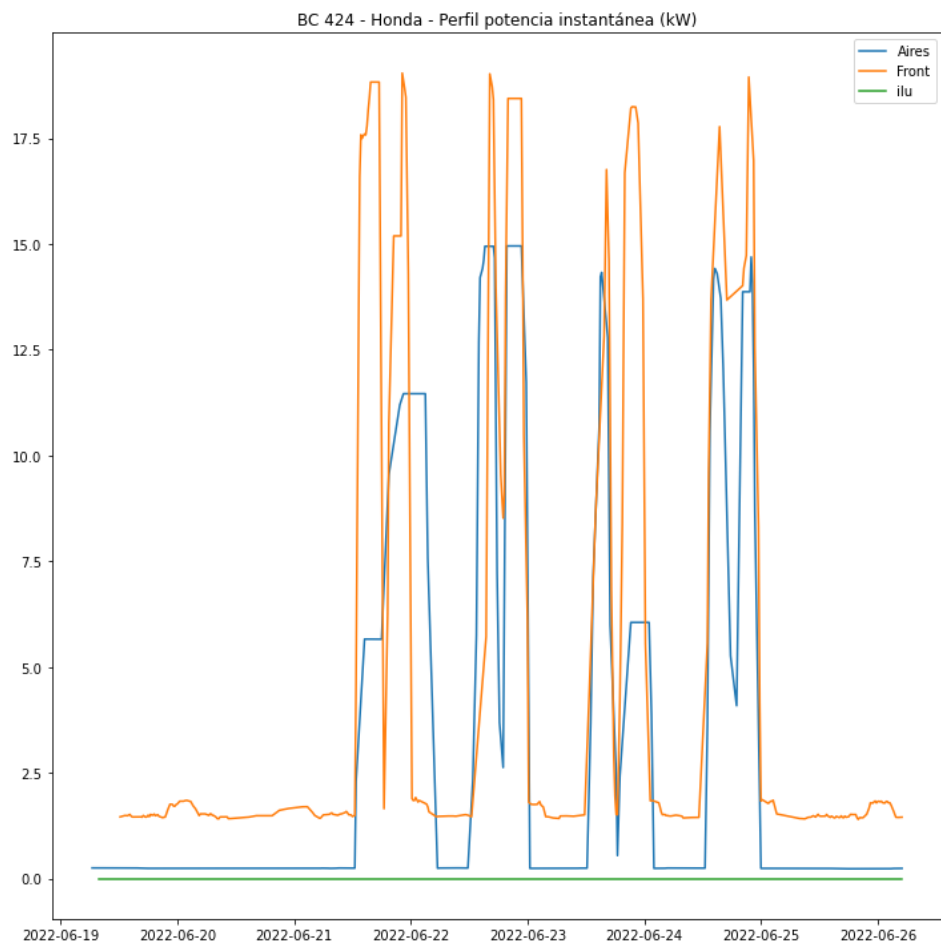


timestamp	Frontera (kWh)	HVAC (kWh)	Iluminación (kWh)	Otros (kWh)
2022-06-19 00:00:00	11.14	11.91	0.0	-0.77
2022-06-20 00:00:00	21.34	15.98	0.0	5.36
2022-06-21 00:00:00	160.66	115.45	0.0	45.21
2022-06-22 00:00:00	160.48	115.45	0.0	45.03
2022-06-23 00:00:00	149.30	117.71	0.0	31.59
2022-06-24 00:00:00	149.30	137.97	0.0	11.33
2022-06-25 00:00:00	34.78	17.12	0.0	17.66
2022-06-26 00:00:00	9.36	4.47	0.0	4.89
Total	696.36	536.06	0.0	160.30
%	100.00	76.98	0.0	23.02

Hallazgos:

- Consumo de Aire acondicionado durante periodos nocturnos y fines de semana ~ 4 kWh
- Se presenta una pérdida de datos durante la madrugada del Miércoles 22 de Junio, se seguirá monitoreando

BC 424 - Honda



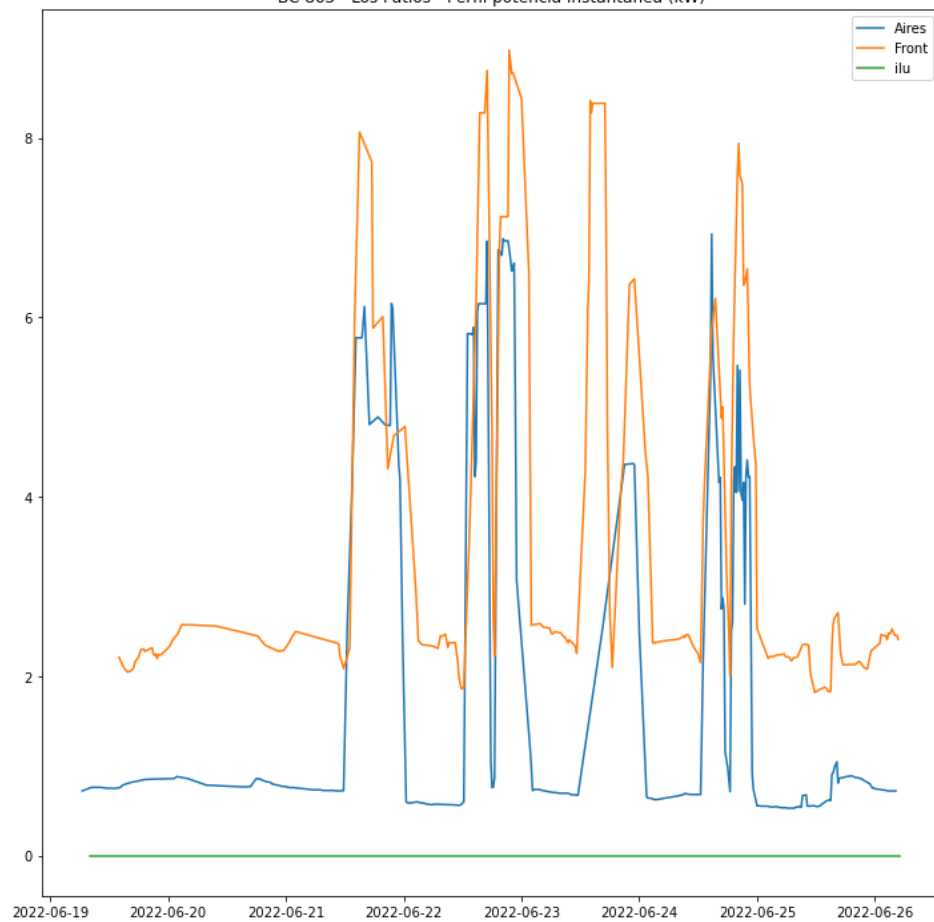
	Frontera (kWh)	HVAC (kWh)	Iluminación (kWh)	Otros (kWh)
timestamp				
2022-06-19 00:00:00	28.56	4.990	0.0	23.570
2022-06-20 00:00:00	36.06	5.780	0.0	30.280
2022-06-21 00:00:00	36.06	128.650	0.0	-92.590
2022-06-22 00:00:00	184.46	128.650	0.0	55.810
2022-06-23 00:00:00	174.58	121.940	0.0	52.640
2022-06-24 00:00:00	161.74	112.020	0.0	49.720
2022-06-25 00:00:00	36.71	5.650	0.0	31.060
2022-06-26 00:00:00	9.79	1.480	0.0	8.310
Total	667.96	509.160	0.0	158.800
%	100.00	76.226	0.0	23.774

Hallazgos:

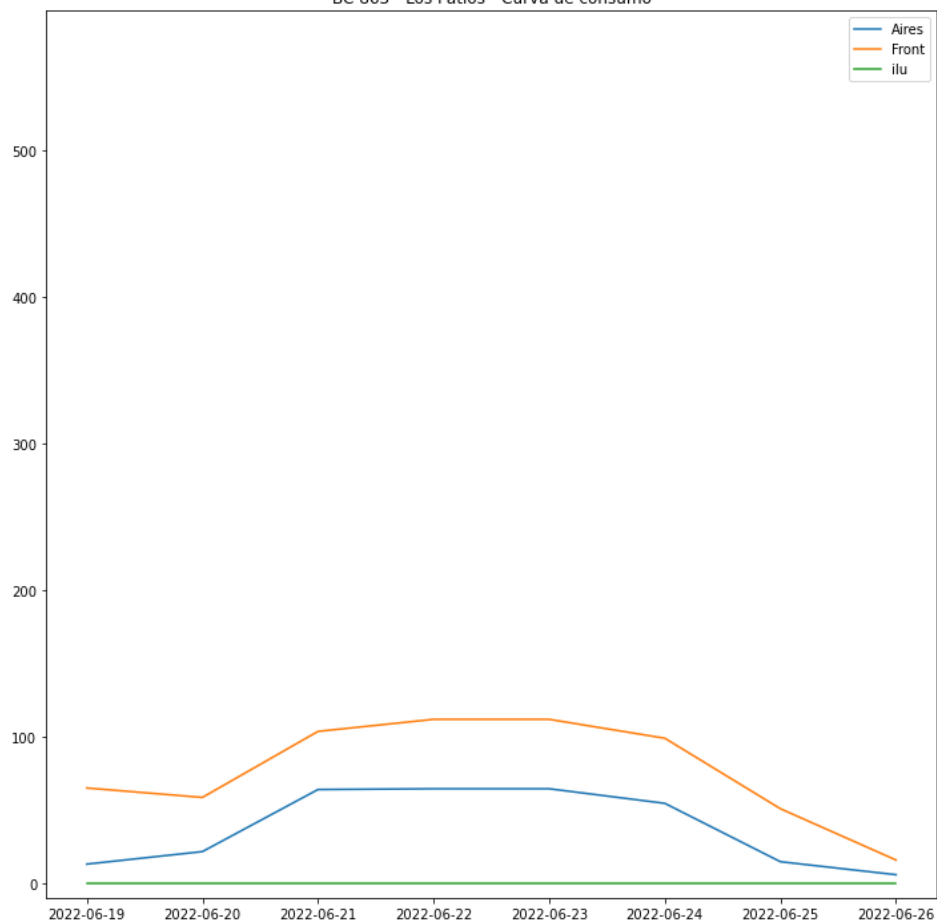
- Sin hallazgos de relevancia

BC 863 - Los Patios

BC 863 - Los Patios - Perfil potencia instantánea (kW)



BC 863 - Los Patios - Curva de consumo

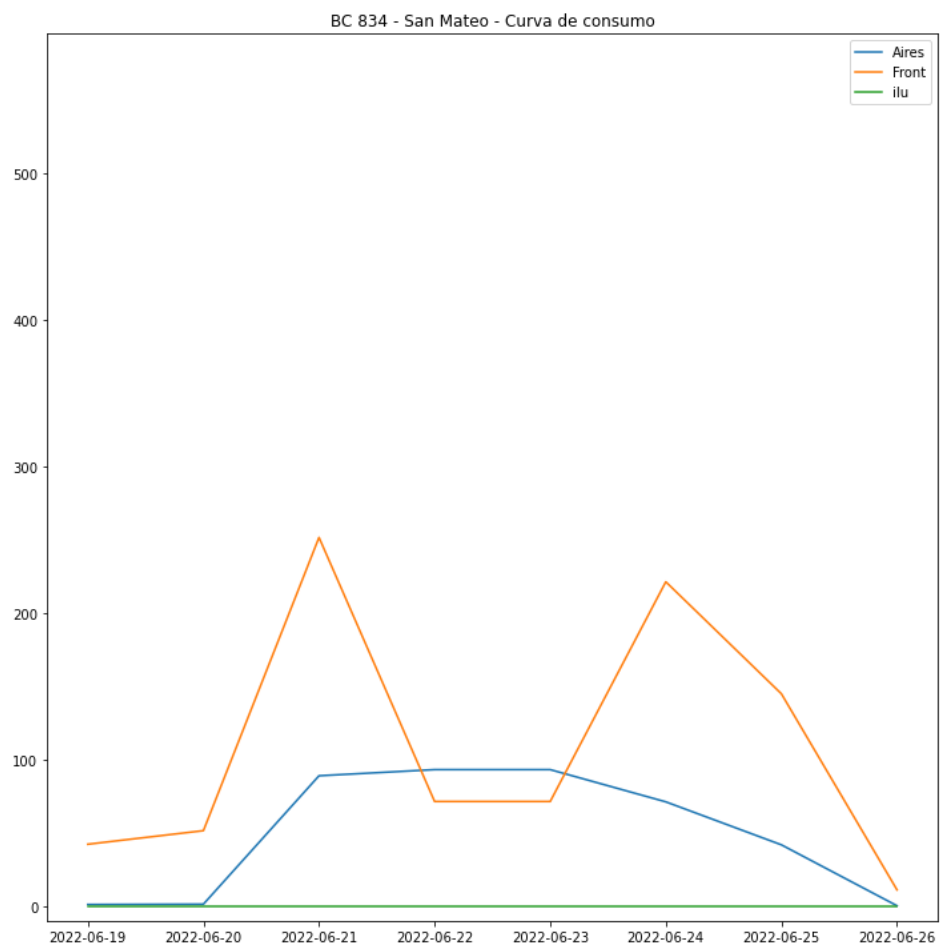
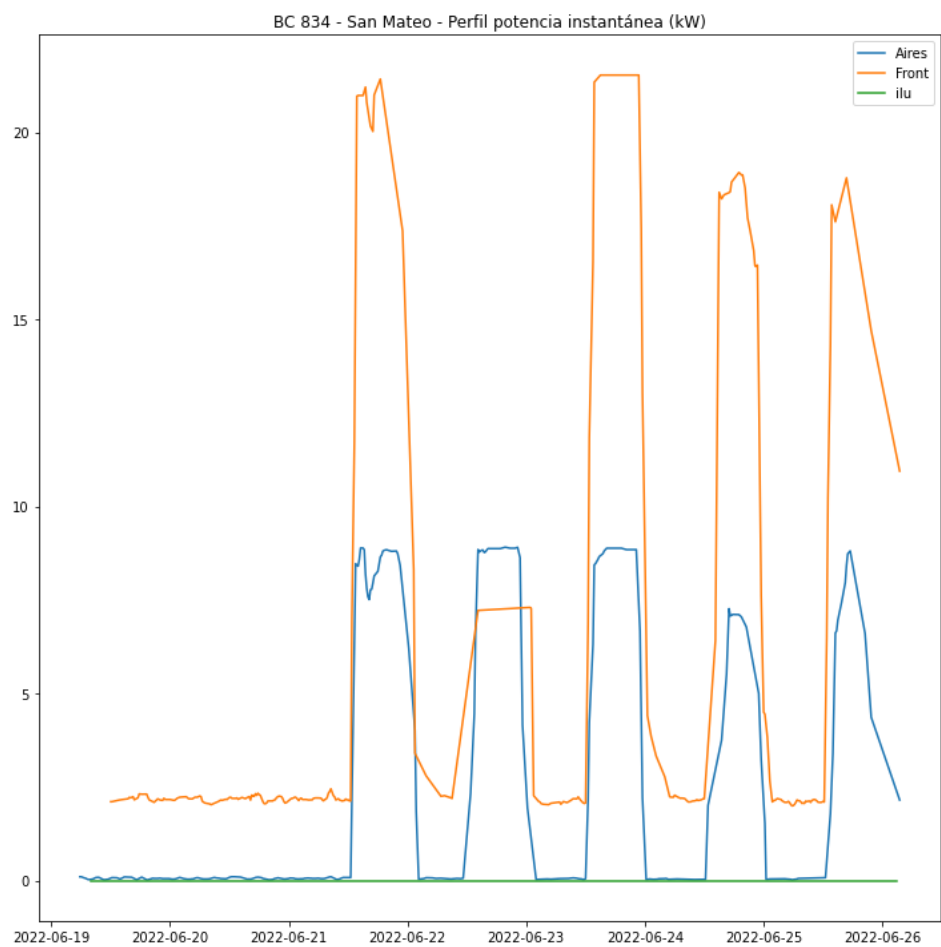


timestamp	Frontera (kWh)	HVAC (kWh)	Iluminación (kWh)	Otros (kWh)
2022-06-19 00:00:00	64.86	12.94	0.0	51.92
2022-06-20 00:00:00	58.44	21.48	0.0	36.96
2022-06-21 00:00:00	103.49	63.83	0.0	39.66
2022-06-22 00:00:00	111.70	64.35	0.0	47.35
2022-06-23 00:00:00	111.70	64.35	0.0	47.35
2022-06-24 00:00:00	98.81	54.40	0.0	44.41
2022-06-25 00:00:00	50.73	14.58	0.0	36.15
2022-06-26 00:00:00	15.73	5.71	0.0	10.02
Total	615.46	301.64	0.0	313.82
%	100.00	49.01	0.0	50.99

Hallazgos:

- Consumo residual en circuito de aire acondicionado ~ 4 kWh durante las noches

BC 834 - San Mateo

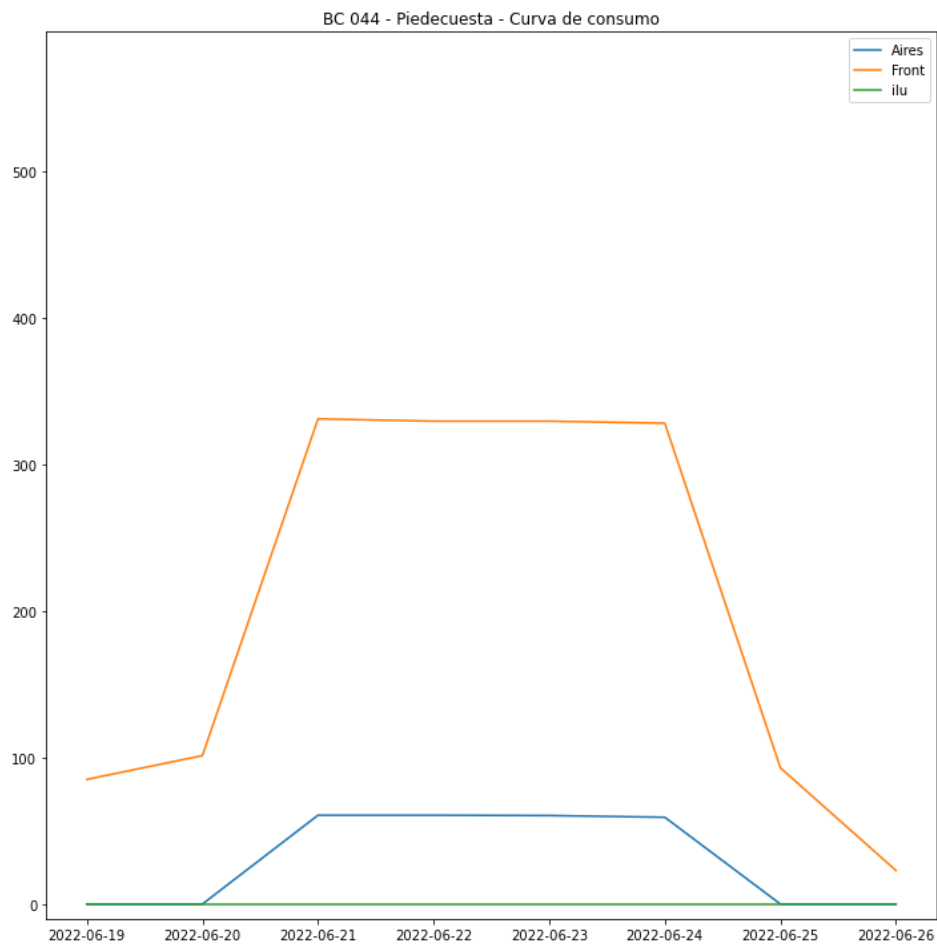
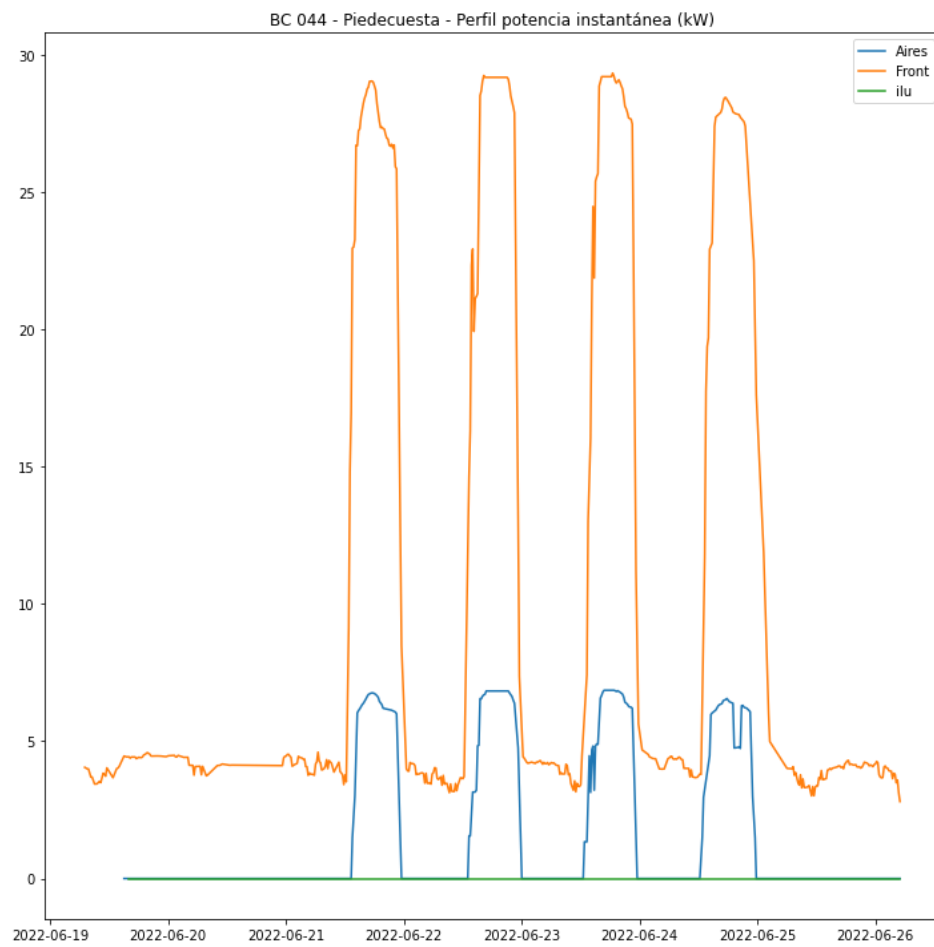


timestamp	Frontera (kWh)	HVAC (kWh)	Iluminación (kWh)	Otros (kWh)
2022-06-19 00:00:00	42.19	1.090	0.0	41.100
2022-06-20 00:00:00	51.45	1.310	0.0	50.140
2022-06-21 00:00:00	251.47	88.900	0.0	162.570
2022-06-22 00:00:00	71.35	93.090	0.0	-21.740
2022-06-23 00:00:00	71.35	93.090	0.0	-21.740
2022-06-24 00:00:00	221.21	71.110	0.0	150.100
2022-06-25 00:00:00	144.81	41.790	0.0	103.020
2022-06-26 00:00:00	11.07	0.230	0.0	10.840
Total	864.90	390.610	0.0	474.290
%	100.00	45.162	0.0	54.838

Hallazgos:

- Baja significativa de consumo durante el miércoles 22 de junio, posible pérdida de datos, se seguirá monitoreando

BC 044 - Piedecuesta

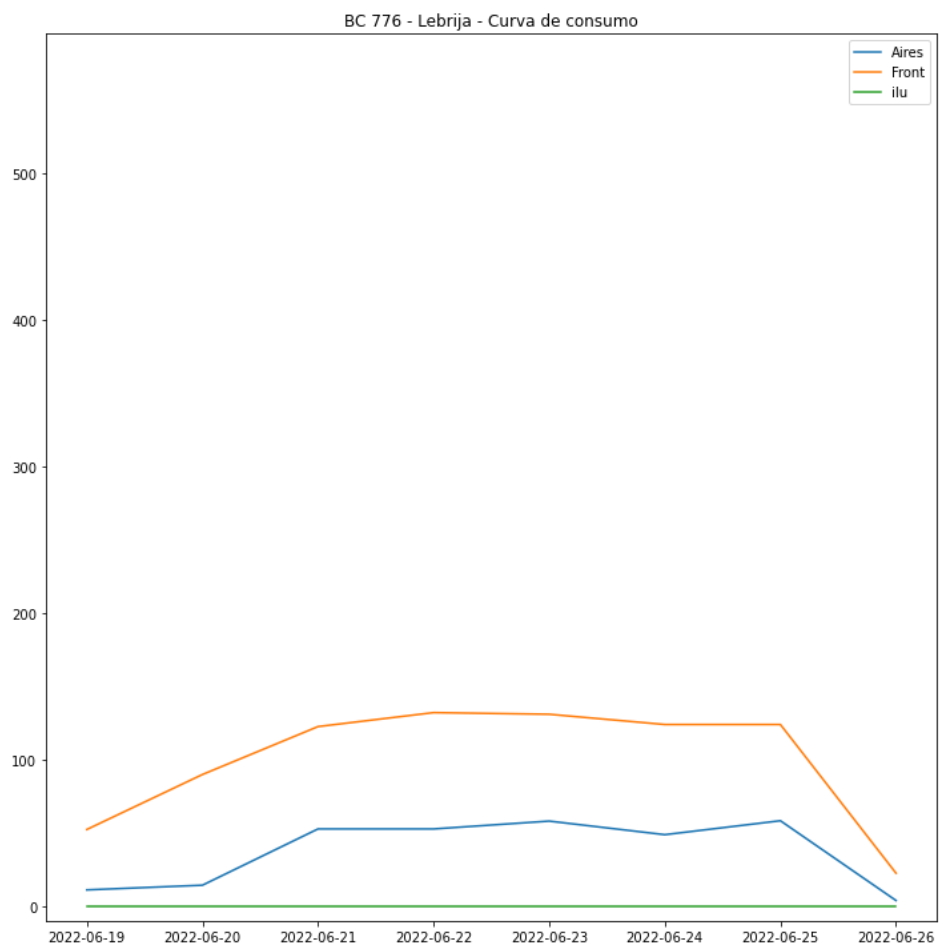
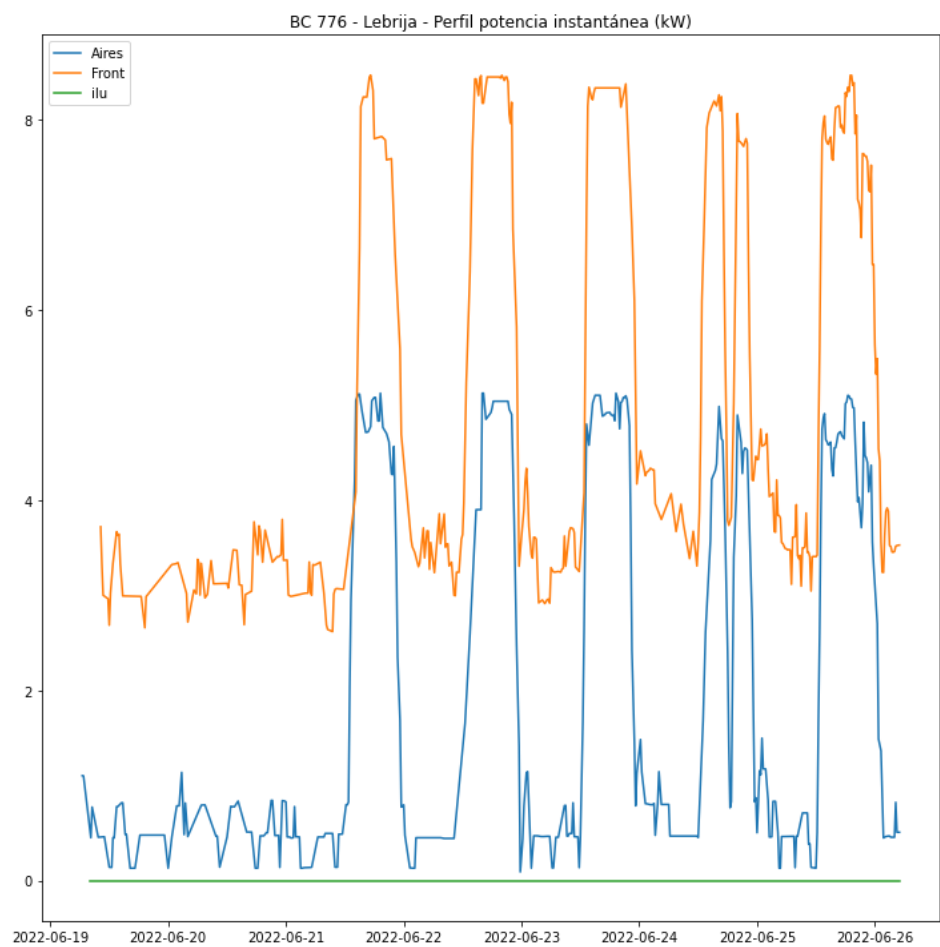


timestamp	Frontera (kWh)	HVAC (kWh)	Iluminación (kWh)	Otros (kWh)
2022-06-19 00:00:00	85.04	0.000	0.0	85.040
2022-06-20 00:00:00	101.27	0.000	0.0	101.270
2022-06-21 00:00:00	330.99	60.610	0.0	270.380
2022-06-22 00:00:00	329.42	60.610	0.0	268.810
2022-06-23 00:00:00	329.42	60.390	0.0	269.030
2022-06-24 00:00:00	328.03	59.220	0.0	268.810
2022-06-25 00:00:00	92.92	0.000	0.0	92.920
2022-06-26 00:00:00	22.88	0.000	0.0	22.880
Total	1619.97	240.830	0.0	1379.140
%	100.00	14.866	0.0	85.134

Hallazgos:

- Poca contribución al consumo por parte del circuito de HVAC, menor al 15% del consumo total, se sugiere continuar monitoreando la situación

BC 776 - Lebrija

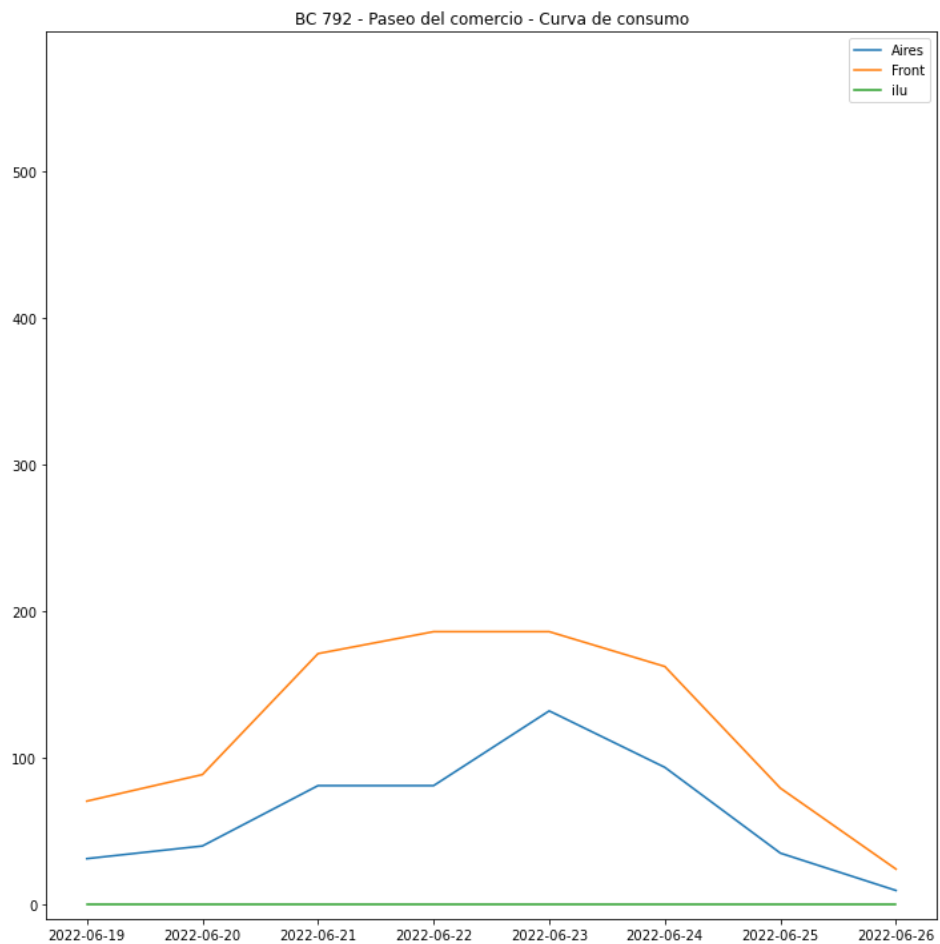
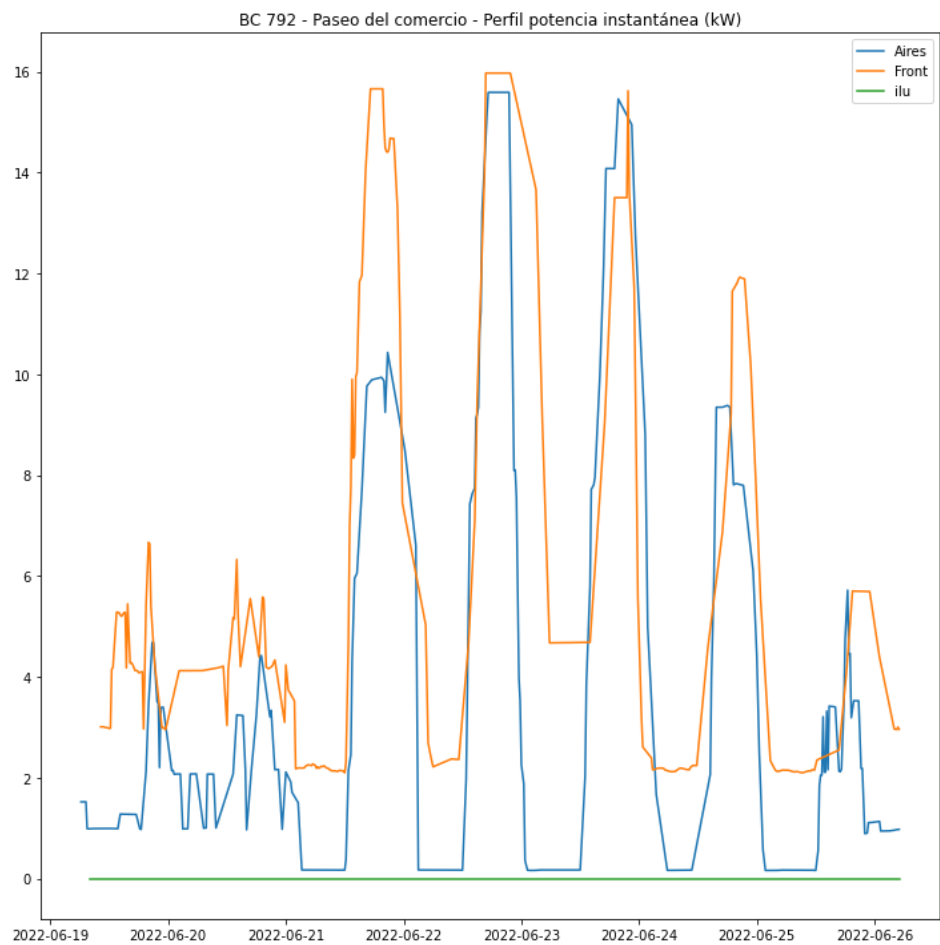


timestamp	Frontera (kWh)	HVAC (kWh)	Iluminación (kWh)	Otros (kWh)
2022-06-19 00:00:00	52.25	11.050	0.0	41.200
2022-06-20 00:00:00	89.75	14.240	0.0	75.510
2022-06-21 00:00:00	122.45	52.630	0.0	69.820
2022-06-22 00:00:00	131.98	52.630	0.0	79.350
2022-06-23 00:00:00	130.85	57.970	0.0	72.880
2022-06-24 00:00:00	123.87	48.710	0.0	75.160
2022-06-25 00:00:00	123.87	58.220	0.0	65.650
2022-06-26 00:00:00	22.46	3.810	0.0	18.650
Total	797.48	299.260	0.0	498.220
%	100.00	37.526	0.0	62.474

Hallazgos:

- Consumos residuales en el circuito de Aire acondicionado ~ 4 kWh durante las noches

BC 792 - Paseo del comercio

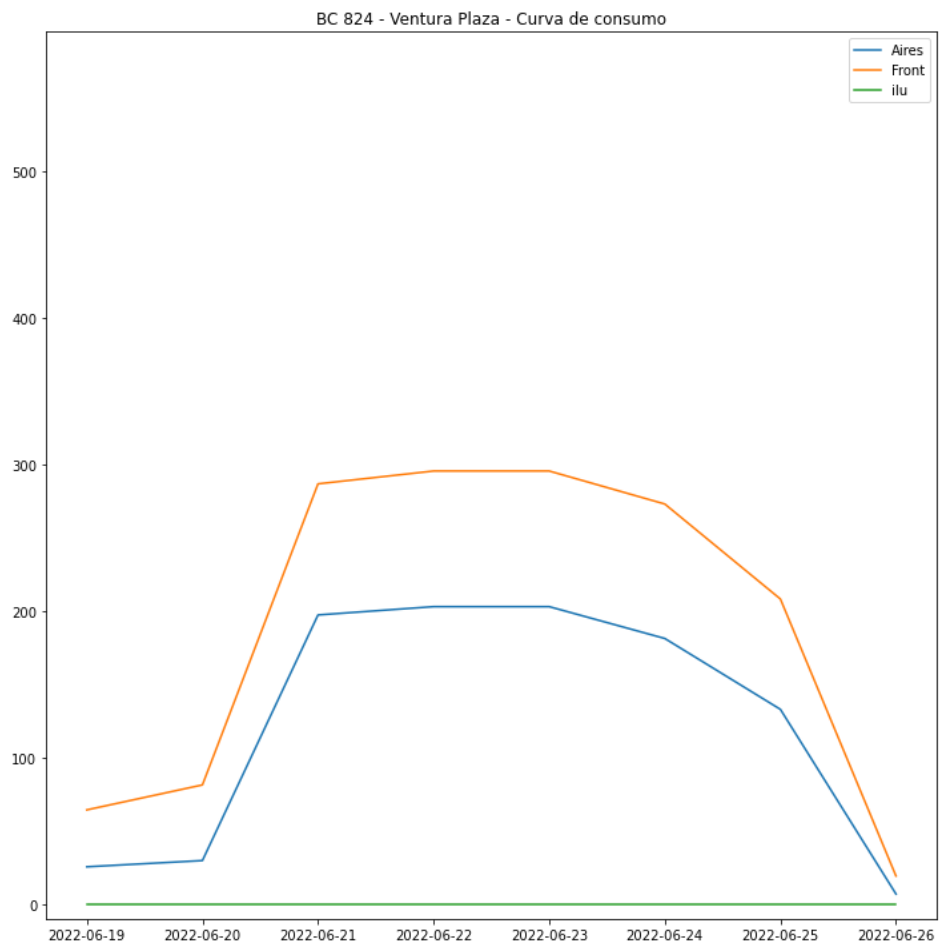
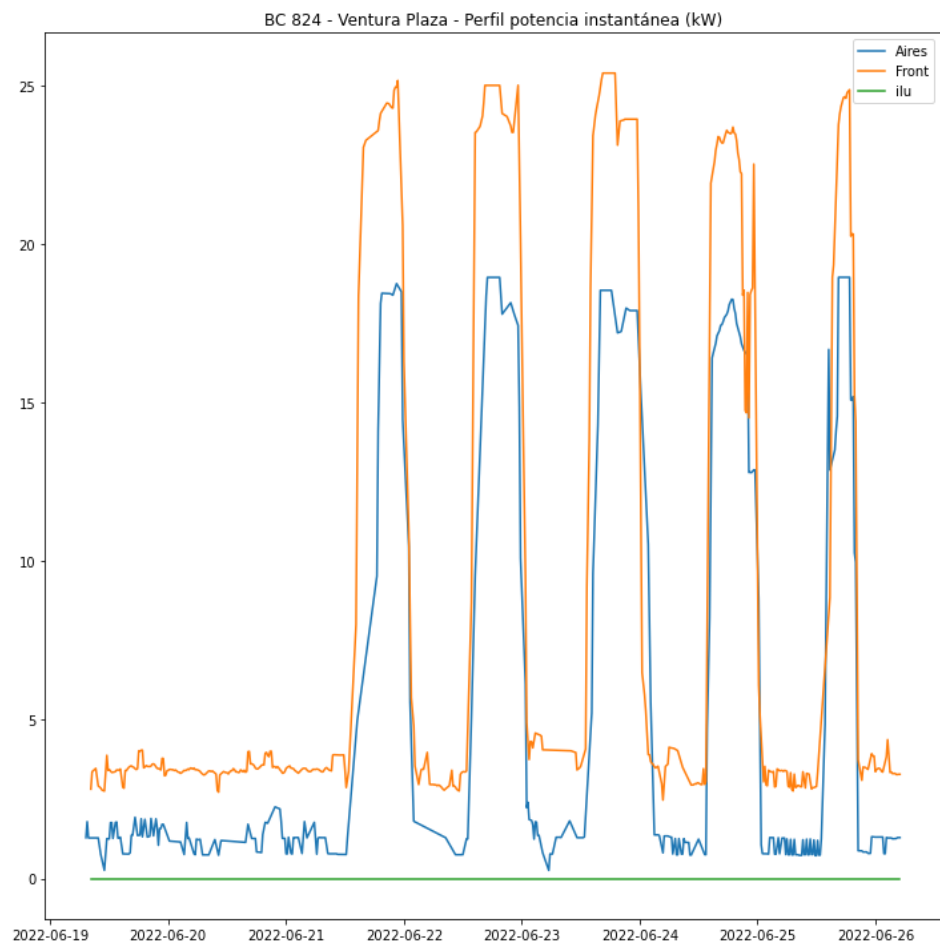


timestamp	Frontera (kWh)	HVAC (kWh)	Iluminación (kWh)	Otros (kWh)
2022-06-19 00:00:00	70.23	30.990	0.0	39.240
2022-06-20 00:00:00	88.34	39.630	0.0	48.710
2022-06-21 00:00:00	170.85	80.800	0.0	90.050
2022-06-22 00:00:00	185.84	80.800	0.0	105.040
2022-06-23 00:00:00	185.84	131.790	0.0	54.050
2022-06-24 00:00:00	162.09	93.290	0.0	68.800
2022-06-25 00:00:00	79.07	34.750	0.0	44.320
2022-06-26 00:00:00	23.86	9.290	0.0	14.570
Total	966.12	501.340	0.0	464.780
%	100.00	51.892	0.0	48.108

Hallazgos:

- Consumo de energía durante los fines de semana, 19 y 20 de Junio ~ 35 kWh, 25 de junio ~ 35kWh, 26 de junio ~ 10kWh. Se sugiere validar si existe alguna carga parasitiva que explique este comportamiento.

BC 824 - Ventura Plaza

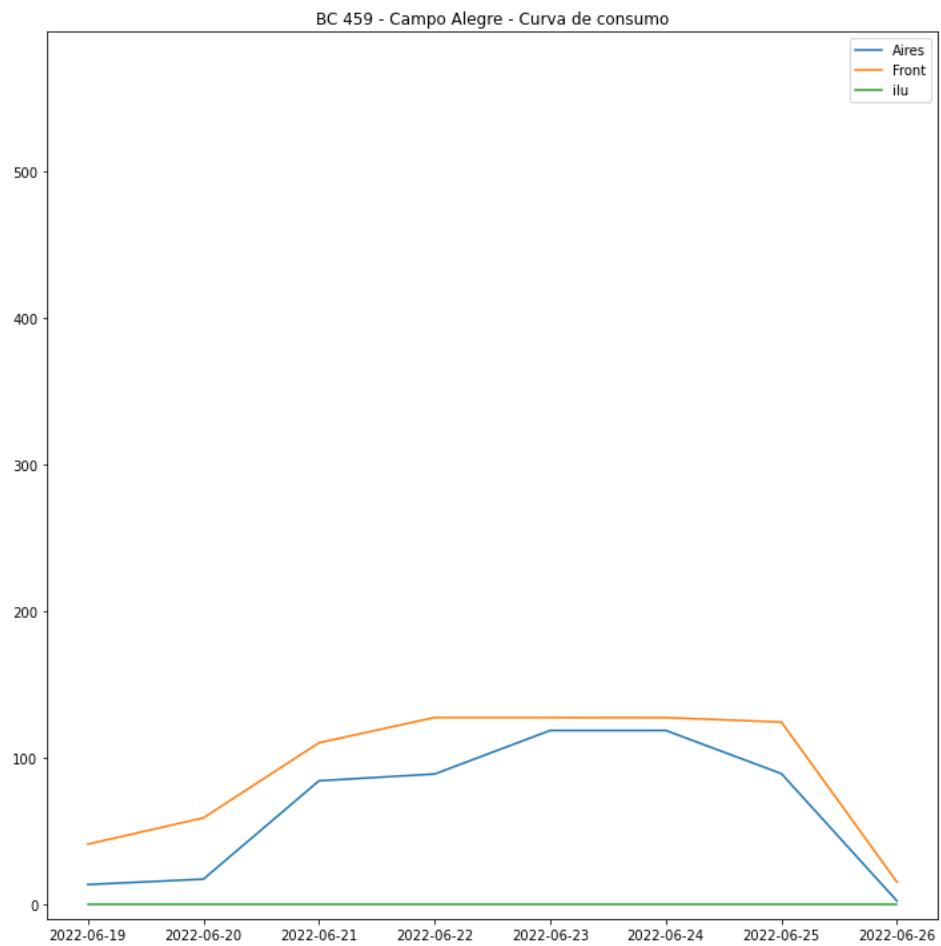
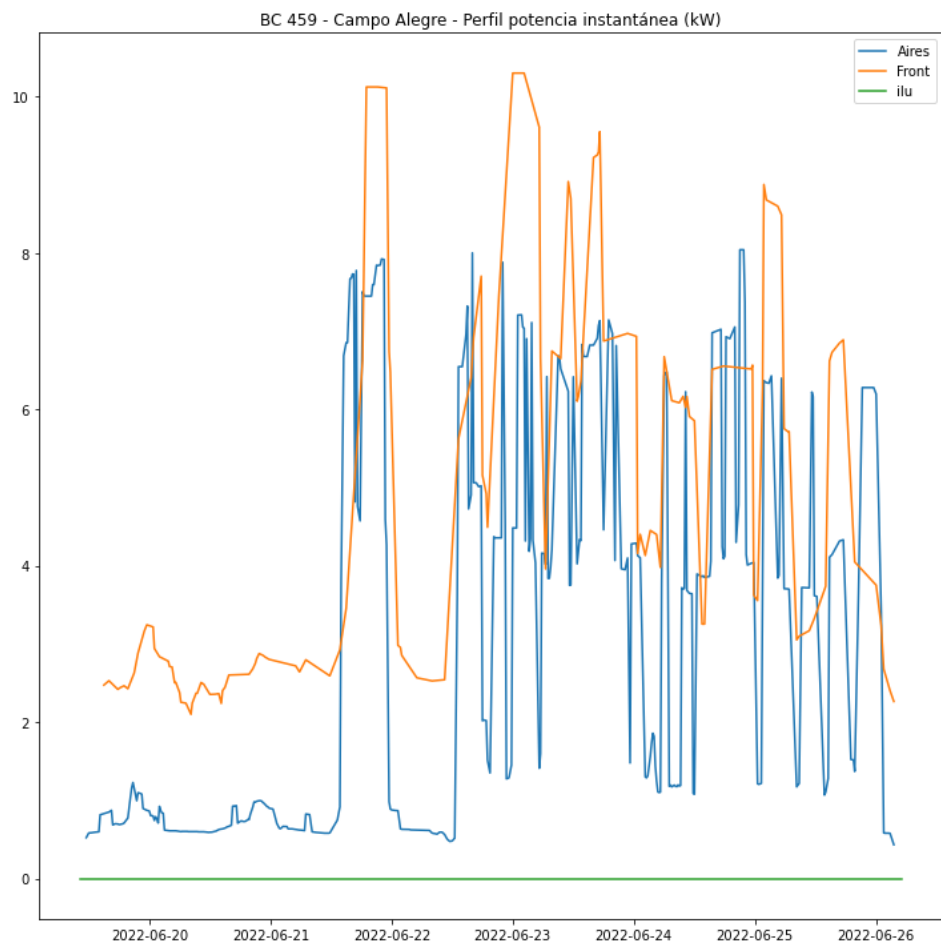


timestamp	Frontera (kWh)	HVAC (kWh)	Iluminación (kWh)	Otros (kWh)
2022-06-19 00:00:00	64.26	25.440	0.0	38.820
2022-06-20 00:00:00	81.29	29.680	0.0	51.610
2022-06-21 00:00:00	286.67	197.240	0.0	89.430
2022-06-22 00:00:00	295.42	202.900	0.0	92.520
2022-06-23 00:00:00	295.42	202.900	0.0	92.520
2022-06-24 00:00:00	272.91	181.190	0.0	91.720
2022-06-25 00:00:00	208.10	132.840	0.0	75.260
2022-06-26 00:00:00	19.17	6.870	0.0	12.300
Total	1523.24	979.060	0.0	544.180
%	100.00	64.275	0.0	35.725

Hallazgos:

- Sin hallazgos de relevancia, consumos nocturnos durante las noches y fines de semana ~ 25 kWh durante el fin de semana del 19 / 20 de junio, ~ 7 kWh durante el 26 de junio

BC 459 - Campo Alegre

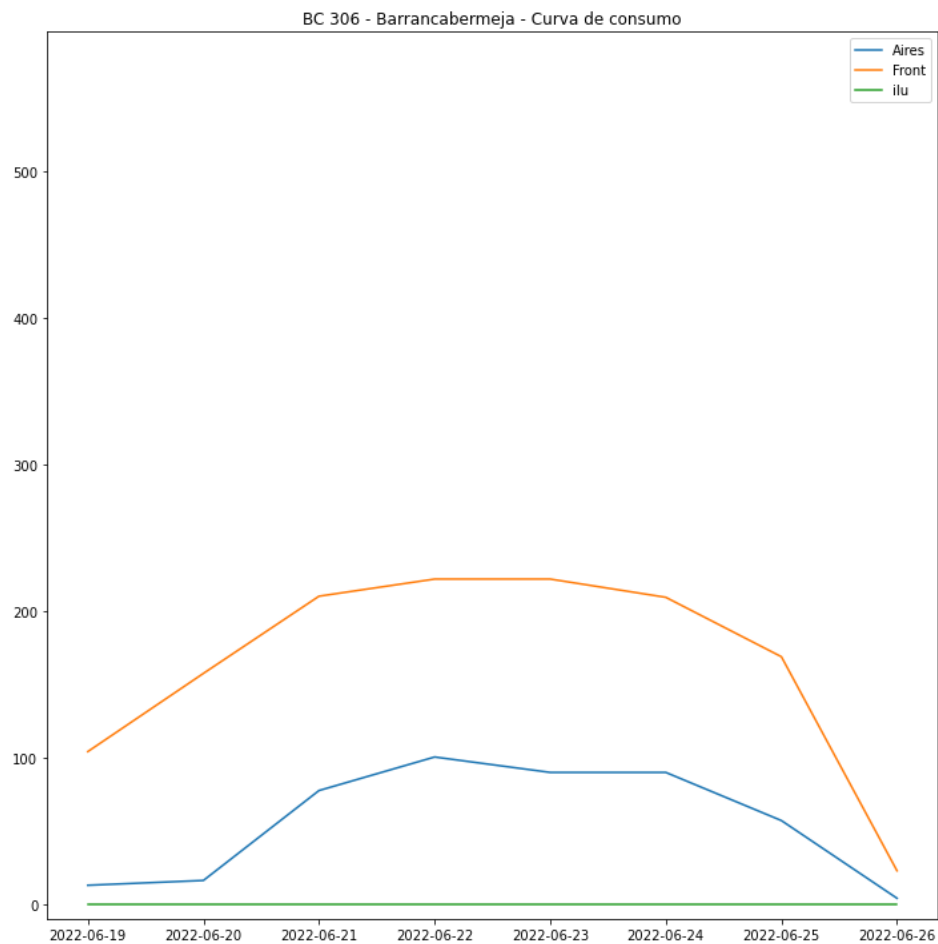
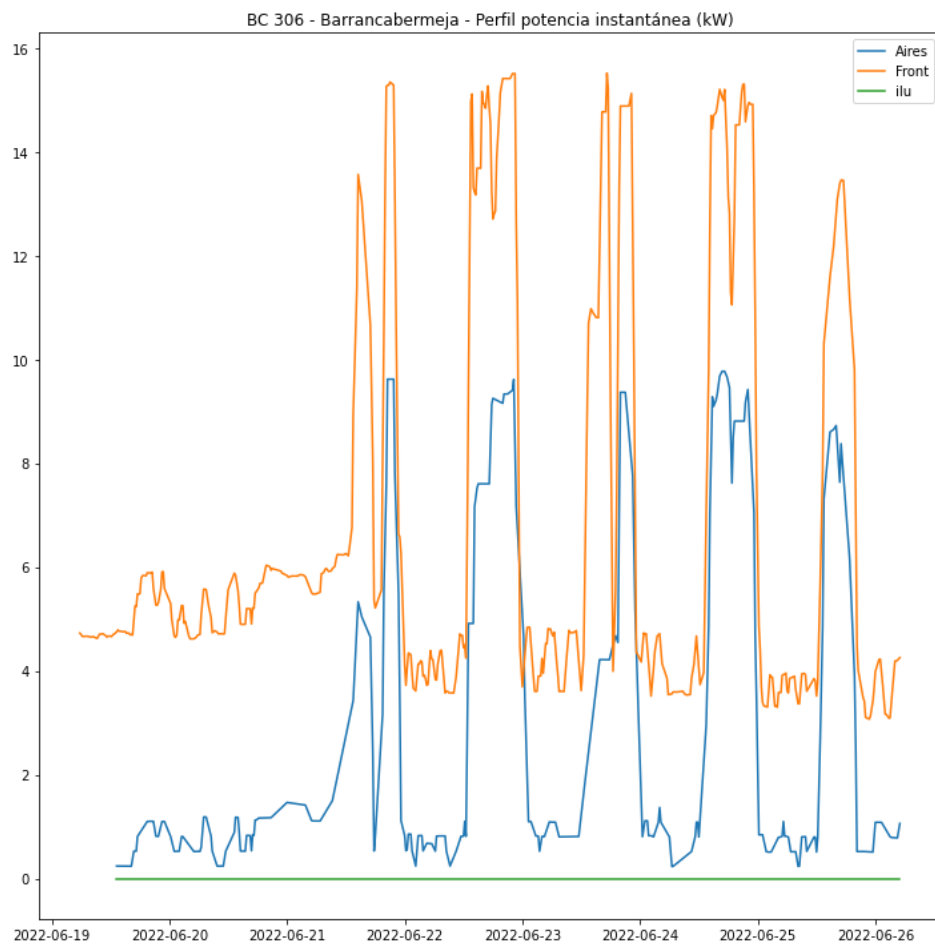


timestamp	Frontera (kWh)	HVAC (kWh)	Iluminación (kWh)	Otros (kWh)
2022-06-19 00:00:00	40.87	13.330	0.0	27.540
2022-06-20 00:00:00	58.81	17.010	0.0	41.800
2022-06-21 00:00:00	110.05	84.100	0.0	25.950
2022-06-22 00:00:00	127.26	88.720	0.0	38.540
2022-06-23 00:00:00	127.26	118.430	0.0	8.830
2022-06-24 00:00:00	127.20	118.430	0.0	8.770
2022-06-25 00:00:00	124.17	88.980	0.0	35.190
2022-06-26 00:00:00	15.02	2.130	0.0	12.890
Total	730.64	531.130	0.0	199.510
%	100.00	72.694	0.0	27.306

Hallazgos:

- Consumos erráticos del aire acondicionado durante todo el periodo monitoreado a excepción de los fines de semana, se sugiere validar si existe alguna carga adicional al aire acondicionado que explique este comportamiento.

BC 306 - Barrancabermeja

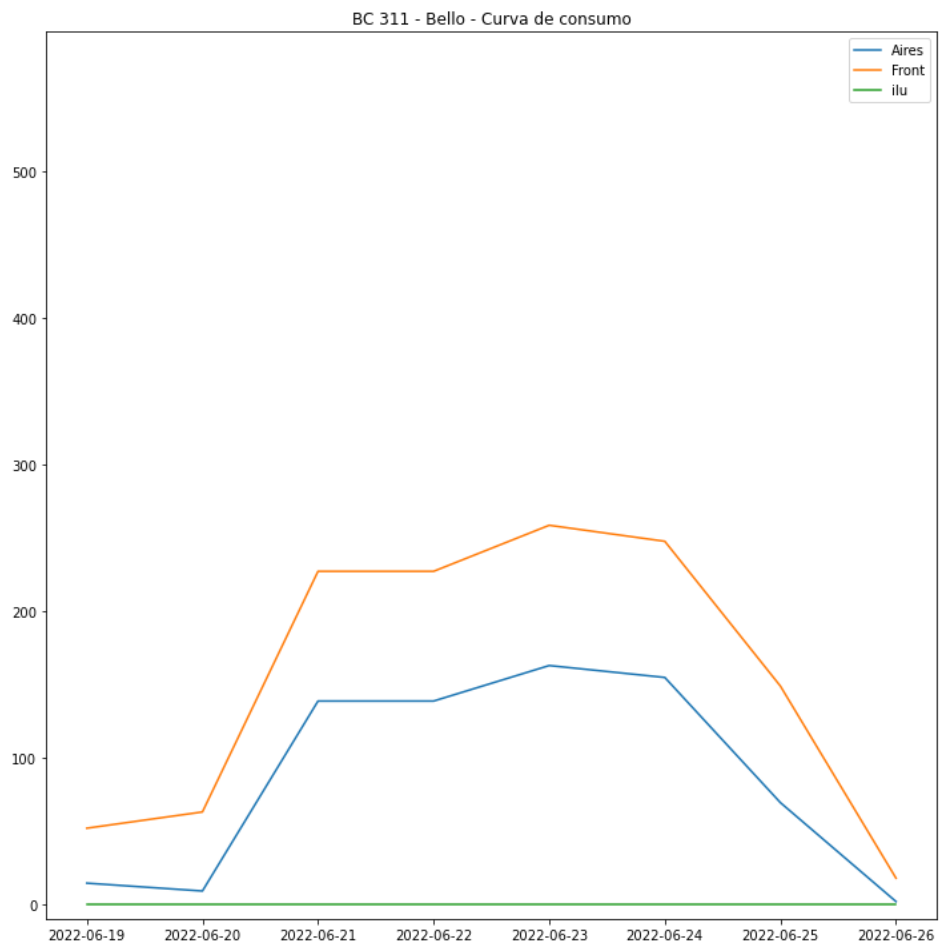
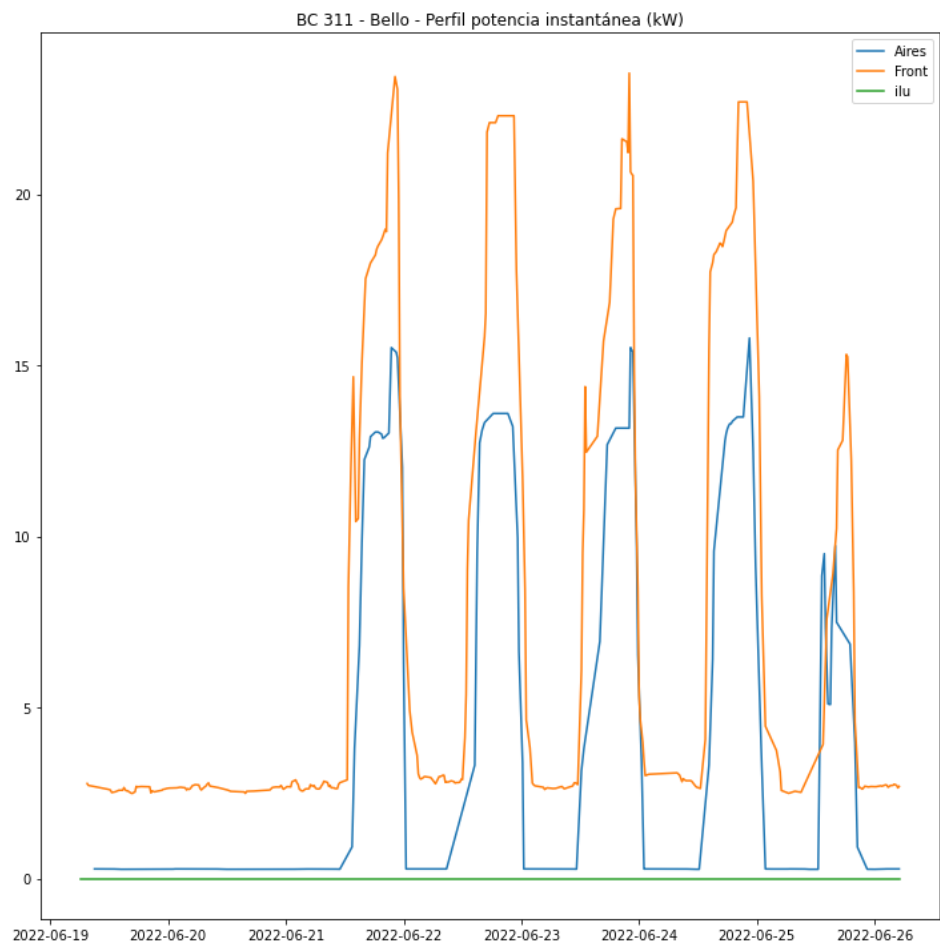


timestamp	Frontera (kWh)	HVAC (kWh)	Iluminación (kWh)	Otros (kWh)
2022-06-19 00:00:00	104.03	12.840	0.0	91.190
2022-06-20 00:00:00	157.37	16.120	0.0	141.250
2022-06-21 00:00:00	210.03	77.460	0.0	132.570
2022-06-22 00:00:00	221.71	100.340	0.0	121.370
2022-06-23 00:00:00	221.71	89.820	0.0	131.890
2022-06-24 00:00:00	209.27	89.820	0.0	119.450
2022-06-25 00:00:00	168.74	56.980	0.0	111.760
2022-06-26 00:00:00	22.74	3.980	0.0	18.760
Total	1315.60	447.360	0.0	868.240
%	100.00	34.004	0.0	65.996

Hallazgos:

- Cargas residuales no monitoreadas ~ 12 kWh durante las noches, se sugiere validar si existe alguna carga adicional al aire acondicionado que explique este comportamiento.

BC 311 - Bello



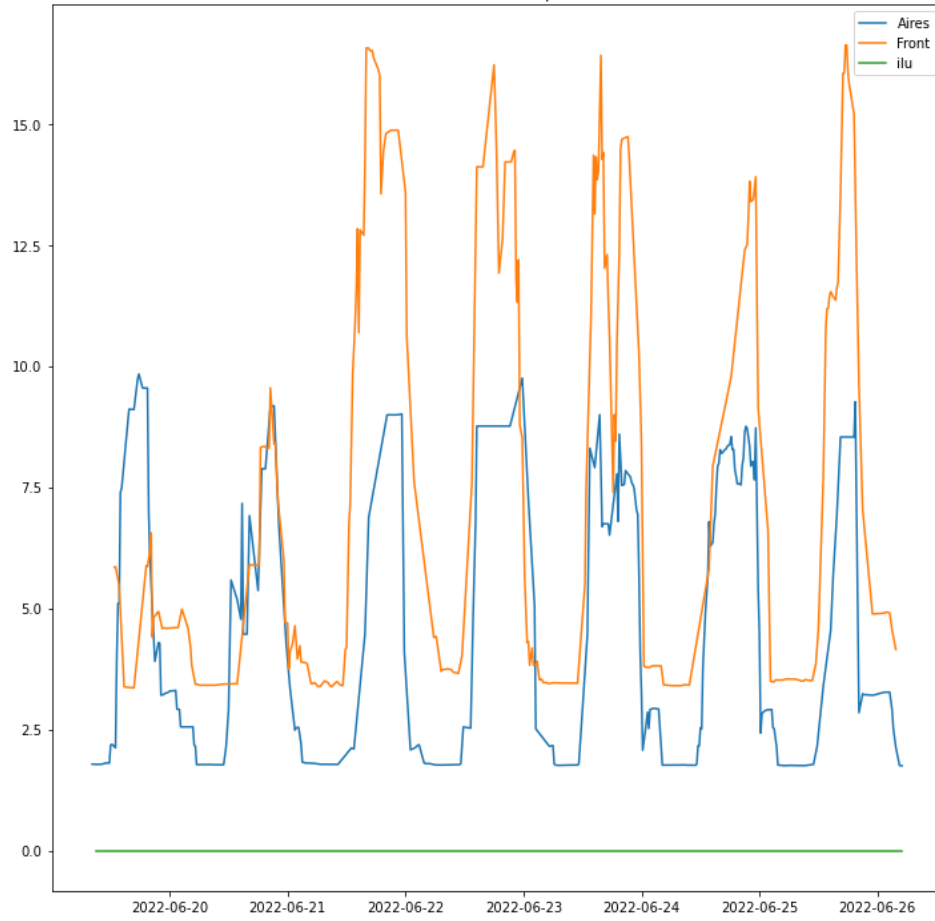
	Frontera (kWh)	HVAC (kWh)	Iluminación (kWh)	Otros (kWh)
timestamp				
2022-06-19 00:00:00	51.76	14.280	0.0	37.480
2022-06-20 00:00:00	62.84	8.920	0.0	53.920
2022-06-21 00:00:00	227.00	138.500	0.0	88.500
2022-06-22 00:00:00	227.00	138.500	0.0	88.500
2022-06-23 00:00:00	258.41	162.720	0.0	95.690
2022-06-24 00:00:00	247.48	154.600	0.0	92.880
2022-06-25 00:00:00	148.71	69.210	0.0	79.500
2022-06-26 00:00:00	17.70	1.730	0.0	15.970
Total	1240.90	688.460	0.0	552.440
%	100.00	55.481	0.0	44.519

Hallazgos:

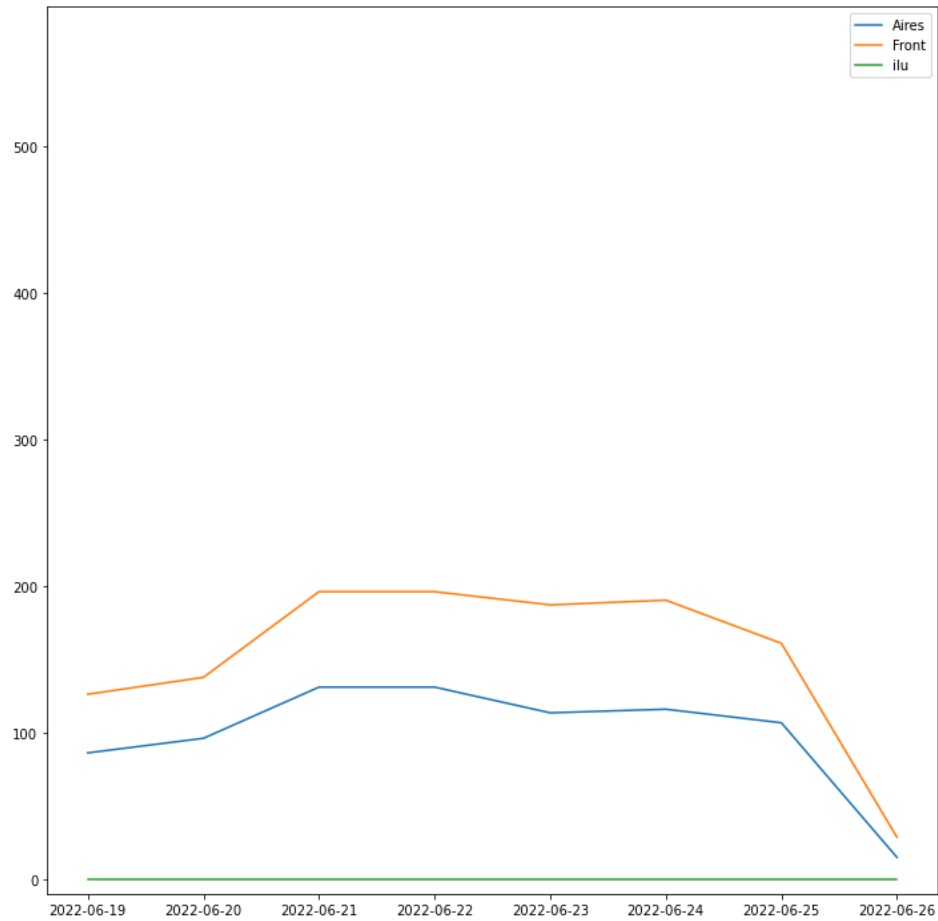
- Sin hallazgos de relevancia

BC 185 - Llano Grande Palmira

BC 185 - Llano Grande Palmira - Perfil potencia instantánea (kW)



BC 185 - Llano Grande Palmira - Curva de consumo

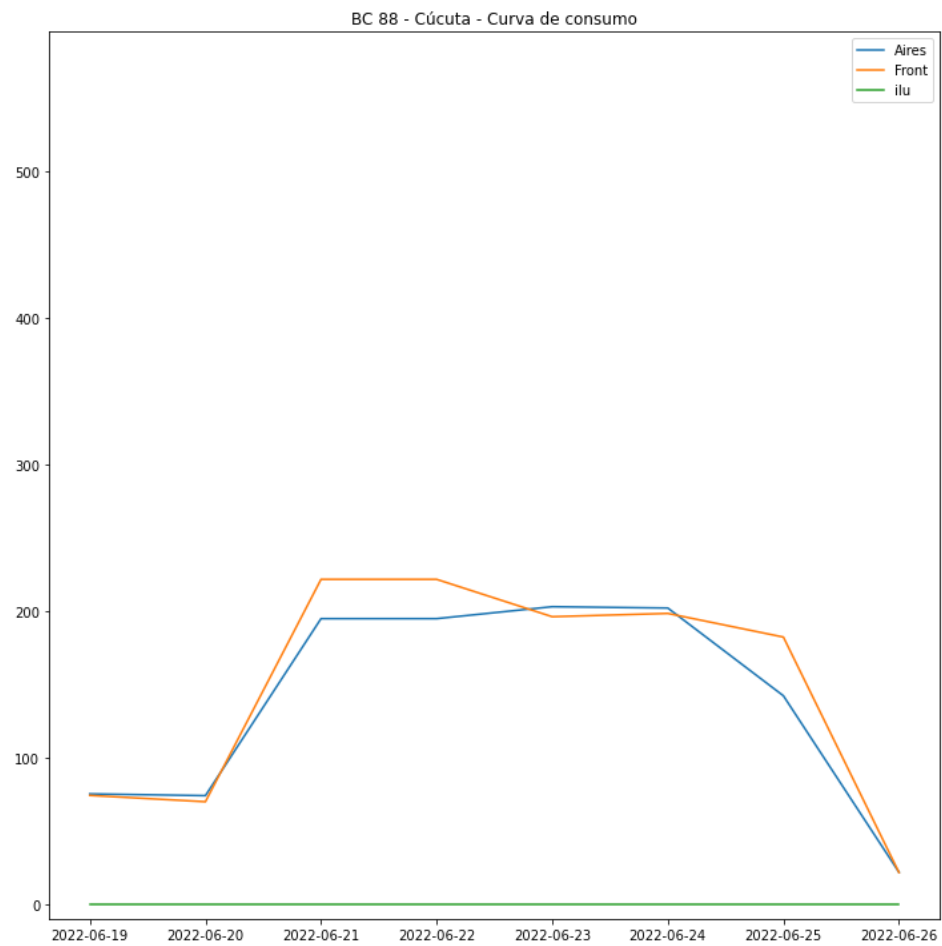
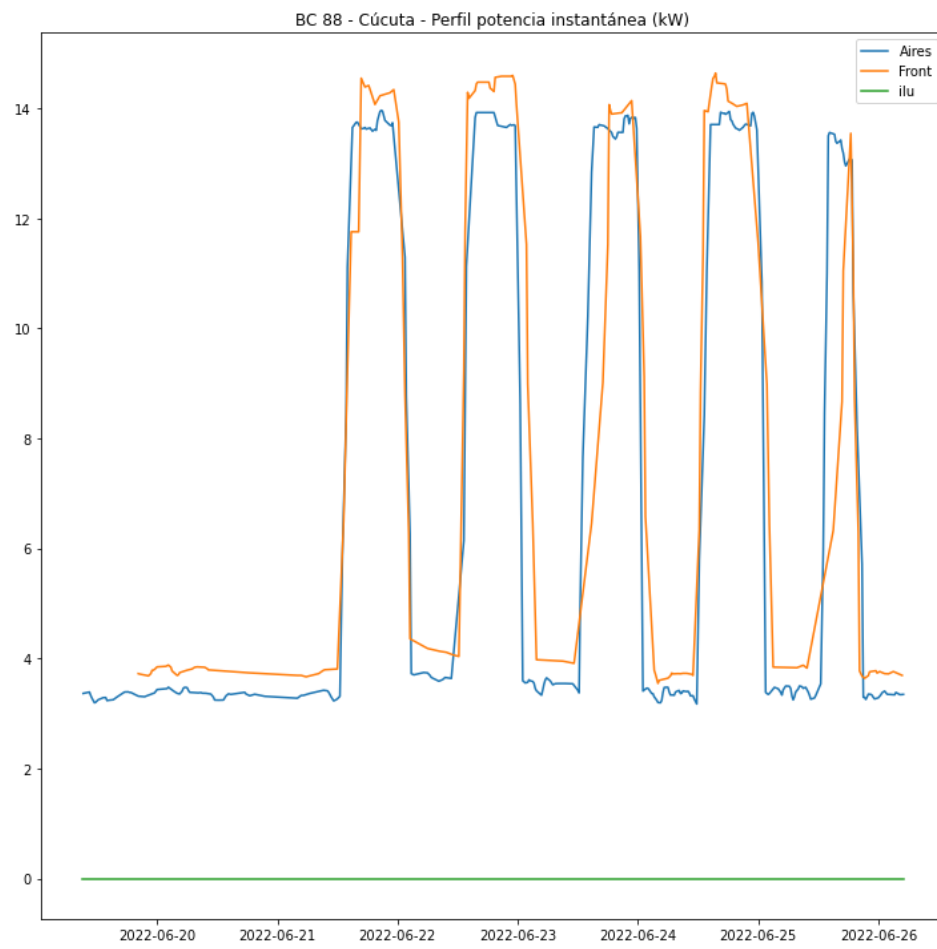


	Frontera (kWh)	HVAC (kWh)	Iluminación (kWh)	Otros (kWh)
timestamp				
2022-06-19 00:00:00	126.09	86.100	0.0	39.990
2022-06-20 00:00:00	137.61	96.030	0.0	41.580
2022-06-21 00:00:00	196.05	130.960	0.0	65.090
2022-06-22 00:00:00	196.05	130.960	0.0	65.090
2022-06-23 00:00:00	187.04	113.410	0.0	73.630
2022-06-24 00:00:00	190.26	115.880	0.0	74.380
2022-06-25 00:00:00	160.83	106.620	0.0	54.210
2022-06-26 00:00:00	28.53	14.800	0.0	13.730
Total	1222.46	794.760	0.0	427.700
%	100.00	65.013	0.0	34.987

Hallazgos:

- Consumo de Aire acondicionado constante incluso durante fines de semana, especialmente durante el fin de semana del 20 de junio ~ 90 kWh por día.
- Circuito de Aire se mantiene encendido durante el 24, 25 y 26 de junio hasta las 9:30 PM aproximadamente

BC 88 - Cúcuta

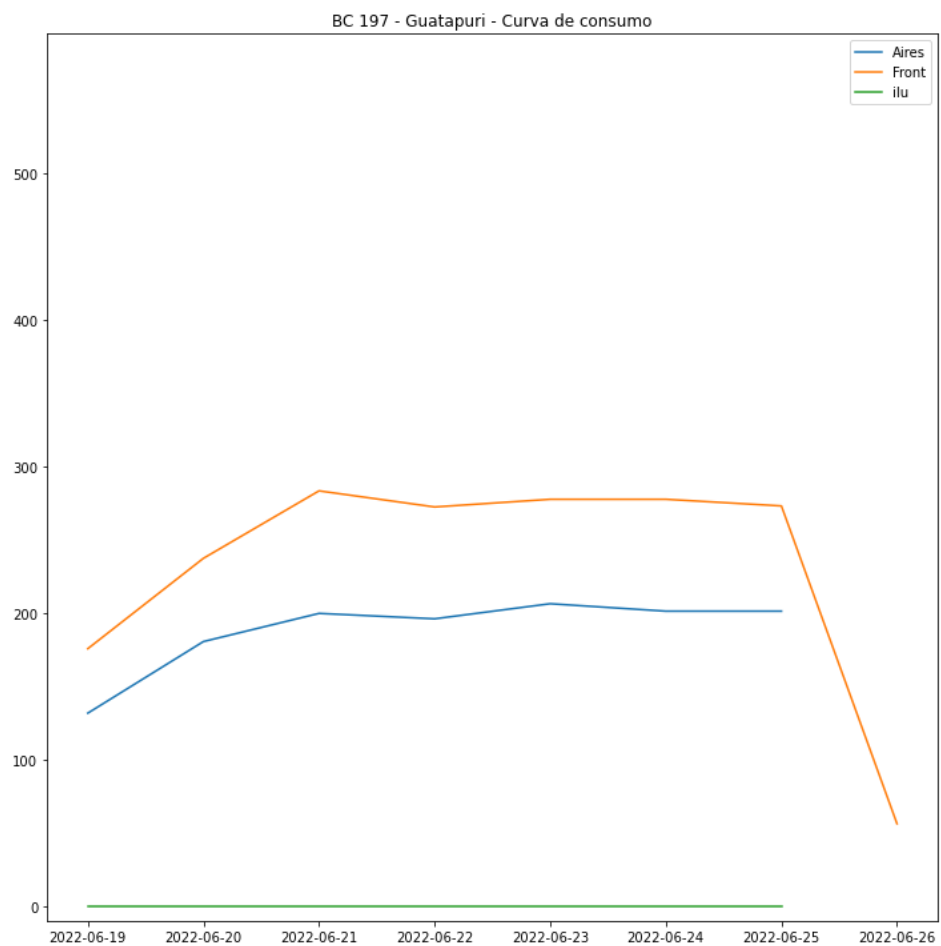
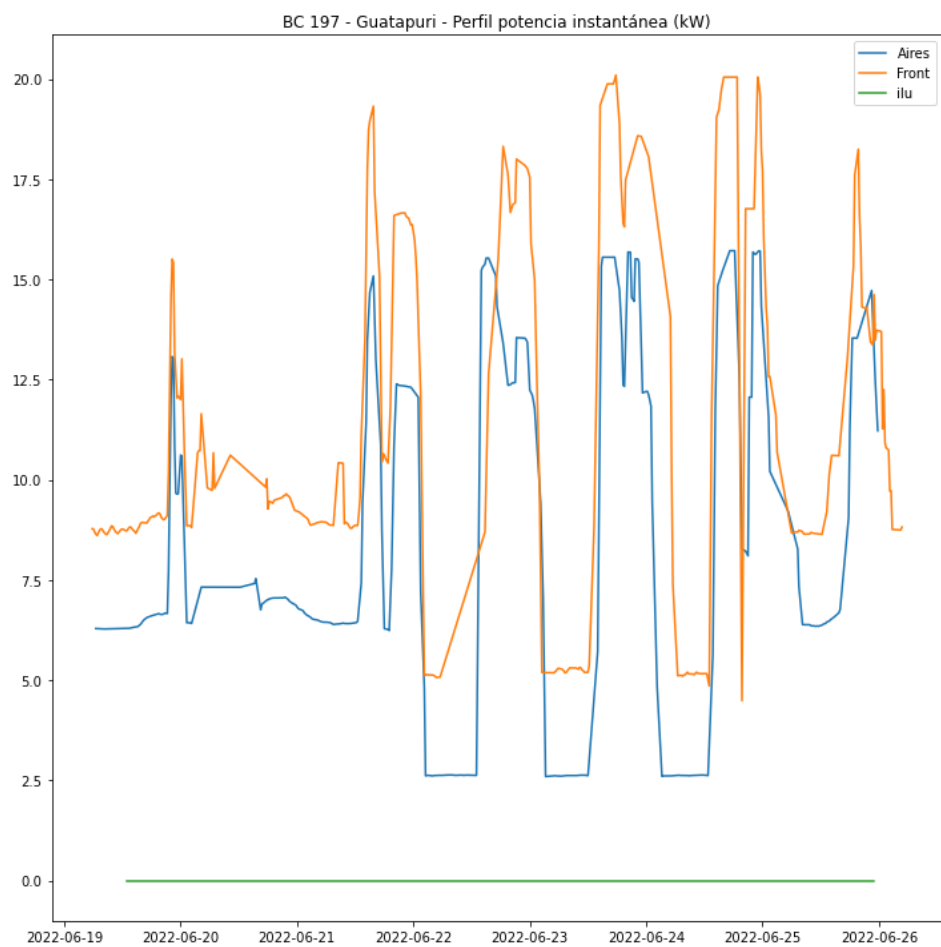


	Frontera (kWh)	HVAC (kWh)	Iluminación (kWh)	Otros (kWh)
timestamp				
2022-06-19 00:00:00	74.13	75.170	0.0	-1.040
2022-06-20 00:00:00	69.82	73.980	0.0	-4.160
2022-06-21 00:00:00	221.53	194.720	0.0	26.810
2022-06-22 00:00:00	221.53	194.720	0.0	26.810
2022-06-23 00:00:00	196.04	202.860	0.0	-6.820
2022-06-24 00:00:00	198.28	201.960	0.0	-3.680
2022-06-25 00:00:00	182.14	142.100	0.0	40.040
2022-06-26 00:00:00	21.56	21.710	0.0	-0.150
Total	1185.03	1107.220	0.0	77.810
%	100.00	93.434	0.0	6.566

Hallazgos:

- Sin hallazgos de relevancia, consumo de Aire acondicionado representa aproximadamente el 93% del consumo total
- Consumo de aire durante las noches y fines de semana ~ 12 kWh

BC 197 - Guatapuri



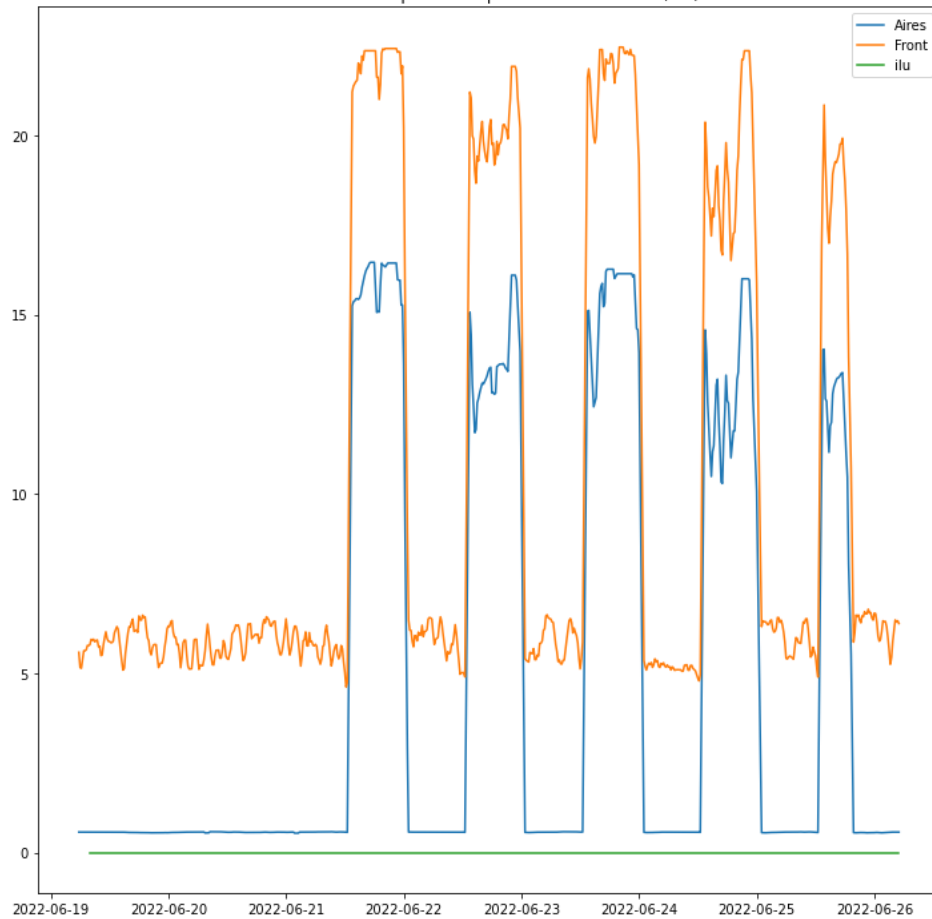
	Frontera (kWh)	HVAC (kWh)	Iluminación (kWh)	Otros (kWh)
timestamp				
2022-06-19 00:00:00	175.59	131.62	0.0	43.97
2022-06-20 00:00:00	237.24	180.45	0.0	56.79
2022-06-21 00:00:00	283.25	199.66	0.0	83.59
2022-06-22 00:00:00	272.26	195.97	0.0	76.29
2022-06-23 00:00:00	277.50	206.26	0.0	71.24
2022-06-24 00:00:00	277.50	201.19	0.0	76.31
2022-06-25 00:00:00	272.98	201.19	0.0	71.79
Total	1796.32	1316.34	0.0	479.98
%	100.00	73.28	0.0	26.72

Hallazgos:

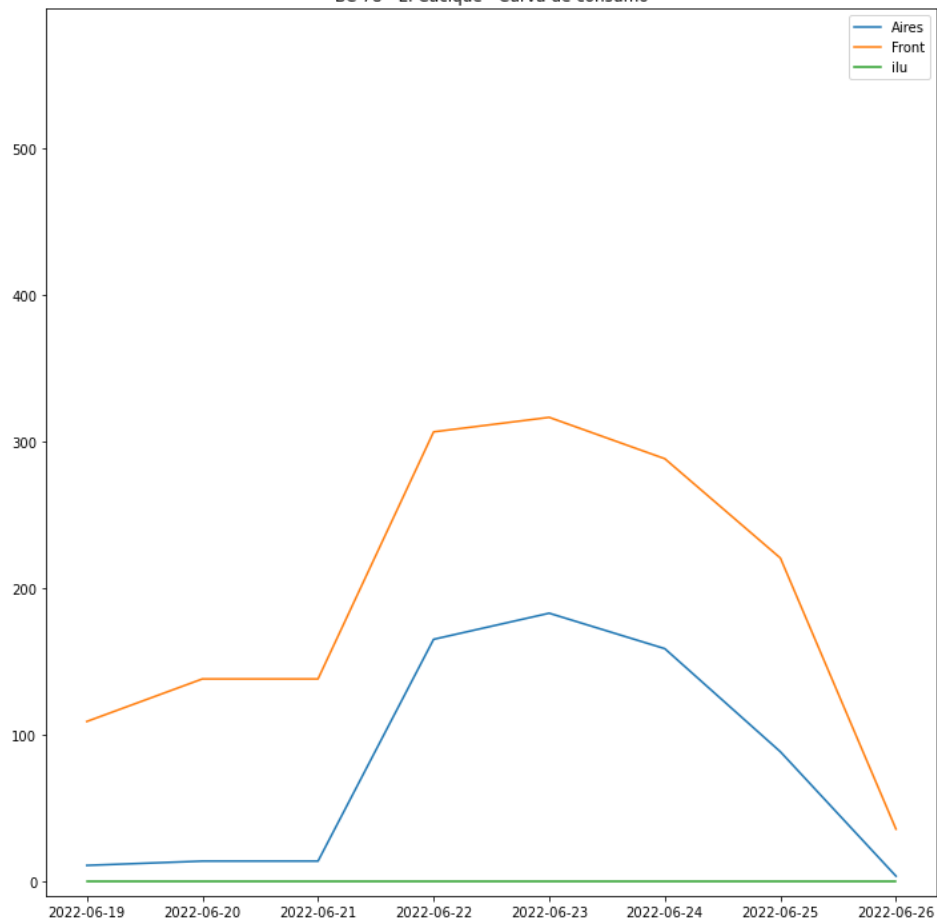
- Consumo de aire nocturnos y fines de semana ~ 24 kWh que suman más de 100 kWh durante los fines de semana

BC 78 - El Cacique

BC 78 - El Cacique - Perfil potencia instantánea (kW)



BC 78 - El Cacique - Curva de consumo

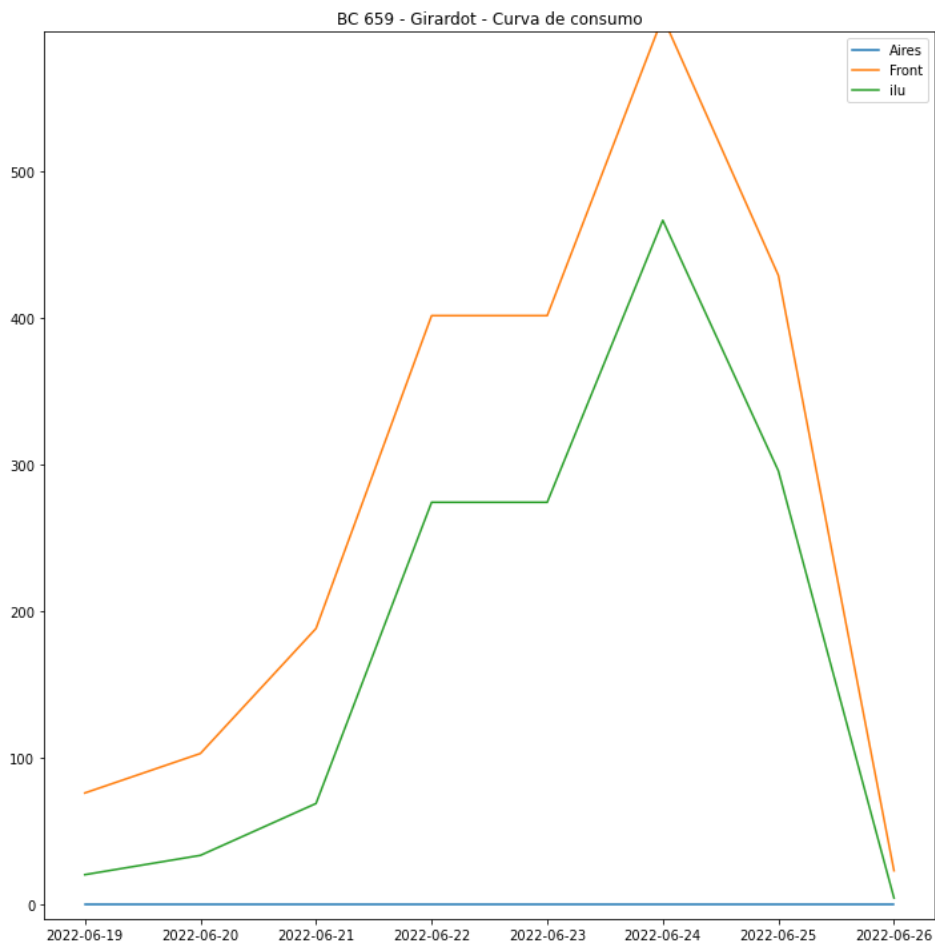
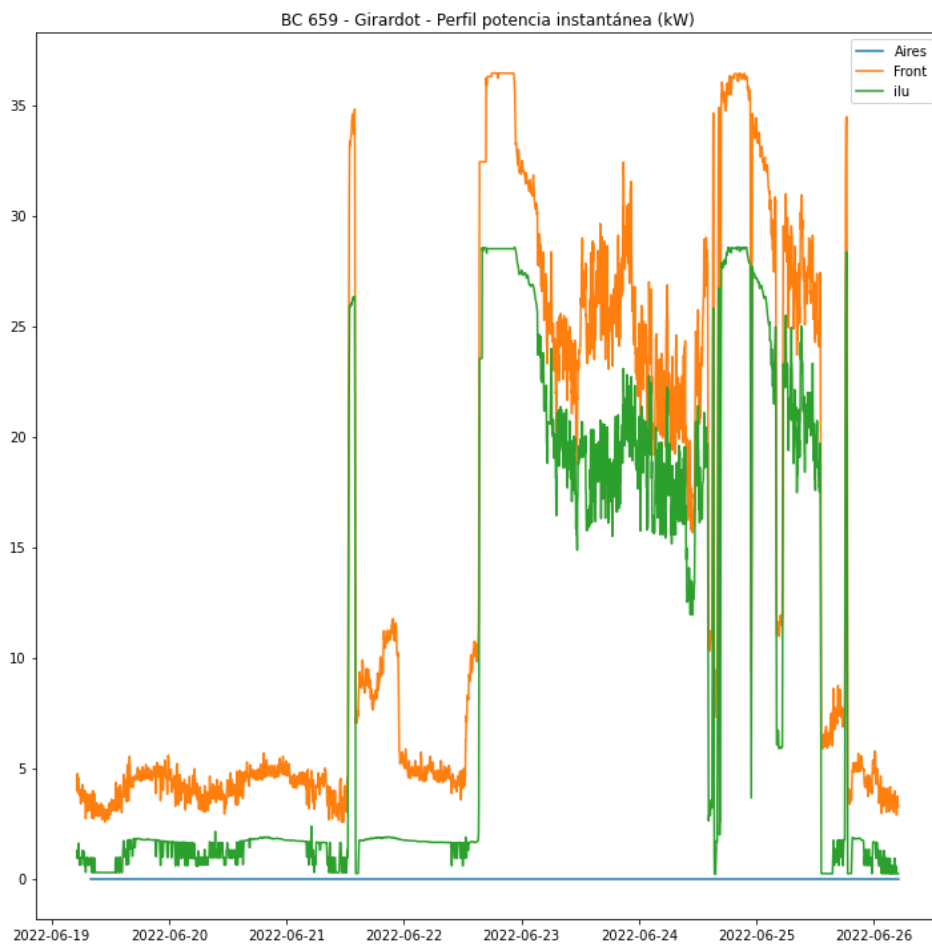


	Frontera (kWh)	HVAC (kWh)	Iluminación (kWh)	Otros (kWh)
timestamp				
2022-06-19 00:00:00	108.88	10.710	0.0	98.170
2022-06-20 00:00:00	137.91	13.620	0.0	124.290
2022-06-21 00:00:00	137.91	13.620	0.0	124.290
2022-06-22 00:00:00	306.44	164.930	0.0	141.510
2022-06-23 00:00:00	316.34	182.740	0.0	133.600
2022-06-24 00:00:00	288.13	158.550	0.0	129.580
2022-06-25 00:00:00	220.34	88.230	0.0	132.110
2022-06-26 00:00:00	35.45	3.380	0.0	32.070
Total	1551.40	635.780	0.0	915.620
%	100.00	40.981	0.0	59.019

Hallazgos:

- Sin hallazgos de relevancia

BC 659 - Girardot



	Frontera (kWh)	HVAC (kWh)	Iluminación (kWh)	Otros (kWh)
timestamp				
2022-06-19 00:00:00	75.78	0.0	20.060	55.720
2022-06-20 00:00:00	102.74	0.0	33.240	69.500
2022-06-21 00:00:00	188.00	0.0	68.620	119.380
2022-06-22 00:00:00	401.42	0.0	274.090	127.330
2022-06-23 00:00:00	401.42	0.0	274.090	127.330
2022-06-24 00:00:00	605.04	0.0	466.440	138.600
2022-06-25 00:00:00	428.83	0.0	295.470	133.360
2022-06-26 00:00:00	22.79	0.0	4.150	18.640
Total	2226.02	0.0	1436.160	789.860
%	100.00	0.0	64.517	35.483

Hallazgos:

- Consumo errático durante toda la semana, lo cual representó un incremento de consumo en más de 60%