

Program Version: EnergyPlus, Version 8.6.0-198c6a3cff, YMD=2018.06.10 00:31

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Tabular Output Report in Format: HTML

Building: **Building**

Environment: **CHRISTCHURCH (01-01:31-12) \*\* Christchurch Canterbury New Zealand TMY2 NIWA 4843 H32451 WMO#=937800**

Simulation Timestamp: **2018-06-10 00:35:52**

Report: **Annual Building Utility Performance Summary**

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For: **Entire Facility**

Timestamp: **2018-06-10 00:35:52**

Values gathered over **8760.00** hours

**Site and Source Energy**

	Total Energy [kWh]	Energy Per Total Building Area [kWh/m2]	Energy Per Conditioned Building Area [kWh/m2]
Total Site Energy	39712.83	41.27	73.35
Net Site Energy	39712.83	41.27	73.35
Total Source Energy	127786.49	132.80	236.04
Net Source Energy	127786.49	132.80	236.04

**Site to Source Energy Conversion Factors**

	Site=>Source Conversion Factor
Electricity	3.167
Natural Gas	1.084
District Cooling	1.056
District Heating	3.613
Steam	0.250
Gasoline	1.050
Diesel	1.050
Coal	1.050
Fuel Oil #1	1.050
Fuel Oil #2	1.050
Propane	1.050
Other Fuel 1	1.000
Other Fuel 2	1.000

**Building Area**

	Area [m2]
Total Building Area	962.21
Net Conditioned Building Area	541.38
Unconditioned Building Area	420.83

**End Uses**

	Electricity [kWh]	Natural Gas [kWh]	Additional Fuel [kWh]	District Cooling [kWh]	District Heating [kWh]	Water [m3]
Heating	0.00	0.00	0.00	0.00	4516.71	0.00
Cooling	0.00	0.00	0.00	0.00	0.00	0.00
Interior Lighting	22061.83	0.00	0.00	0.00	0.00	0.00
Exterior Lighting	0.00	0.00	0.00	0.00	0.00	0.00
Interior Equipment	13134.29	0.00	0.00	0.00	0.00	0.00
Exterior Equipment	0.00	0.00	0.00	0.00	0.00	0.00
Fans	0.00	0.00	0.00	0.00	0.00	0.00
Pumps	0.00	0.00	0.00	0.00	0.00	0.00
Heat Rejection	0.00	0.00	0.00	0.00	0.00	0.00
Humidification	0.00	0.00	0.00	0.00	0.00	0.00
Heat Recovery	0.00	0.00	0.00	0.00	0.00	0.00
Water Systems	0.00	0.00	0.00	0.00	0.00	0.00
Refrigeration	0.00	0.00	0.00	0.00	0.00	0.00
Generators	0.00	0.00	0.00	0.00	0.00	0.00
Total End Uses	35196.12	0.00	0.00	0.00	4516.71	0.00

Note: District heat appears to be the principal heating source based on energy usage.

End Uses By Subcategory

	Subcategory	Electricity [kWh]	Natural Gas [kWh]	Additional Fuel [kWh]	District Cooling [kWh]	District Heating [kWh]	Water [m3]
Heating	General	0.00	0.00	0.00	0.00	4516.71	0.00
Cooling	General	0.00	0.00	0.00	0.00	0.00	0.00
Interior Lighting	ELECTRIC EQUIPMENT#StudioCornerSouth:Living#GeneralLights	944.93	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#StudioCornerSouth:Bedroom#GeneralLights	495.47	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#StudioCornerSouth:Bathroom#GeneralLights	223.65	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#StudioSouth:Bedroom#GeneralLights	495.76	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#StudioSouth:Living#GeneralLights	944.51	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#StudioSouth:Bathroom#GeneralLights	223.78	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaLivingFloor:MediaSouth#GeneralLights	456.01	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaLivingFloor:Bathroom#GeneralLights	159.18	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaLivingFloor:LivingNorth#GeneralLights	2243.40	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaBedroomFloor:BedroomSouth#GeneralLights	611.81	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaBedroomFloor:Bathroom#GeneralLights	172.96	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaBedroomFloor:Hall#GeneralLights	237.14	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaBedroomFloor:BedroomNorth#GeneralLights	843.82	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaBedroomFloor:WIC#GeneralLights	251.79	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaBedroomFloor:MediaNorth#GeneralLights	355.06	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#ResortRoom:Bathroom1#GeneralLights	196.84	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#ResortRoom:BedroomSouth#GeneralLights	633.48	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#ResortRoom:Hall#GeneralLights	251.05	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#ResortRoom:LivingNorth#GeneralLights	1024.22	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#ResortRoom:Bathroom#GeneralLights	227.00	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#ResortRoom:BedroomNorth#GeneralLights	415.10	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#LuxuryApartment:Storage#GeneralLights	231.13	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#LuxuryApartment:LivingNorth#GeneralLights	1739.74	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#LuxuryApartment:Bathroom1#GeneralLights	95.23	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#LuxuryApartment:Bathroom#GeneralLights	218.03	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#LuxuryApartment:BedroomSouth#GeneralLights	463.57	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#PH1LivingLevel:BedroomSouth#GeneralLights	437.36	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#PH1LivingLevel:LivingNorth#GeneralLights	1926.56	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#PH1LivingLevel:Storage#GeneralLights	192.80	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#PH1LivingLevel:Bathroom#GeneralLights	190.98	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#PH1BedroomLevel:Bedroom#GeneralLights	1566.97	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#PH1BedroomLevel:Study#GeneralLights	405.98	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#PH1BedroomLevel:Void#GeneralLights	2.12	0.00	0.00	0.00	0.00	0.00
ELECTRIC EQUIPMENT#Garage1:Zone1#GeneralLights	1382.83	0.00	0.00	0.00	0.00	0.00	
ELECTRIC EQUIPMENT#Garage2:Zone1#GeneralLights	1271.95	0.00	0.00	0.00	0.00	0.00	
ELECTRIC EQUIPMENT#Stairs1:Zone1#GeneralLights	264.81	0.00	0.00	0.00	0.00	0.00	
ELECTRIC EQUIPMENT#Stairs2:Zone1#GeneralLights	264.81	0.00	0.00	0.00	0.00	0.00	
Exterior Lighting	General	0.00	0.00	0.00	0.00	0.00	0.00
Interior Equipment	ELECTRIC EQUIPMENT#StudioCornerSouth:Living#02	566.96	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#StudioCornerSouth:Bedroom#02	297.28	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#StudioCornerSouth:Bathroom#02	134.19	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#StudioSouth:Bedroom#02	297.45	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#StudioSouth:Living#02	566.70	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#StudioSouth:Bathroom#02	134.27	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaLivingFloor:MediaSouth#02	273.60	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaLivingFloor:Bathroom#02	95.51	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaLivingFloor:LivingNorth#02	1346.04	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaBedroomFloor:BedroomSouth#02	367.08	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaBedroomFloor:Bathroom#02	103.77	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaBedroomFloor:Hall#02	142.28	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaBedroomFloor:BedroomNorth#02	506.29	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaBedroomFloor:WIC#02	151.07	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaBedroomFloor:MediaNorth#02	213.04	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#ResortRoom:Bathroom1#02	118.11	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#ResortRoom:BedroomSouth#02	380.09	0.00	0.00	0.00	0.00	0.00
ELECTRIC EQUIPMENT#ResortRoom:Hall#02	150.63	0.00	0.00	0.00	0.00	0.00	

	ELECTRIC EQUIPMENT#ResortRoom:LivingNorth#02	614.53	0.00	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#ResortRoom:Bathroom#02	136.20	0.00	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#ResortRoom:BedroomNorth#02	249.06	0.00	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#LuxuryApartment:Storage#02	138.68	0.00	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#LuxuryApartment:LivingNorth#02	1043.84	0.00	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#LuxuryApartment:Bathroom1#02	57.14	0.00	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#LuxuryApartment:Bathroom#02	130.82	0.00	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#LuxuryApartment:BedroomSouth#02	278.14	0.00	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#PH1LivingLevel:BedroomSouth#02	262.41	0.00	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#PH1LivingLevel:LivingNorth#02	1155.94	0.00	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#PH1LivingLevel:Storage#02	115.68	0.00	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#PH1LivingLevel:Bathroom#02	114.59	0.00	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#PH1BedroomLevel:Bedroom#02	940.18	0.00	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#PH1BedroomLevel:Study#02	243.59	0.00	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#PH1Roof:Zone1#02	1809.10	0.00	0.00	0.00	0.00	0.00	0.00
Exterior Equipment	General	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fans	General	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pumps	General	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heat Rejection	General	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Humidification	General	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heat Recovery	General	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Systems	General	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Refrigeration	General	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Generators	General	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**Normalized Metrics**

**Utility Use Per Conditioned Floor Area**

	Electricity Intensity [kWh/m2]	Natural Gas Intensity [kWh/m2]	Additional Fuel Intensity [kWh/m2]	District Cooling Intensity [kWh/m2]	District Heating Intensity [kWh/m2]	Water Intensity [m3/m2]
Lighting	40.75	0.00	0.00	0.00	0.00	0.00
HVAC	0.00	0.00	0.00	0.00	8.34	0.00
Other	24.26	0.00	0.00	0.00	0.00	0.00
Total	65.01	0.00	0.00	0.00	8.34	0.00

**Utility Use Per Total Floor Area**

	Electricity Intensity [kWh/m2]	Natural Gas Intensity [kWh/m2]	Additional Fuel Intensity [kWh/m2]	District Cooling Intensity [kWh/m2]	District Heating Intensity [kWh/m2]	Water Intensity [m3/m2]
Lighting	22.93	0.00	0.00	0.00	0.00	0.00
HVAC	0.00	0.00	0.00	0.00	4.69	0.00
Other	13.65	0.00	0.00	0.00	0.00	0.00
Total	36.58	0.00	0.00	0.00	4.69	0.00

**Electric Loads Satisfied**

	Electricity [kWh]	Percent Electricity [%]
Fuel-Fired Power Generation	0.000	0.00
High Temperature Geothermal*	0.000	0.00
Photovoltaic Power	0.000	0.00
Wind Power	0.000	0.00
Power Conversion	0.000	0.00
Net Decrease in On-Site Storage	0.000	0.00
Total On-Site Electric Sources	0.000	0.00
Electricity Coming From Utility	35196.116	100.00
Surplus Electricity Going To Utility	0.000	0.00
Net Electricity From Utility	35196.116	100.00
Total On-Site and Utility Electric Sources	35196.116	100.00
Total Electricity End Uses	35196.116	100.00

**On-Site Thermal Sources**

	Heat [kWh]	Percent Heat [%]
Water-Side Heat Recovery	0.00	

Air to Air Heat Recovery for Cooling	0.00	
Air to Air Heat Recovery for Heating	0.00	
High-Temperature Geothermal*	0.00	
Solar Water Thermal	0.00	
Solar Air Thermal	0.00	
Total On-Site Thermal Sources	0.00	

**Water Source Summary**

	Water [m3]	Percent Water [%]
Rainwater Collection	0.00	-
Condensate Collection	0.00	-
Groundwater Well	0.00	-
Total On Site Water Sources	0.00	-
-	-	-
Initial Storage	0.00	-
Final Storage	0.00	-
Change in Storage	0.00	-
-	-	-
Water Supplied by Utility	0.00	-
-	-	-
Total On Site, Change in Storage, and Utility Water Sources	0.00	-
Total Water End Uses	0.00	-

**Setpoint Not Met Criteria**

	Degrees [deltaC]
Tolerance for Zone Heating Setpoint Not Met Time	1.11
Tolerance for Zone Cooling Setpoint Not Met Time	1.11

**Comfort and Setpoint Not Met Summary**

	Facility [Hours]
Time Setpoint Not Met During Occupied Heating	0.00
Time Setpoint Not Met During Occupied Cooling	0.00
Time Not Comfortable Based on Simple ASHRAE 55-2004	4015.00

Note 1: An asterisk (\*) indicates that the feature is not yet implemented.

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Report: **Input Verification and Results Summary**

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For: **Entire Facility**

Timestamp: **2018-06-10 00:35:52**

**General**

	Value
Program Version and Build	EnergyPlus, Version 8.6.0-198c6a3cff, YMD=2018.06.10 00:31
RunPeriod	CHRISTCHURCH (01-01:31-12)
Weather File	Christchurch Canterbury New Zealand TMY2 NIWA 4843 H32451 WMO#=#937800
Latitude [deg]	-43.5

Longitude [deg]	172.54
Elevation [m]	37.00
Time Zone	12.00
North Axis Angle [deg]	350.00
Rotation for Appendix G [deg]	0.00
Hours Simulated [hrs]	8760.00

**ENVELOPE**

**Window-Wall Ratio**

	Total	North (315 to 45 deg)	East (45 to 135 deg)	South (135 to 225 deg)	West (225 to 315 deg)
Gross Wall Area [m2]	569.76	199.23	4.42	199.35	166.76
Above Ground Wall Area [m2]	569.76	199.23	4.42	199.35	166.76
Window Opening Area [m2]	179.41	112.28	0.00	64.54	2.59
Gross Window-Wall Ratio [%]	31.49	56.36	0.00	32.37	1.55
Above Ground Window-Wall Ratio [%]	31.49	56.36	0.00	32.37	1.55

**Conditioned Window-Wall Ratio**

	Total	North (315 to 45 deg)	East (45 to 135 deg)	South (135 to 225 deg)	West (225 to 315 deg)
Gross Wall Area [m2]	387.06	174.45	0.98	86.24	125.38
Above Ground Wall Area [m2]	387.06	174.45	0.98	86.24	125.38
Window Opening Area [m2]	163.57	111.35	0.00	49.63	2.59
Gross Window-Wall Ratio [%]	42.26	63.83	0.00	57.54	2.07
Above Ground Window-Wall Ratio [%]	42.26	63.83	0.00	57.54	2.07

**Skylight-Roof Ratio**

	Total
Gross Roof Area [m2]	287.12
Skylight Area [m2]	0.00
Skylight-Roof Ratio [%]	0.00

**PERFORMANCE**

**Zone Summary**

	Area [m2]	Conditioned (Y/N)	Part of Total Floor Area (Y/N)	Volume [m3]	Multipliers	Above Ground Gross Wall Area [m2]	Underground Gross Wall Area [m2]	Window Glass Area [m2]	Opening Area [m2]	Lighting [W/m2]	People [m2 per person]	Plug and Process [W/m2]
STUDIOCORNERSOUTH:LIVING	31.96	Yes	Yes	75.11	1.00	25.32	0.00	7.70	8.16	9.0000	34.97	5.4000
STUDIOCORNERSOUTH:BEDROOM	16.76	Yes	Yes	39.38	1.00	7.86	0.00	4.99	5.36	9.0000	34.97	5.4000
STUDIOCORNERSOUTH:BATHROOM	7.56	No	Yes	17.78	1.00	0.00	0.00	0.00	0.00	9.0000	34.97	5.4000
STUDIOSOUTH:BEDROOM	16.77	Yes	Yes	39.41	1.00	7.86	0.00	4.81	5.17	9.0000	34.97	5.4000
STUDIOSOUTH:LIVING	31.95	Yes	Yes	75.07	1.00	10.32	0.00	7.69	8.16	9.0000	34.97	5.4000
STUDIOSOUTH:BATHROOM	7.57	No	Yes	17.79	1.00	0.00	0.00	0.00	0.00	9.0000	34.97	5.4000
VILLALIVINGFLOOR:MEDIASOUTH	15.42	Yes	Yes	43.50	1.00	22.21	0.00	5.80	6.34	9.0000	34.97	5.4000
VILLALIVINGFLOOR:BATHROOM	5.38	No	Yes	15.18	1.00	4.15	0.00	0.62	0.62	9.0000	34.97	5.4000
VILLALIVINGFLOOR:LIVINGNORTH	75.88	Yes	Yes	213.98	1.00	57.03	0.00	15.76	17.18	9.0000	34.97	5.4000
VILLABEDROOMFLOOR:BEDROOMSOUTH	20.69	Yes	Yes	58.36	1.00	21.85	0.00	8.61	9.23	9.0000	34.97	5.4000
VILLABEDROOMFLOOR:BATHROOM	5.85	No	Yes	16.50	1.00	4.51	0.00	0.47	0.62	9.0000	34.97	5.4000
VILLABEDROOMFLOOR:HALL	8.02	No	Yes	22.62	1.00	0.00	0.00	0.00	0.00	9.0000	34.97	5.4000
VILLABEDROOMFLOOR:BEDROOMNORTH	28.54	Yes	Yes	80.49	1.00	28.58	0.00	8.61	9.23	9.0000	34.97	5.4000
VILLABEDROOMFLOOR:WIC	8.52	No	Yes	24.02	1.00	0.00	0.00	0.00	0.00	9.0000	34.97	5.4000
VILLABEDROOMFLOOR:MEDIANORTH	12.01	Yes	Yes	33.87	1.00	8.92	0.00	5.29	5.66	9.0000	34.97	5.4000
VILLABEDROOMFLOOR:BARHROOM	13.06	No	Yes	36.82	1.00	19.53	0.00	1.53	1.85	0.0000		0.0000
VILLAROOOF:ZONE1	98.53	No	Yes	170.11	1.00	16.41	0.00	0.00	0.00	0.0000		0.0000
RESORTROOM:BATHROOM1	6.66	No	Yes	18.78	1.00	4.63	0.00	0.47	0.62	9.0000	34.97	5.4000
RESORTROOM:BEDROOMSOUTH	21.43	Yes	Yes	60.42	1.00	11.41	0.00	5.29	5.66	9.0000	34.97	5.4000
RESORTROOM:HALL	8.49	No	Yes	23.95	1.00	0.00	0.00	0.00	0.00	9.0000	34.97	5.4000
RESORTROOM:LIVINGNORTH	34.64	Yes	Yes	97.69	1.00	12.39	0.00	8.15	8.62	9.0000	34.97	5.4000
RESORTROOM:BATHROOM	7.68	No	Yes	21.65	1.00	0.00	0.00	0.00	0.00	9.0000	34.97	5.4000
RESORTROOM:BEDROOMNORTH	14.04	Yes	Yes	39.59	1.00	9.44	0.00	5.29	5.66	9.0000	34.97	5.4000
LUXURYAPARTMENT:STORAGE	7.82	No	Yes	22.05	1.00	0.00	0.00	0.00	0.00	9.0000	34.97	5.4000
LUXURYAPARTMENT:LIVINGNORTH	58.84	Yes	Yes	165.94	1.00	21.83	0.00	13.43	14.28	9.0000	34.97	5.4000
LUXURYAPARTMENT:BATHROOM1	3.22	No	Yes	9.08	1.00	0.00	0.00	0.00	0.00	9.0000	34.97	5.4000

LUXURYAPARTMENT:BATHROOM	7.37	No	Yes	20.80	1.00	5.13	0.00	0.47	0.62	9.0000	34.97	5.4000
LUXURYAPARTMENT:BEDROOMSOUTH	15.68	Yes	Yes	44.22	1.00	10.91	0.00	8.14	8.62	9.0000	34.97	5.4000
PH1LIVINGLEVEL:BEDROOMSOUTH	14.79	Yes	Yes	41.72	1.00	11.55	0.00	8.14	8.62	9.0000	34.97	5.4000
PH1LIVINGLEVEL:LIVINGNORTH	65.16	Yes	Yes	183.76	1.00	28.82	0.00	13.43	14.28	9.0000	34.97	5.4000
PH1LIVINGLEVEL:STORAGE	6.52	No	Yes	18.39	1.00	1.31	0.00	0.00	0.00	9.0000	34.97	5.4000
PH1LIVINGLEVEL:BATHROOM	6.46	No	Yes	18.22	1.00	4.50	0.00	0.47	0.62	9.0000	34.97	5.4000
PH1BEDROOMLEVEL:BEDROOM	53.00	Yes	Yes	164.83	1.00	39.89	0.00	1.52	1.90	9.0000	34.97	5.4000
PH1BEDROOMLEVEL:EMPTY	2.42	No	Yes	7.53	1.00	0.00	0.00	0.00	0.00	0.0000		0.0000
PH1BEDROOMLEVEL:STUDY	13.73	Yes	Yes	42.71	1.00	13.65	0.00	8.21	8.69	9.0000	34.97	5.4000
PH1BEDROOMLEVEL:VOID	0.07	Yes	Yes	101.81	1.00	37.23	0.00	11.78	12.76	9.0000	34.97	0.0000
GARAGE1:ZONE1	46.77	No	Yes	109.92	1.00	38.24	0.00	0.77	0.94	9.0000		0.0000
GARAGE2:ZONE1	43.02	No	Yes	101.10	1.00	13.37	0.00	0.00	0.00	9.0000		0.0000
PH1ROOF:ZONE1	101.98	No	Yes	131.87	1.00	15.42	0.00	0.00	0.00	0.0000	34.97	5.4000
STAIRS1:ZONE1	8.96	No	Yes	71.57	1.00	22.07	0.00	3.42	4.20	9.0000	34.97	0.0000
STAIRS2:ZONE1	8.96	No	Yes	96.82	1.00	33.42	0.00	4.77	5.76	9.0000	34.97	0.0000
Total	962.21			2594.38		569.76	0.00	165.63	179.41	6.9797	44.36	4.1553
Conditioned Total	541.38			1601.86		387.06	0.00	152.66	163.57	9.0000	34.97	5.3993
Unconditioned Total	420.83			992.52		182.70	0.00	12.98	15.84	4.3806	67.80	2.5549
Not Part of Total	0.00			0.00		0.00	0.00	0.00	0.00			

Report: Demand End Use Components Summary

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For: Entire Facility

Timestamp: 2018-06-10 00:35:52

End Uses

	Electricity [W]	Natural Gas [W]	Propane [W]	District Cooling [W]	District Heating [W]	Water [m3/s]
Time of Peak	01-JAN-18:30	-	-	-	15-JUL-09:30	-
Heating	0.00	0.00	0.00	0.00	7324.94	0.00
Cooling	0.00	0.00	0.00	0.00	0.00	0.00
Interior Lighting	6715.93	0.00	0.00	0.00	0.00	0.00
Exterior Lighting	0.00	0.00	0.00	0.00	0.00	0.00
Interior Equipment	3998.26	0.00	0.00	0.00	0.00	0.00
Exterior Equipment	0.00	0.00	0.00	0.00	0.00	0.00
Fans	0.00	0.00	0.00	0.00	0.00	0.00
Pumps	0.00	0.00	0.00	0.00	0.00	0.00
Heat Rejection	0.00	0.00	0.00	0.00	0.00	0.00
Humidification	0.00	0.00	0.00	0.00	0.00	0.00
Heat Recovery	0.00	0.00	0.00	0.00	0.00	0.00
Water Systems	0.00	0.00	0.00	0.00	0.00	0.00
Refrigeration	0.00	0.00	0.00	0.00	0.00	0.00
Generators	0.00	0.00	0.00	0.00	0.00	0.00
Total End Uses	10714.19	0.00	0.00	0.00	7324.94	0.00

End Uses By Subcategory

	Subcategory	Electricity [W]	Natural Gas [W]	Propane [W]	District Cooling [W]	District Heating [W]	Water [m3/s]
Heating	General	0.00	0.00	0.00	0.00	7324.94	0.00
Cooling	General	0.00	0.00	0.00	0.00	0.00	0.00
Interior Lighting	ELECTRIC EQUIPMENT#StudioCornerSouth:Living#GeneralLights	287.65	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#StudioCornerSouth:Bedroom#GeneralLights	150.83	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#StudioCornerSouth:Bathroom#GeneralLights	68.08	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#StudioSouth:Bedroom#GeneralLights	150.92	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#StudioSouth:Living#GeneralLights	287.52	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#StudioSouth:Bathroom#GeneralLights	68.12	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaLivingFloor:MediaSouth#GeneralLights	138.82	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaLivingFloor:Bathroom#GeneralLights	48.46	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaLivingFloor:LivingNorth#GeneralLights	682.92	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaBedroomFloor:BedroomSouth#GeneralLights	186.24	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaBedroomFloor:Bathroom#GeneralLights	52.65	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaBedroomFloor:Hall#GeneralLights	72.19	0.00	0.00	0.00	0.00	0.00

	ELECTRIC EQUIPMENT#VillaBedroomFloor:BedroomNorth#GeneralLights	256.87	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaBedroomFloor:WIC#GeneralLights	76.65	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaBedroomFloor:MediaNorth#GeneralLights	108.09	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#ResortRoom:Bathroom1#GeneralLights	59.92	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#ResortRoom:BedroomSouth#GeneralLights	192.84	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#ResortRoom:Hall#GeneralLights	76.42	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#ResortRoom:LivingNorth#GeneralLights	311.79	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#ResortRoom:Bathroom#GeneralLights	69.10	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#ResortRoom:BedroomNorth#GeneralLights	126.36	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#LuxuryApartment:Storage#GeneralLights	70.36	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#LuxuryApartment:LivingNorth#GeneralLights	529.60	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#LuxuryApartment:Bathroom1#GeneralLights	28.99	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#LuxuryApartment:Bathroom#GeneralLights	66.37	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#LuxuryApartment:BedroomSouth#GeneralLights	141.12	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#PH1LivingLevel:BedroomSouth#GeneralLights	133.14	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#PH1LivingLevel:LivingNorth#GeneralLights	586.47	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#PH1LivingLevel:Storage#GeneralLights	58.69	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#PH1LivingLevel:Bathroom#GeneralLights	58.14	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#PH1BedroomLevel:Bedroom#GeneralLights	477.01	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#PH1BedroomLevel:Study#GeneralLights	123.59	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#PH1BedroomLevel:Void#GeneralLights	0.65	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#Garage1:Zone1#GeneralLights	420.95	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#Garage2:Zone1#GeneralLights	387.20	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#Stairs1:Zone1#GeneralLights	80.61	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#Stairs2:Zone1#GeneralLights	80.61	0.00	0.00	0.00	0.00	0.00
Exterior Lighting	General	0.00	0.00	0.00	0.00	0.00	0.00
Interior Equipment	ELECTRIC EQUIPMENT#StudioCornerSouth:Living#02	172.59	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#StudioCornerSouth:Bedroom#02	90.50	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#StudioCornerSouth:Bathroom#02	40.85	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#StudioSouth:Bedroom#02	90.55	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#StudioSouth:Living#02	172.51	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#StudioSouth:Bathroom#02	40.87	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaLivingFloor:MediaSouth#02	83.29	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaLivingFloor:Bathroom#02	29.07	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaLivingFloor:LivingNorth#02	409.75	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaBedroomFloor:BedroomSouth#02	111.75	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaBedroomFloor:Bathroom#02	31.59	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaBedroomFloor:Hall#02	43.31	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaBedroomFloor:BedroomNorth#02	154.12	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaBedroomFloor:WIC#02	45.99	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#VillaBedroomFloor:MediaNorth#02	64.85	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#ResortRoom:Bathroom1#02	35.95	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#ResortRoom:BedroomSouth#02	115.70	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#ResortRoom:Hall#02	45.85	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#ResortRoom:LivingNorth#02	187.07	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#ResortRoom:Bathroom#02	41.46	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#ResortRoom:BedroomNorth#02	75.82	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#LuxuryApartment:Storage#02	42.22	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#LuxuryApartment:LivingNorth#02	317.76	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#LuxuryApartment:Bathroom1#02	17.39	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#LuxuryApartment:Bathroom#02	39.82	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#LuxuryApartment:BedroomSouth#02	84.67	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#PH1LivingLevel:BedroomSouth#02	79.88	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#PH1LivingLevel:LivingNorth#02	351.88	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#PH1LivingLevel:Storage#02	35.21	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#PH1LivingLevel:Bathroom#02	34.88	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#PH1BedroomLevel:Bedroom#02	286.21	0.00	0.00	0.00	0.00	0.00
	ELECTRIC EQUIPMENT#PH1BedroomLevel:Study#02	74.15	0.00	0.00	0.00	0.00	0.00
ELECTRIC EQUIPMENT#PH1Roof:Zone1#02	550.72	0.00	0.00	0.00	0.00	0.00	
Exterior Equipment	General	0.00	0.00	0.00	0.00	0.00	0.00
Fans	General	0.00	0.00	0.00	0.00	0.00	0.00
Pumps	General	0.00	0.00	0.00	0.00	0.00	0.00

Heat Rejection	General	0.00	0.00	0.00	0.00	0.00	0.00
Humidification	General	0.00	0.00	0.00	0.00	0.00	0.00
Heat Recovery	General	0.00	0.00	0.00	0.00	0.00	0.00
Water Systems	General	0.00	0.00	0.00	0.00	0.00	0.00
Refrigeration	General	0.00	0.00	0.00	0.00	0.00	0.00
Generators	General	0.00	0.00	0.00	0.00	0.00	0.00

Report: **Source Energy End Use Components Summary**

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For: **Entire Facility**

Timestamp: **2018-06-10 00:35:52**

Values gathered over **8760.00** hours

**Source Energy End Use Components Summary**

	Source Electricity [kWh]	Source Natural Gas [kWh]	Source Additional Fuel [kWh]	Source District Cooling [kWh]	Source District Heating [kWh]
Heating	0.00	0.00	0.00	0.00	16320.40
Cooling	0.00	0.00	0.00	0.00	0.00
Interior Lighting	69869.81	0.00	0.00	0.00	0.00
Exterior Lighting	0.00	0.00	0.00	0.00	0.00
Interior Equipment	41596.29	0.00	0.00	0.00	0.00
Exterior Equipment	0.00	0.00	0.00	0.00	0.00
Fans	0.00	0.00	0.00	0.00	0.00
Pumps	0.00	0.00	0.00	0.00	0.00
Heat Rejection	0.00	0.00	0.00	0.00	0.00
Humidification	0.00	0.00	0.00	0.00	0.00
Heat Recovery	0.00	0.00	0.00	0.00	0.00
Water Systems	0.00	0.00	0.00	0.00	0.00
Refrigeration	0.00	0.00	0.00	0.00	0.00
Generators	0.00	0.00	0.00	0.00	0.00
Total Source Energy End Use Components	111466.10	0.00	0.00	0.00	16320.40

**Normalized Metrics**

**Source Energy End Use Components Per Conditioned Floor Area**

	Source Electricity [kWh/m2]	Source Natural Gas [kWh/m2]	Source Additional Fuel [kWh/m2]	Source District Cooling [kWh/m2]	Source District Heating [kWh/m2]
Heating	0.00	0.00	0.00	0.00	30.15
Cooling	0.00	0.00	0.00	0.00	0.00
Interior Lighting	129.06	0.00	0.00	0.00	0.00
Exterior Lighting	0.00	0.00	0.00	0.00	0.00
Interior Equipment	76.83	0.00	0.00	0.00	0.00
Exterior Equipment	0.00	0.00	0.00	0.00	0.00
Fans	0.00	0.00	0.00	0.00	0.00
Pumps	0.00	0.00	0.00	0.00	0.00
Heat Rejection	0.00	0.00	0.00	0.00	0.00
Humidification	0.00	0.00	0.00	0.00	0.00
Heat Recovery	0.00	0.00	0.00	0.00	0.00
Water Systems	0.00	0.00	0.00	0.00	0.00
Refrigeration	0.00	0.00	0.00	0.00	0.00
Generators	0.00	0.00	0.00	0.00	0.00
Total Source Energy End Use Components	205.89	0.00	0.00	0.00	30.15

**Source Energy End Use Components Per Total Floor Area**

	Source Electricity [kWh/m2]	Source Natural Gas [kWh/m2]	Source Additional Fuel [kWh/m2]	Source District Cooling [kWh/m2]	Source District Heating [kWh/m2]
Heating	0.00	0.00	0.00	0.00	30.15
Cooling	0.00	0.00	0.00	0.00	0.00
Interior Lighting	129.06	0.00	0.00	0.00	0.00



Exterior Lighting	0.00	0.00	0.00	0.00	0.00
Interior Equipment	76.83	0.00	0.00	0.00	0.00
Exterior Equipment	0.00	0.00	0.00	0.00	0.00
Fans	0.00	0.00	0.00	0.00	0.00
Pumps	0.00	0.00	0.00	0.00	0.00
Heat Rejection	0.00	0.00	0.00	0.00	0.00
Humidification	0.00	0.00	0.00	0.00	0.00
Heat Recovery	0.00	0.00	0.00	0.00	0.00
Water Systems	0.00	0.00	0.00	0.00	0.00
Refrigeration	0.00	0.00	0.00	0.00	0.00
Generators	0.00	0.00	0.00	0.00	0.00
Total Source Energy End Use Components	205.89	0.00	0.00	0.00	30.15

Report: **Climatic Data Summary**

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For: **Entire Facility**

Timestamp: **2018-06-10 00:35:52**

SizingPeriod: **DesignDay**

	Maximum Dry Bulb [C]	Daily Temperature Range [deltaC]	Humidity Value	Humidity Type	Wind Speed [m/s]	Wind Direction
WINTER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)	-2.80	0.00	-2.80	Wetbulb [C]	11.40	0.00

Weather Statistics File

	Value
None	

Report: **Envelope Summary**

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For: **Entire Facility**

Timestamp: **2018-06-10 00:35:52**

Opaque Exterior

	Construction	Reflectance	U-Factor with Film [W/m2-K]	U-Factor no Film [W/m2-K]	Gross Area [m2]	Net Area [m2]	Azimuth [deg]	Tilt [deg]	Cardinal Direction
STUDIOCORNERSOUTH:LIVING_WALL_3_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	10.33	2.17	350.00	90.00	N
STUDIOCORNERSOUTH:LIVING_WALL_4_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	14.99	14.99	260.00	90.00	W
STUDIOCORNERSOUTH:LIVING_GROUNDFLOOR_0_0_0	COMBINED GROUND FLOOR - TYPICAL REFERENCE - HEAVYWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.40	0.319	0.336	31.96	31.96	350.00	180.00	
STUDIOCORNERSOUTH:LIVING_ROOF_1_0_0	PITCHED ROOF - STATE-OF-THE-ART - LIGHTWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.30	0.158	0.162	3.62	3.62	170.00	0.00	
STUDIOCORNERSOUTH:BEDROOM_WALL_3_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	7.86	2.50	350.00	90.00	N
STUDIOCORNERSOUTH:BEDROOM_GROUNDFLOOR_0_0_0	COMBINED GROUND FLOOR - TYPICAL REFERENCE - HEAVYWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.40	0.319	0.336	16.76	16.76	350.00	180.00	
STUDIOCORNERSOUTH:BEDROOM_ROOF_1_0_0	PITCHED ROOF - STATE-OF-THE-ART - LIGHTWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.30	0.158	0.162	2.75	2.75	170.00	0.00	
STUDIOCORNERSOUTH:BATHROOM_GROUNDFLOOR_0_0_0	COMBINED GROUND FLOOR - TYPICAL REFERENCE - HEAVYWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.40	0.319	0.336	7.56	7.56	350.00	180.00	
STUDIOSOUTH:BEDROOM_WALL_3_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	7.86	2.69	350.00	90.00	N
STUDIOSOUTH:BEDROOM_GROUNDFLOOR_0_0_0	COMBINED GROUND FLOOR - TYPICAL REFERENCE - HEAVYWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.40	0.319	0.336	16.77	16.77	350.00	180.00	
STUDIOSOUTH:BEDROOM_ROOF_1_0_0	PITCHED ROOF - STATE-OF-THE-ART - LIGHTWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.30	0.158	0.162	2.75	2.75	170.00	0.00	
STUDIOSOUTH:LIVING_WALL_3_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	10.32	2.17	350.00	90.00	N
STUDIOSOUTH:LIVING_GROUNDFLOOR_0_0_0	COMBINED GROUND FLOOR - TYPICAL REFERENCE - HEAVYWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.40	0.319	0.336	31.95	31.95	350.00	180.00	
STUDIOSOUTH:LIVING_ROOF_1_0_0	PITCHED ROOF - STATE-OF-THE-ART - LIGHTWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.30	0.158	0.162	3.61	3.61	170.00	0.00	

STUDIOSOUTH:BATHROOM_GROUNDFLOOR_0_0_0	COMBINED GROUND FLOOR - TYPICAL REFERENCE - HEAVYWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.40	0.319	0.336	7.57	7.57	350.00	180.00		
VILLALIVINGFLOOR:MEDIASOUTH_WALL_4_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	10.31	9.64	260.00	90.00		W
VILLALIVINGFLOOR:MEDIASOUTH_WALL_5_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	11.89	6.23	170.00	90.00		S
VILLALIVINGFLOOR:BATHROOM_WALL_5_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	4.15	3.54	170.00	90.00		S
VILLALIVINGFLOOR:LIVINGNORTH_WALL_3_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	21.83	7.55	350.00	90.00		N
VILLALIVINGFLOOR:LIVINGNORTH_WALL_4_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	15.67	14.99	260.00	90.00		W
VILLALIVINGFLOOR:LIVINGNORTH_WALL_5_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	4.87	2.31	350.00	90.00		N
VILLALIVINGFLOOR:LIVINGNORTH_WALL_6_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	9.79	9.79	260.00	90.00		W
VILLALIVINGFLOOR:LIVINGNORTH_WALL_7_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	4.87	3.00	170.00	90.00		S
VILLABEDROOMFLOOR:BEDROOMSOUTH_WALL_8_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	10.31	9.70	260.00	90.00		W
VILLABEDROOMFLOOR:BEDROOMSOUTH_WALL_9_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	11.53	2.92	170.00	90.00		S
VILLABEDROOMFLOOR:BATHROOM_WALL_6_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	4.51	3.89	170.00	90.00		S
VILLABEDROOMFLOOR:BEDROOMNORTH_WALL_5_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	12.91	4.29	350.00	90.00		N
VILLABEDROOMFLOOR:BEDROOMNORTH_WALL_6_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	15.67	15.05	260.00	90.00		W
VILLABEDROOMFLOOR:MEDIANORTH_WALL_3_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	8.92	3.26	350.00	90.00		N
VILLABEDROOMFLOOR:BARHROOM_WALL_6_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	4.87	3.94	350.00	90.00		N
VILLABEDROOMFLOOR:BARHROOM_WALL_7_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	9.79	9.79	260.00	90.00		W
VILLABEDROOMFLOOR:BARHROOM_WALL_8_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	4.87	3.94	170.00	90.00		S
VILLABEDROOMFLOOR:BARHROOM_ROOF_1_0_0	PITCHED ROOF - STATE-OF-THE-ART - LIGHTWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.30	0.158	0.162	6.00	6.00	170.00	0.00		
VILLAROOOF:ZONE1_WALL_2_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	1.74	1.74	170.00	90.00		S
VILLAROOOF:ZONE1_WALL_2_0_1	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	6.52	6.52	170.00	90.00		S
VILLAROOOF:ZONE1_WALL_5_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	4.59	4.59	350.00	90.00		N
VILLAROOOF:ZONE1_WALL_5_0_1	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	3.57	3.57	350.00	90.00		N
VILLAROOOF:ZONE1_EXTFLOOR_0_0_0	WOODEN-JOIST INTERNAL CEILING - 13MM PLASTERBOARD	0.50	4.099	19.231	0.34	0.34	350.00	180.00		
VILLAROOOF:ZONE1_ROOF_4_0_0	FLAT ROOF - ENERGY CODE STANDARD - LIGHTWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.15	0.252	0.261	31.26	31.26	170.00	20.65		
VILLAROOOF:ZONE1_ROOF_6_0_0	FLAT ROOF - ENERGY CODE STANDARD - LIGHTWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.15	0.252	0.261	31.23	31.23	350.00	20.89		
VILLAROOOF:ZONE1_ROOF_8_0_0	FLAT ROOF - ENERGY CODE STANDARD - LIGHTWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.15	0.252	0.261	9.48	9.48	80.00	52.58		
VILLAROOOF:ZONE1_ROOF_8_0_1	FLAT ROOF - ENERGY CODE STANDARD - LIGHTWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.15	0.252	0.261	9.89	9.89	80.00	52.58		
VILLAROOOF:ZONE1_ROOF_9_0_0	FLAT ROOF - ENERGY CODE STANDARD - LIGHTWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.15	0.252	0.261	46.64	46.64	260.00	52.58		
RESORTROOM:BATHROOM1_WALL_6_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	4.63	4.02	170.00	90.00		S
RESORTROOM:BEDROOMSOUTH_WALL_7_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	11.41	5.75	170.00	90.00		S
RESORTROOM:LIVINGNORTH_WALL_3_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	12.39	3.77	350.00	90.00		N
RESORTROOM:BEDROOMNORTH_WALL_3_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	9.44	3.77	350.00	90.00		N
LUXURYAPARTMENT:LIVINGNORTH_WALL_5_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	21.83	7.55	350.00	90.00		N
LUXURYAPARTMENT:BATHROOM_WALL_5_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	5.13	4.52	170.00	90.00		S
LUXURYAPARTMENT:BEDROOMSOUTH_WALL_6_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	10.91	2.30	170.00	90.00		S
PH1LIVINGLEVEL:BEDROOMSOUTH_WALL_5_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	11.55	2.93	170.00	90.00		S
PH1LIVINGLEVEL:LIVINGNORTH_WALL_3_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	21.83	7.55	350.00	90.00		N
PH1LIVINGLEVEL:LIVINGNORTH_WALL_4_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	7.00	7.00	260.00	90.00		W
PH1LIVINGLEVEL:STORAGE_WALL_8_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	1.09	1.09	260.00	90.00		W
PH1LIVINGLEVEL:STORAGE_WALL_8_0_1	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	0.23	0.23	260.00	90.00		W
PH1LIVINGLEVEL:BATHROOM_WALL_5_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	4.50	3.88	170.00	90.00		S
PH1BEDROOMLEVEL:BEDROOM_WALL_7_1_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	1.06	1.06	260.00	90.00		W
PH1BEDROOMLEVEL:BEDROOM_WALL_7_1_1	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	27.42	27.42	260.00	90.00		W
PH1BEDROOMLEVEL:BEDROOM_WALL_8_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	6.38	5.45	170.00	90.00		S
PH1BEDROOMLEVEL:BEDROOM_WALL_9_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	0.98	0.98	80.00	90.00		E
PH1BEDROOMLEVEL:BEDROOM_WALL_10_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	4.04	3.07	170.00	90.00		S
PH1BEDROOMLEVEL:STUDY_WALL_7_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	13.65	4.97	170.00	90.00		S
PH1BEDROOMLEVEL:VOID_WALL_3_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	24.07	11.31	350.00	90.00		N
PH1BEDROOMLEVEL:VOID_WALL_4_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	13.15	13.15	260.00	90.00		W
GARAGE1:ZONE1_WALL_5_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	4.06	4.06	350.00	90.00		N
GARAGE1:ZONE1_WALL_6_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	8.16	8.16	260.00	90.00		W
GARAGE1:ZONE1_WALL_7_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	4.06	3.12	170.00	90.00		S
GARAGE1:ZONE1_WALL_8_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	8.59	8.59	260.00	90.00		W
GARAGE1:ZONE1_WALL_9_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	13.37	2.18	170.00	90.00		S

GARAGE1:ZONE1_GROUNDFLOOR_0_0_0	COMBINED GROUND FLOOR - TYPICAL REFERENCE - HEAVYWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.40	0.319	0.336	20.81	20.81	350.00	180.00	
GARAGE1:ZONE1_GROUNDFLOOR_0_0_1	COMBINED GROUND FLOOR - TYPICAL REFERENCE - HEAVYWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.40	0.319	0.336	1.54	1.54	350.00	180.00	
GARAGE1:ZONE1_GROUNDFLOOR_0_0_2	COMBINED GROUND FLOOR - TYPICAL REFERENCE - HEAVYWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.40	0.319	0.336	24.42	24.42	350.00	180.00	
GARAGE2:ZONE1_WALL_7_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	13.37	2.18	170.00	90.00	S
GARAGE2:ZONE1_GROUNDFLOOR_0_0_0	COMBINED GROUND FLOOR - TYPICAL REFERENCE - HEAVYWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.40	0.319	0.336	23.05	23.05	350.00	180.00	
GARAGE2:ZONE1_GROUNDFLOOR_0_0_1	COMBINED GROUND FLOOR - TYPICAL REFERENCE - HEAVYWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.40	0.319	0.336	19.97	19.97	350.00	180.00	
PH1ROOF:ZONE1_WALL_2_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	5.88	5.88	350.00	90.00	N
PH1ROOF:ZONE1_WALL_8_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	1.81	1.81	350.00	90.00	N
PH1ROOF:ZONE1_WALL_10_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	1.81	1.81	170.00	90.00	S
PH1ROOF:ZONE1_WALL_12_0_1	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	5.79	5.79	170.00	90.00	S
PH1ROOF:ZONE1_WALL_12_0_2	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	0.12	0.12	170.00	90.00	S
PH1ROOF:ZONE1_WALL_15_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	0.02	0.02	80.00	90.00	E
PH1ROOF:ZONE1_EXTFLOOR_0_0_0	WOODEN-JOIST INTERNAL CEILING - 13MM PLASTERBOARD	0.50	4.099	19.231	0.09	0.09	350.28	180.00	
PH1ROOF:ZONE1_ROOF_3_0_0	FLAT ROOF - ENERGY CODE STANDARD - LIGHTWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.15	0.252	0.261	11.10	11.10	80.00	49.33	
PH1ROOF:ZONE1_ROOF_3_0_1	FLAT ROOF - ENERGY CODE STANDARD - LIGHTWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.15	0.252	0.261	11.42	11.42	80.00	49.33	
PH1ROOF:ZONE1_ROOF_4_0_0	FLAT ROOF - ENERGY CODE STANDARD - LIGHTWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.15	0.252	0.261	7.95	7.95	350.00	21.61	
PH1ROOF:ZONE1_ROOF_5_0_0	FLAT ROOF - ENERGY CODE STANDARD - LIGHTWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.15	0.252	0.261	14.09	14.09	350.00	13.74	
PH1ROOF:ZONE1_ROOF_6_0_0	FLAT ROOF - ENERGY CODE STANDARD - LIGHTWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.15	0.252	0.261	5.94	5.94	260.00	49.47	
PH1ROOF:ZONE1_ROOF_6_0_1	FLAT ROOF - ENERGY CODE STANDARD - LIGHTWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.15	0.252	0.261	6.14	6.14	260.00	49.47	
PH1ROOF:ZONE1_ROOF_6_0_2	FLAT ROOF - ENERGY CODE STANDARD - LIGHTWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.15	0.252	0.261	19.60	19.60	260.00	49.47	
PH1ROOF:ZONE1_ROOF_7_0_0	FLAT ROOF - ENERGY CODE STANDARD - LIGHTWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.15	0.252	0.261	6.15	6.15	80.00	53.01	
PH1ROOF:ZONE1_ROOF_9_0_0	FLAT ROOF - ENERGY CODE STANDARD - LIGHTWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.15	0.252	0.261	25.99	25.99	260.00	53.02	
PH1ROOF:ZONE1_ROOF_11_0_1	FLAT ROOF - ENERGY CODE STANDARD - LIGHTWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.15	0.252	0.261	7.07	7.07	80.00	53.01	
PH1ROOF:ZONE1_ROOF_13_0_0	FLAT ROOF - ENERGY CODE STANDARD - LIGHTWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.15	0.252	0.261	7.94	7.94	170.00	21.61	
PH1ROOF:ZONE1_ROOF_14_0_0	FLAT ROOF - ENERGY CODE STANDARD - LIGHTWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.15	0.252	0.261	15.05	15.05	170.00	12.77	
STAIRS1:ZONE1_WALL_4_3_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	5.68	5.68	260.00	90.00	W
STAIRS1:ZONE1_WALL_5_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	16.38	10.13	170.00	90.00	S
STAIRS1:ZONE1_GROUNDFLOOR_0_0_0	COMBINED GROUND FLOOR - TYPICAL REFERENCE - HEAVYWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.40	0.319	0.336	8.96	8.96	350.00	180.00	
STAIRS1:ZONE1_ROOF_1_1_0	PITCHED ROOF - STATE-OF-THE-ART - LIGHTWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.30	0.158	0.162	1.46	1.46	170.00	0.00	
STAIRS2:ZONE1_WALL_2_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	3.42	3.42	80.00	90.00	E
STAIRS2:ZONE1_WALL_4_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	7.48	7.48	260.00	90.00	W
STAIRS2:ZONE1_WALL_4_0_1	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	0.36	0.36	260.00	90.00	W
STAIRS2:ZONE1_WALL_5_0_0	ICF INSULATED CONCRET FORM	0.30	0.232	0.240	22.16	14.35	170.00	90.00	S
STAIRS2:ZONE1_GROUNDFLOOR_0_0_0	COMBINED GROUND FLOOR - TYPICAL REFERENCE - HEAVYWEIGHT (DATA MODIFIED WHEN LOADED TO FILE)	0.40	0.319	0.336	8.96	8.96	350.00	180.00	

Exterior Fenestration

Construction	Glass Area [m2]	Frame Area [m2]	Divider Area [m2]	Area of One Opening	Area of Multiplied Openings	Glass U-Factor [W/m2-]	Glass SHGC	Glass Visible Transmittance	Frame Conductance [W/m2-K]	Divider Conductance [W/m2-K]	S Co
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					[m2]	[m2]	KJ				
STUDIOCORNERSOUTH:LIVING_WALL_3_0_0_0_0_0_WIN	1001	7.57	0.46	0.13	8.16	8.16	3.159	0.762	0.812	23.853	23.853
STUDIOCORNERSOUTH:BEDROOM_WALL_3_0_0_0_0_0_WIN	1001	4.86	0.36	0.13	5.36	5.36	3.159	0.762	0.812	23.853	23.853
STUDIOSOUTH:BEDROOM_WALL_3_0_0_0_0_0_WIN	1001	4.68	0.36	0.13	5.17	5.17	3.159	0.762	0.812	23.853	23.853
STUDIOSOUTH:LIVING_WALL_3_0_0_0_0_0_WIN	1001	7.56	0.46	0.13	8.16	8.16	3.159	0.762	0.812	23.853	23.853
VILLALIVINGFLOOR:MEDIASOUTH_WALL_4_0_0_0_0_0_WIN	1001	0.42	0.16	0.10	0.68	0.68	3.159	0.762	0.812	23.853	23.853
VILLALIVINGFLOOR:MEDIASOUTH_WALL_5_0_0_0_0_0_WIN	1001	5.15	0.37	0.14	5.66	5.66	3.159	0.762	0.812	23.853	23.853
VILLALIVINGFLOOR:BATHROOM_WALL_5_0_0_0_0_0_WIN	1001	0.31	0.00	0.00	0.31	0.31	3.159	0.762	0.812		
VILLALIVINGFLOOR:BATHROOM_WALL_5_0_0_1_0_0_WIN	1001	0.31	0.00	0.00	0.31	0.31	3.159	0.762	0.812		
VILLALIVINGFLOOR:LIVINGNORTH_WALL_3_0_0_0_0_0_WIN	1001	8.00	0.47	0.14	8.62	8.62	3.159	0.762	0.812	23.853	23.853
VILLALIVINGFLOOR:LIVINGNORTH_WALL_3_0_0_1_0_1_WIN	1001	5.15	0.37	0.14	5.66	5.66	3.159	0.762	0.812	23.853	23.853
VILLALIVINGFLOOR:LIVINGNORTH_WALL_4_0_0_0_0_0_WIN	1001	0.42	0.16	0.10	0.68	0.68	3.159	0.762	0.812	23.853	23.853
VILLALIVINGFLOOR:LIVINGNORTH_WALL_5_0_0_0_0_0_WIN	1001	0.02	0.20	0.14	0.36	0.36	3.159	0.762	0.812	23.853	23.853
VILLALIVINGFLOOR:LIVINGNORTH_WALL_7_0_0_0_0_0_WIN	1001	1.55	0.22	0.10	1.87	1.87	3.159	0.762	0.812	23.853	23.853
VILLABEDROOMFLOOR:BEDROOMSOUTH_WALL_8_0_0_0_0_0_WIN	1001	0.38	0.15	0.09	0.62	0.62	3.159	0.762	0.812	23.853	23.853
VILLABEDROOMFLOOR:BEDROOMSOUTH_WALL_9_0_0_0_0_0_WIN	1001	8.00	0.47	0.14	8.62	8.62	3.159	0.762	0.812	23.853	23.853
VILLABEDROOMFLOOR:BATHROOM_WALL_6_0_0_0_0_0_WIN	1001	0.38	0.15	0.09	0.62	0.62	3.159	0.762	0.812	23.853	23.853
VILLABEDROOMFLOOR:BEDROOMNORTH_WALL_5_0_0_0_0_0_WIN	1001	8.00	0.47	0.14	8.62	8.62	3.159	0.762	0.812	23.853	23.853
VILLABEDROOMFLOOR:BEDROOMNORTH_WALL_6_0_0_0_0_0_WIN	1001	0.38	0.15	0.09	0.62	0.62	3.159	0.762	0.812	23.853	23.853
VILLABEDROOMFLOOR:MEDIANORTH_WALL_3_0_0_0_0_0_WIN	1001	5.15	0.37	0.14	5.66	5.66	3.159	0.762	0.812	23.853	23.853
VILLABEDROOMFLOOR:BARHROOM_WALL_6_0_0_0_0_0_WIN	1001	0.68	0.16	0.09	0.93	0.93	3.159	0.762	0.812	23.853	23.853
VILLABEDROOMFLOOR:BARHROOM_WALL_8_0_0_0_0_0_WIN	1001	0.68	0.16	0.09	0.93	0.93	3.159	0.762	0.812	23.853	23.853
RESORTROOM:BATHROOM1_WALL_6_0_0_0_0_0_WIN	1001	0.38	0.15	0.09	0.62	0.62	3.159	0.762	0.812	23.853	23.853
RESORTROOM:BEDROOMSOUTH_WALL_7_0_0_0_0_0_WIN	1001	5.15	0.37	0.14	5.66	5.66	3.159	0.762	0.812	23.853	23.853
RESORTROOM:LIVINGNORTH_WALL_3_0_0_0_0_0_WIN	1001	8.00	0.47	0.14	8.62	8.62	3.159	0.762	0.812	23.853	23.853
RESORTROOM:BEDROOMNORTH_WALL_3_0_0_0_0_0_WIN	1001	5.15	0.37	0.14	5.66	5.66	3.159	0.762	0.812	23.853	23.853
LUXURYAPARTMENT:LIVINGNORTH_WALL_5_0_0_0_0_0_WIN	1001	8.00	0.47	0.14	8.62	8.62	3.159	0.762	0.812	23.853	23.853
LUXURYAPARTMENT:LIVINGNORTH_WALL_5_0_0_1_0_1_WIN	1001	5.15	0.37	0.14	5.66	5.66	3.159	0.762	0.812	23.853	23.853
LUXURYAPARTMENT:BATHROOM_WALL_5_0_0_0_0_0_WIN	1001	0.38	0.15	0.09	0.62	0.62	3.159	0.762	0.812	23.853	23.853
LUXURYAPARTMENT:BEDROOMSOUTH_WALL_6_0_0_0_0_0_WIN	1001	8.00	0.47	0.14	8.62	8.62	3.159	0.762	0.812	23.853	23.853
PH1LIVINGLEVEL:BEDROOMSOUTH_WALL_5_0_0_0_0_0_WIN	1001	8.00	0.47	0.14	8.62	8.62	3.159	0.762	0.812	23.853	23.853
PH1LIVINGLEVEL:LIVINGNORTH_WALL_3_0_0_0_0_0_WIN	1001	8.00	0.47	0.14	8.62	8.62	3.159	0.762	0.812	23.853	23.853
PH1LIVINGLEVEL:LIVINGNORTH_WALL_3_0_0_1_0_1_WIN	1001	5.15	0.37	0.14	5.66	5.66	3.159	0.762	0.812	23.853	23.853
PH1LIVINGLEVEL:BATHROOM_WALL_5_0_0_0_0_0_WIN	1001	0.38	0.15	0.09	0.62	0.62	3.159	0.762	0.812	23.853	23.853
PH1BEDROOMLEVEL:BEDROOM_WALL_8_0_0_0_0_0_WIN	1001	0.68	0.16	0.09	0.93	0.93	3.159	0.762	0.812	23.853	23.853
PH1BEDROOMLEVEL:BEDROOM_WALL_10_0_0_0_0_0_WIN	1001	0.62	0.22	0.14	0.98	0.98	3.159	0.762	0.812	23.853	23.853
PH1BEDROOMLEVEL:STUDY_WALL_7_0_0_0_0_0_WIN	1001	8.07	0.47	0.14	8.69	8.69	3.159	0.762	0.812	23.853	23.853
PH1BEDROOMLEVEL:VOID_WALL_3_0_0_0_0_0_WIN	1001	7.98	0.47	0.14	8.60	8.60	3.159	0.762	0.812	23.853	23.853
PH1BEDROOMLEVEL:VOID_WALL_3_0_0_1_0_1_WIN	1001	0.85	0.23	0.14	1.22	1.22	3.159	0.762	0.812	23.853	23.853
PH1BEDROOMLEVEL:VOID_WALL_3_0_0_2_0_2_WIN	1001	2.52	0.28	0.14	2.95	2.95	3.159	0.762	0.812	23.853	23.853
GARAGE1:ZONE1_WALL_7_0_0_0_0_0_WIN	1001	0.69	0.17	0.09	0.94	0.94	3.159	0.762	0.812	23.853	23.853
STAIRS1:ZONE1_WALL_5_0_0_0_0_0_WIN	1001	0.60	0.22	0.14	0.96	1.92	3.159	0.762	0.812	23.853	23.853
STAIRS1:ZONE1_WALL_5_0_0_3_0_3_WIN	1001	1.71	0.35	0.22	2.28	2.28	3.159	0.762	0.812	23.853	23.853
STAIRS2:ZONE1_WALL_5_0_0_1_0_1_WIN	1001	0.60	0.22	0.14	0.96	1.92	3.159	0.762	0.812	23.853	23.853
STAIRS2:ZONE1_WALL_5_0_0_3_0_3_WIN	1001	2.91	0.55	0.38	3.84	3.84	3.159	0.762	0.812	23.853	23.853
Total or Average						179.41	3.159	0.762	0.812		
North Total or Average						112.28	3.159	0.762	0.812		
Non-North Total or Average						67.13	3.159	0.762	0.812		

Interior Fenestration

	Construction	Area of One Opening [m2]	Area of Openings [m2]	Glass U-Factor [W/m2-K]	Glass SHGC	Glass Visible Transmittance	Parent Surface
Total or Average			0.00	-	-	-	

Exterior Door

	Construction	U-Factor with Film [W/m2-K]	U-Factor no Film [W/m2-K]	Gross Area [m2]	Parent Surface
VILLALIVINGFLOOR:LIVINGNORTH_WALL_5_0_0_1_0_1_DOOR	WOODEN DOOR	2.995	5.429	2.20	VILLALIVINGFLOOR:LIVINGNORTH_WALL_5_0_0
GARAGE1:ZONE1_WALL_9_0_0_0_0_0_DOOR	WOODEN DOOR	2.995	5.429	11.19	GARAGE1:ZONE1_WALL_9_0_0
GARAGE2:ZONE1_WALL_7_0_0_0_0_0_DOOR	WOODEN DOOR	2.995	5.429	11.19	GARAGE2:ZONE1_WALL_7_0_0
STAIRS1:ZONE1_WALL_5_0_0_2_0_2_DOOR	WOODEN DOOR	2.995	5.429	2.05	STAIRS1:ZONE1_WALL_5_0_0
STAIRS2:ZONE1_WALL_5_0_0_0_0_0_DOOR	WOODEN	2.995	5.429	2.05	STAIRS2:ZONE1_WALL_5_0_0

	DOOR		
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Report: **Shading Summary**

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For: **Entire Facility**

Timestamp: **2018-06-10 00:35:52**

**Sunlit Fraction**

	March 21 9am	March 21 noon	March 21 3pm	June 21 9am	June 21 noon	June 21 3pm	December 21 9am	December 21 noon	December 21 3pm
None									

**Window Control**

	Name	Type	Shaded Construction	Control	Glare Control
None					

Report: **Lighting Summary**

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For: **Entire Facility**

Timestamp: **2018-06-10 00:35:52**

**Interior Lighting**

	Zone	Lighting Power Density [W/m2]	Zone Area [m2]	Total Power [W]	End Use Subcategory	Schedule Name	Scheduled Hours/Week [hr]
STUDIOCORNERSOUTH:LIVING GENERAL LIGHTING	STUDIOCORNERSOUTH:LIVING	9.0000	31.96	287.65	ELECTRIC EQUIPMENT#StudioCornerSouth:Living#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
STUDIOCORNERSOUTH:BEDROOM GENERAL LIGHTING	STUDIOCORNERSOUTH:BEDROOM	9.0000	16.76	150.83	ELECTRIC EQUIPMENT#StudioCornerSouth:Bedroom#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
STUDIOCORNERSOUTH:BATHROOM GENERAL LIGHTING	STUDIOCORNERSOUTH:BATHROOM	9.0000	7.56	68.08	ELECTRIC EQUIPMENT#StudioCornerSouth:Bathroom#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
STUDIOSOUTH:BEDROOM GENERAL LIGHTING	STUDIOSOUTH:BEDROOM	9.0000	16.77	150.92	ELECTRIC EQUIPMENT#StudioSouth:Bedroom#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
STUDIOSOUTH:LIVING GENERAL LIGHTING	STUDIOSOUTH:LIVING	9.0000	31.95	287.52	ELECTRIC EQUIPMENT#StudioSouth:Living#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
STUDIOSOUTH:BATHROOM GENERAL LIGHTING	STUDIOSOUTH:BATHROOM	9.0000	7.57	68.12	ELECTRIC EQUIPMENT#StudioSouth:Bathroom#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
VILLALIVINGFLOOR:MEDIASOUTH GENERAL LIGHTING	VILLALIVINGFLOOR:MEDIASOUTH	9.0000	15.42	138.82	ELECTRIC EQUIPMENT#VillaLivingFloor:MediaSouth#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
VILLALIVINGFLOOR:BATHROOM GENERAL LIGHTING	VILLALIVINGFLOOR:BATHROOM	9.0000	5.38	48.46	ELECTRIC EQUIPMENT#VillaLivingFloor:Bathroom#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
VILLALIVINGFLOOR:LIVINGNORTH GENERAL LIGHTING	VILLALIVINGFLOOR:LIVINGNORTH	9.0000	75.88	682.92	ELECTRIC EQUIPMENT#VillaLivingFloor:LivingNorth#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
VILLABEDROOMFLOOR:BEDROOMSOUTH GENERAL LIGHTING	VILLABEDROOMFLOOR:BEDROOMSOUTH	9.0000	20.69	186.24	ELECTRIC EQUIPMENT#VillaBedroomFloor:BedroomSouth#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
VILLABEDROOMFLOOR:BATHROOM GENERAL LIGHTING	VILLABEDROOMFLOOR:BATHROOM	9.0000	5.85	52.65	ELECTRIC EQUIPMENT#VillaBedroomFloor:Bathroom#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
VILLABEDROOMFLOOR:HALL GENERAL LIGHTING	VILLABEDROOMFLOOR:HALL	9.0000	8.02	72.19	ELECTRIC EQUIPMENT#VillaBedroomFloor:Hall#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
VILLABEDROOMFLOOR:BEDROOMNORTH GENERAL LIGHTING	VILLABEDROOMFLOOR:BEDROOMNORTH	9.0000	28.54	256.87	ELECTRIC EQUIPMENT#VillaBedroomFloor:BedroomNorth#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
VILLABEDROOMFLOOR:WIC GENERAL LIGHTING	VILLABEDROOMFLOOR:WIC	9.0000	8.52	76.65	ELECTRIC EQUIPMENT#VillaBedroomFloor:WIC#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
VILLABEDROOMFLOOR:MEDIANORTH GENERAL LIGHTING	VILLABEDROOMFLOOR:MEDIANORTH	9.0000	12.01	108.09	ELECTRIC EQUIPMENT#VillaBedroomFloor:MediaNorth#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
RESORTROOM:BATHROOM1 GENERAL LIGHTING	RESORTROOM:BATHROOM1	9.0000	6.66	59.92	ELECTRIC EQUIPMENT#ResortRoom:Bathroom1#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
RESORTROOM:BEDROOMSOUTH GENERAL LIGHTING	RESORTROOM:BEDROOMSOUTH	9.0000	21.43	192.84	ELECTRIC EQUIPMENT#ResortRoom:BedroomSouth#GeneralLights	APARTMENT LIGHTING	63.00

							EQUIPMENT	
RESORTROOM:HALL GENERAL LIGHTING	RESORTROOM:HALL	9.0000	8.49	76.42	ELECTRIC EQUIPMENT#ResortRoom:Hall#GeneralLights	ELECTRIC EQUIPMENT#ResortRoom:Hall#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
RESORTROOM:LIVINGNORTH GENERAL LIGHTING	RESORTROOM:LIVINGNORTH	9.0000	34.64	311.79	ELECTRIC EQUIPMENT#ResortRoom:LivingNorth#GeneralLights	ELECTRIC EQUIPMENT#ResortRoom:LivingNorth#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
RESORTROOM:BATHROOM GENERAL LIGHTING	RESORTROOM:BATHROOM	9.0000	7.68	69.10	ELECTRIC EQUIPMENT#ResortRoom:Bathroom#GeneralLights	ELECTRIC EQUIPMENT#ResortRoom:Bathroom#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
RESORTROOM:BEDROOMNORTH GENERAL LIGHTING	RESORTROOM:BEDROOMNORTH	9.0000	14.04	126.36	ELECTRIC EQUIPMENT#ResortRoom:BedroomNorth#GeneralLights	ELECTRIC EQUIPMENT#ResortRoom:BedroomNorth#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
LUXURYAPARTMENT:STORAGE GENERAL LIGHTING	LUXURYAPARTMENT:STORAGE	9.0000	7.82	70.36	ELECTRIC EQUIPMENT#LuxuryApartment:Storage#GeneralLights	ELECTRIC EQUIPMENT#LuxuryApartment:Storage#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
LUXURYAPARTMENT:LIVINGNORTH GENERAL LIGHTING	LUXURYAPARTMENT:LIVINGNORTH	9.0000	58.84	529.60	ELECTRIC EQUIPMENT#LuxuryApartment:LivingNorth#GeneralLights	ELECTRIC EQUIPMENT#LuxuryApartment:LivingNorth#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
LUXURYAPARTMENT:BATHROOM1 GENERAL LIGHTING	LUXURYAPARTMENT:BATHROOM1	9.0000	3.22	28.99	ELECTRIC EQUIPMENT#LuxuryApartment:Bathroom1#GeneralLights	ELECTRIC EQUIPMENT#LuxuryApartment:Bathroom1#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
LUXURYAPARTMENT:BATHROOM GENERAL LIGHTING	LUXURYAPARTMENT:BATHROOM	9.0000	7.37	66.37	ELECTRIC EQUIPMENT#LuxuryApartment:Bathroom#GeneralLights	ELECTRIC EQUIPMENT#LuxuryApartment:Bathroom#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
LUXURYAPARTMENT:BEDROOMSOUTH GENERAL LIGHTING	LUXURYAPARTMENT:BEDROOMSOUTH	9.0000	15.68	141.12	ELECTRIC EQUIPMENT#LuxuryApartment:BedroomSouth#GeneralLights	ELECTRIC EQUIPMENT#LuxuryApartment:BedroomSouth#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
PH1LIVINGLEVEL:BEDROOMSOUTH GENERAL LIGHTING	PH1LIVINGLEVEL:BEDROOMSOUTH	9.0000	14.79	133.14	ELECTRIC EQUIPMENT#PH1LivingLevel:BedroomSouth#GeneralLights	ELECTRIC EQUIPMENT#PH1LivingLevel:BedroomSouth#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
PH1LIVINGLEVEL:LIVINGNORTH GENERAL LIGHTING	PH1LIVINGLEVEL:LIVINGNORTH	9.0000	65.16	586.47	ELECTRIC EQUIPMENT#PH1LivingLevel:LivingNorth#GeneralLights	ELECTRIC EQUIPMENT#PH1LivingLevel:LivingNorth#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
PH1LIVINGLEVEL:STORAGE GENERAL LIGHTING	PH1LIVINGLEVEL:STORAGE	9.0000	6.52	58.69	ELECTRIC EQUIPMENT#PH1LivingLevel:Storage#GeneralLights	ELECTRIC EQUIPMENT#PH1LivingLevel:Storage#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
PH1LIVINGLEVEL:BATHROOM GENERAL LIGHTING	PH1LIVINGLEVEL:BATHROOM	9.0000	6.46	58.14	ELECTRIC EQUIPMENT#PH1LivingLevel:Bathroom#GeneralLights	ELECTRIC EQUIPMENT#PH1LivingLevel:Bathroom#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
PH1BEDROOMLEVEL:BEDROOM GENERAL LIGHTING	PH1BEDROOMLEVEL:BEDROOM	9.0000	53.00	477.01	ELECTRIC EQUIPMENT#PH1BedroomLevel:Bedroom#GeneralLights	ELECTRIC EQUIPMENT#PH1BedroomLevel:Bedroom#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
PH1BEDROOMLEVEL:STUDY GENERAL LIGHTING	PH1BEDROOMLEVEL:STUDY	9.0000	13.73	123.59	ELECTRIC EQUIPMENT#PH1BedroomLevel:Study#GeneralLights	ELECTRIC EQUIPMENT#PH1BedroomLevel:Study#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
PH1BEDROOMLEVEL:VOID GENERAL LIGHTING	PH1BEDROOMLEVEL:VOID	9.0000	0.07	0.65	ELECTRIC EQUIPMENT#PH1BedroomLevel:Void#GeneralLights	ELECTRIC EQUIPMENT#PH1BedroomLevel:Void#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
GARAGE1:ZONE1 GENERAL LIGHTING	GARAGE1:ZONE1	9.0000	46.77	420.95	ELECTRIC EQUIPMENT#Garage1:Zone1#GeneralLights	ELECTRIC EQUIPMENT#Garage1:Zone1#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
GARAGE2:ZONE1 GENERAL LIGHTING	GARAGE2:ZONE1	9.0000	43.02	387.20	ELECTRIC EQUIPMENT#Garage2:Zone1#GeneralLights	ELECTRIC EQUIPMENT#Garage2:Zone1#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
STAIRS1:ZONE1 GENERAL LIGHTING	STAIRS1:ZONE1	9.0000	8.96	80.61	ELECTRIC EQUIPMENT#Stairs1:Zone1#GeneralLights	ELECTRIC EQUIPMENT#Stairs1:Zone1#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
STAIRS2:ZONE1 GENERAL LIGHTING	STAIRS2:ZONE1	9.0000	8.96	80.61	ELECTRIC EQUIPMENT#Stairs2:Zone1#GeneralLights	ELECTRIC EQUIPMENT#Stairs2:Zone1#GeneralLights	APARTMENT LIGHTING EQUIPMENT	63.00
Interior Lighting Total		9.0000	746.21	6715.93				

**Daylighting**

Zone	Daylighting Type	Control Type	Fraction Controlled	Lighting Installed in Zone [W]	Lighting Controlled [W]
None					

**Exterior Lighting**

	Total Watts	Astronomical Clock/Schedule	Schedule Name	Scheduled Hours/Week [hr]	Hours/Week > 1% [hr]	Full Load Hours/Week [hr]	Consumption [kWh]
Exterior Lighting Total	0.00						0.00

Report: **Equipment Summary**

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For: **Entire Facility**

Timestamp: **2018-06-10 00:35:52**

**Central Plant**

Type	Nominal Capacity [W]	Nominal Efficiency [W/W]	IPLV in SI Units [W/W]	IPLV in IP Units [Btu/W-h]
None				

**Cooling Coils**

Type	Design Coil Load [W]	Nominal Total Capacity [W]	Nominal Sensible Capacity [W]	Nominal Latent Capacity [W]	Nominal Sensible Heat Ratio	Nominal Efficiency [W/W]	Nominal Coil UA Value [W/C]	Nominal Coil Surface Area [m2]
None								

**DX Cooling Coils**

DX Cooling Coil Type	Standard Rated Net Cooling Capacity [W]	Standard Rated Net COP [W/W]	EER [Btu/W-h]	SEER [Btu/W-h]	IEER [Btu/W-h]
None					

**DX Cooling Coil ASHRAE 127 Standard Ratings Report**

DX Cooling Coil Type	Rated Net Cooling Capacity Test A [W]	Rated Electric Power Test A [W]	Rated Net Cooling Capacity Test B [W]	Rated Electric Power Test B [W]	Rated Net Cooling Capacity Test C [W]	Rated Electric Power Test C [W]	Rated Net Cooling Capacity Test D [W]	Rated Electric Power Test D [W]
None								

**DX Heating Coils**

DX Heating Coil Type	High Temperature Heating (net) Rating Capacity [W]	Low Temperature Heating (net) Rating Capacity [W]	HSPF [Btu/W-h]	Region Number
None				

**Heating Coils**

Type	Design Coil Load [W]	Nominal Total Capacity [W]	Nominal Efficiency [W/W]
None			

**Fans**

Type	Total Efficiency [W/W]	Delta Pressure [pa]	Max Air Flow Rate [m3/s]	Rated Electric Power [W]	Rated Power Per Max Air Flow Rate [W-s/m3]	Motor Heat In Air Fraction	End Use
None							

**Pumps**

Type	Control	Head [pa]	Water Flow [m3/s]	Electric Power [W]	Power Per Water Flow Rate [W-s/m3]	Motor Efficiency [W/W]
None						

**Service Water Heating**

Type	Storage Volume [m3]	Input [W]	Thermal Efficiency [W/W]	Recovery Efficiency [W/W]	Energy Factor
None					

Report: **HVAC Sizing Summary**

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For: **Entire Facility**

Timestamp: **2018-06-10 00:35:52**

**Zone Sensible Cooling**

	Calculated Design Load [W]	User Design Load [W]	User Design Load per Area [W/m2]	Calculated Design Air Flow [m3/s]	User Design Air Flow [m3/s]	Design Day Name	Date/Time Of Peak {TIMESTAMP}	Thermostat Setpoint Temperature at Peak Load [C]	Indoor Temperature at Peak Load [C]	Indoor Humidity Ratio at Peak Load [kgWater/kgAir]	Outdoor Temperature at Peak Load [C]	Indoor Air Flow [kg/s]
STUDIOCORNERSOUTH:LIVING	0.00	0.00	0.00	0.000	0.009	SUMMER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)		34.01	0.00	0.00000	31.00	
STUDIOCORNERSOUTH:BEDROOM	0.00	0.00	0.00	0.000	0.005	SUMMER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)		34.48	0.00	0.00000	31.00	
STUDIOSOUTH:BEDROOM	0.00	0.00	0.00	0.000	0.005	SUMMER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)		34.47	0.00	0.00000	31.00	
STUDIOSOUTH:LIVING	0.00	0.00	0.00	0.000	0.009	SUMMER DESIGN DAY IN CHRISTCHURCH		34.11	0.00	0.00000	31.00	

						(01-01:31-12)						
VILLALIVINGFLOOR:MEDIASOUTH	0.00	0.00	0.00	0.000	0.004	SUMMER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)		35.43	0.00	0.00000	31.00	
VILLALIVINGFLOOR:LIVINGNORTH	0.00	0.00	0.00	0.000	0.021	SUMMER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)		37.58	0.00	0.00000	31.00	
VILLABEDROOMFLOOR:BEDROOMSOUTH	0.00	0.00	0.00	0.000	0.006	SUMMER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)		34.32	0.00	0.00000	31.00	
VILLABEDROOMFLOOR:BEDROOMNORTH	0.00	0.00	0.00	0.000	0.008	SUMMER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)		38.11	0.00	0.00000	31.00	
VILLABEDROOMFLOOR:MEDIANORTH	0.00	0.00	0.00	0.000	0.003	SUMMER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)		37.14	0.00	0.00000	31.00	
RESORTROOM:BEDROOMSOUTH	0.00	0.00	0.00	0.000	0.006	SUMMER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)		35.78	0.00	0.00000	31.00	
RESORTROOM:LIVINGNORTH	0.00	0.00	0.00	0.000	0.010	SUMMER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)		37.50	0.00	0.00000	31.00	
RESORTROOM:BEDROOMNORTH	0.00	0.00	0.00	0.000	0.004	SUMMER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)		37.91	0.00	0.00000	31.00	
LUXURYAPARTMENT:LIVINGNORTH	0.00	0.00	0.00	0.000	0.016	SUMMER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)		39.47	0.00	0.00000	31.00	
LUXURYAPARTMENT:BEDROOMSOUTH	0.00	0.00	0.00	0.000	0.004	SUMMER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)		38.48	0.00	0.00000	31.00	
PH1LIVINGLEVEL:BEDROOMSOUTH	0.00	0.00	0.00	0.000	0.004	SUMMER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)		39.13	0.00	0.00000	31.00	
PH1LIVINGLEVEL:LIVINGNORTH	0.00	0.00	0.00	0.000	0.018	SUMMER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)		46.07	0.00	0.00000	31.00	
PH1BEDROOMLEVEL:BEDROOM	0.00	0.00	0.00	0.000	0.015	SUMMER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)		37.47	0.00	0.00000	31.00	
PH1BEDROOMLEVEL:STUDY	0.00	0.00	0.00	0.000	0.004	SUMMER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)		37.26	0.00	0.00000	31.00	
PH1BEDROOMLEVEL:VOID	0.00	0.00	0.00	0.000	0.000	SUMMER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)		47.39	0.00	0.00000	31.00	

The Design Load is the zone sensible load only. It does not include any system effects or ventilation loads.

**Zone Sensible Heating**

	Calculated Design Load [W]	User Design Load [W]	User Design Load per Area [W/m2]	Calculated Design Air Flow [m3/s]	User Design Air Flow [m3/s]	Design Day Name	Date/Time Of Peak {TIMESTAMP}	Thermostat Setpoint Temperature at Peak Load [C]	Indoor Temperature at Peak Load [C]	Indoor Humidity Ratio at Peak Load [kgWater/kgAir]	Outdoor Temperature at Peak Load [C]	I [k
STUDIOCORNERSOUTH:LIVING	759.89	949.86	29.72	0.041	0.051	WINTER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)	7/15 24:00:00	20.00	19.99	0.01474	-2.80	
STUDIOCORNERSOUTH:BEDROOM	390.07	487.59	29.10	0.021	0.026	WINTER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)	7/15 24:00:00	20.00	19.99	0.01474	-2.80	
STUDIOSOUTH:BEDROOM	375.33	469.16	27.98	0.020	0.025	WINTER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)	7/15 24:00:00	20.00	19.99	0.01474	-2.80	
STUDIOSOUTH:LIVING	657.16	821.45	25.71	0.035	0.044	WINTER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)	7/15 24:00:00	20.00	19.99	0.01474	-2.80	
VILLALIVINGFLOOR:MEDIASOUTH	583.79	729.73	47.31	0.031	0.039	WINTER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)	7/15 24:00:00	20.00	19.99	0.01474	-2.80	



VILLALIVINGFLOOR:LIVINGNORTH	1742.85	2178.56	28.71	0.094	0.117	WINTER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)	7/15 24:00:00	20.00	19.99	0.01474	-2.80
VILLABEDROOMFLOOR:BEDROOMSOUTH	1173.93	1467.41	70.91	0.063	0.079	WINTER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)	7/15 24:00:00	20.00	19.99	0.01474	-2.80
VILLABEDROOMFLOOR:BEDROOMNORTH	1406.85	1758.57	61.62	0.076	0.094	WINTER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)	7/15 24:00:00	20.00	19.99	0.01474	-2.80
VILLABEDROOMFLOOR:MEDIANORTH	643.13	803.92	66.94	0.035	0.043	WINTER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)	7/15 24:00:00	20.00	19.99	0.01474	-2.80
RESORTROOM:BEDROOMSOUTH	549.92	687.40	32.08	0.030	0.037	WINTER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)	7/15 24:00:00	20.00	19.99	0.01474	-2.80
RESORTROOM:LIVINGNORTH	649.97	812.47	23.45	0.035	0.044	WINTER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)	7/15 24:00:00	20.00	20.00	0.01475	-2.80
RESORTROOM:BEDROOMNORTH	388.13	485.16	34.56	0.021	0.026	WINTER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)	7/15 24:00:00	20.00	19.99	0.01474	-2.80
LUXURYAPARTMENT:LIVINGNORTH	1149.24	1436.55	24.41	0.062	0.077	WINTER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)	7/15 24:00:00	20.00	20.00	0.01475	-2.80
LUXURYAPARTMENT:BEDROOMSOUTH	578.98	723.72	46.16	0.031	0.039	WINTER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)	7/15 24:00:00	20.00	19.99	0.01474	-2.80
PH1LIVINGLEVEL:BEDROOMSOUTH	595.22	744.03	50.30	0.032	0.040	WINTER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)	7/15 24:00:00	20.00	19.99	0.01474	-2.80
PH1LIVINGLEVEL:LIVINGNORTH	1277.47	1596.84	24.51	0.069	0.086	WINTER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)	7/15 24:00:00	20.00	19.99	0.01474	-2.80
PH1BEDROOMLEVEL:BEDROOM	1347.56	1684.45	31.78	0.072	0.090	WINTER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)	7/15 24:00:00	20.00	19.99	0.01474	-2.80
PH1BEDROOMLEVEL:STUDY	731.66	914.57	66.60	0.039	0.049	WINTER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)	7/15 24:00:00	20.00	19.99	0.01474	-2.80
PH1BEDROOMLEVEL:VOID	1264.83	1581.04	22025.64	0.068	0.085	WINTER DESIGN DAY IN CHRISTCHURCH (01-01:31-12)	7/15 24:00:00	20.00	19.99	0.01474	-2.80

The Design Load is the zone sensible load only. It does not include any system effects or ventilation loads.

**System Design Air Flow Rates**

	Calculated cooling [m3/s]	User cooling [m3/s]	Calculated heating [m3/s]	User heating [m3/s]
None				

**Plant Loop Coincident Design Fluid Flow Rate Adjustments**

	Previous Design Volume Flow Rate [m3/s]	Algorithm Volume Flow Rate [m3/s]	Coincident Design Volume Flow Rate [m3/s]	Coincident Size Adjusted	Peak Sizing Period Name	Peak Day into Period {TIMESTAMP}[day]	Peak Hour Of Day {TIMESTAMP}[hr]	Peak Step Start Minute {TIMESTAMP}[min]
None								

Report: **System Summary**

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For: **Entire Facility**

Timestamp: **2018-06-10 00:35:52**

**Economizer**

	High Limit Shutoff Control	Minimum Outdoor Air [m3/s]	Maximum Outdoor Air [m3/s]	Return Air Temp Limit	Return Air Enthalpy Limit	Outdoor Air Temperature Limit [C]	Outdoor Air Enthalpy Limit [C]
None							

**Demand Controlled Ventilation using Controller:MechanicalVentilation**

	Outdoor Air

	Controller:MechanicalVentilation Name	Per Person [m3/s-person]	Outdoor Air Per Area [m3/s-m2]	Outdoor Air Per Zone [m3/s]	Outdoor Air ACH [ach]	Outdoor Air Method	Outdoor Air Schedule Name	Air Distribution Effectiveness in Cooling Mode	Air Distribution Effectiveness in Heating Mode	Air Distribution Effectiveness Schedule Name
None										

**Time Not Comfortable Based on Simple ASHRAE 55-2004**

	Winter Clothes [hr]	Summer Clothes [hr]	Summer or Winter Clothes [hr]
STUDIOCORNERSOUTH:LIVING	2338.50	2946.50	1488.50
STUDIOCORNERSOUTH:BEDROOM	2279.00	2865.50	1359.50
STUDIOSOUTH:BEDROOM	2249.50	2840.50	1304.00
STUDIOSOUTH:LIVING	2260.00	2850.50	1326.50
VILLALIVINGFLOOR:MEDIASOUTH	2999.50	3082.50	2203.50
VILLALIVINGFLOOR:LIVINGNORTH	2660.50	3001.00	1806.50
VILLABEDROOMFLOOR:BEDROOMSOUTH	2857.00	3407.00	2396.50
VILLABEDROOMFLOOR:BEDROOMNORTH	2748.50	3287.50	2193.00
VILLABEDROOMFLOOR:MEDIANORTH	2690.50	3192.50	2043.00
RESORTROOM:BEDROOMSOUTH	2857.00	3202.00	2166.50
RESORTROOM:LIVINGNORTH	2407.00	3019.50	1624.50
RESORTROOM:BEDROOMNORTH	2460.00	2986.00	1625.00
LUXURYAPARTMENT:LIVINGNORTH	2532.50	2982.00	1712.50
LUXURYAPARTMENT:BEDROOMSOUTH	3047.50	3234.50	2366.50
PH1LIVINGLEVEL:BEDROOMSOUTH	3071.50	3229.50	2396.50
PH1LIVINGLEVEL:LIVINGNORTH	2729.00	3074.50	1966.00
PH1BEDROOMLEVEL:BEDROOM	2869.00	3126.00	2139.00
PH1BEDROOMLEVEL:STUDY	2977.00	3210.00	2328.50
PH1BEDROOMLEVEL:VOID	2825.50	3099.00	2114.50
STUDIOCORNERSOUTH:BATHROOM	4015.00	4015.00	4015.00
STUDIOSOUTH:BATHROOM	4015.00	4015.00	4015.00
VILLALIVINGFLOOR:BATHROOM	3983.50	4015.00	3983.50
VILLABEDROOMFLOOR:BATHROOM	3951.50	4015.00	3951.50
VILLABEDROOMFLOOR:HALL	4011.50	4015.00	4011.50
VILLABEDROOMFLOOR:WIC	4015.00	4015.00	4015.00
VILLABEDROOMFLOOR:BARHROOM	0.00	0.00	0.00
VILLAROOF:ZONE1	0.00	0.00	0.00
RESORTROOM:BATHROOM1	3925.50	4015.00	3925.50
RESORTROOM:HALL	4015.00	4015.00	4015.00
RESORTROOM:BATHROOM	4015.00	4015.00	4015.00
LUXURYAPARTMENT:STORAGE	4015.00	4015.00	4015.00
LUXURYAPARTMENT:BATHROOM1	4015.00	4015.00	4015.00
LUXURYAPARTMENT:BATHROOM	3940.00	4015.00	3940.00
PH1LIVINGLEVEL:STORAGE	4006.00	4011.00	4002.50
PH1LIVINGLEVEL:BATHROOM	3927.50	4015.00	3927.50
PH1BEDROOMLEVEL:EMPTY	0.00	0.00	0.00
GARAGE1:ZONE1	0.00	0.00	0.00
GARAGE2:ZONE1	0.00	0.00	0.00
PH1ROOF:ZONE1	2843.00	3430.00	2401.50
STAIRS1:ZONE1	2944.00	3110.50	2174.50
STAIRS2:ZONE1	2946.00	3046.00	2103.50
Facility	4015.00	4015.00	4015.00

Aggregated over the RunPeriods for Weather

**Time Setpoint Not Met**

	During Heating [hr]	During Cooling [hr]	During Occupied Heating [hr]	During Occupied Cooling [hr]
STUDIOCORNERSOUTH:LIVING	0.00	0.00	0.00	0.00
STUDIOCORNERSOUTH:BEDROOM	0.00	0.00	0.00	0.00
STUDIOSOUTH:BEDROOM	0.00	0.00	0.00	0.00
STUDIOSOUTH:LIVING	0.00	0.00	0.00	0.00
VILLALIVINGFLOOR:MEDIASOUTH	0.00	0.00	0.00	0.00
VILLALIVINGFLOOR:LIVINGNORTH	0.00	0.00	0.00	0.00
VILLABEDROOMFLOOR:BEDROOMSOUTH	0.00	0.00	0.00	0.00
VILLABEDROOMFLOOR:BEDROOMNORTH	0.00	0.00	0.00	0.00
VILLABEDROOMFLOOR:MEDIANORTH	0.00	0.00	0.00	0.00
RESORTROOM:BEDROOMSOUTH	0.00	0.00	0.00	0.00
RESORTROOM:LIVINGNORTH	0.00	0.00	0.00	0.00
RESORTROOM:BEDROOMNORTH	0.00	0.00	0.00	0.00

LUXURYAPARTMENT:LIVINGNORTH	0.00	0.00	0.00	0.00
LUXURYAPARTMENT:BEDROOMSOUTH	0.00	0.00	0.00	0.00
PH1LIVINGLEVEL:BEDROOMSOUTH	0.00	0.00	0.00	0.00
PH1LIVINGLEVEL:LIVINGNORTH	0.00	0.00	0.00	0.00
PH1BEDROOMLEVEL:BEDROOM	0.00	0.00	0.00	0.00
PH1BEDROOMLEVEL:STUDY	0.00	0.00	0.00	0.00
PH1BEDROOMLEVEL:VOID	0.00	0.00	0.00	0.00
STUDIOCORNERSOUTH:BATHROOM	0.00	0.00	0.00	0.00
STUDIOSOUTH:BATHROOM	0.00	0.00	0.00	0.00
VILLALIVINGFLOOR:BATHROOM	0.00	0.00	0.00	0.00
VILLABEDROOMFLOOR:BATHROOM	0.00	0.00	0.00	0.00
VILLABEDROOMFLOOR:HALL	0.00	0.00	0.00	0.00
VILLABEDROOMFLOOR:WIC	0.00	0.00	0.00	0.00
VILLABEDROOMFLOOR:BARHROOM	0.00	0.00	0.00	0.00
VILLAROOF:ZONE1	0.00	0.00	0.00	0.00
RESORTROOM:BATHROOM1	0.00	0.00	0.00	0.00
RESORTROOM:HALL	0.00	0.00	0.00	0.00
RESORTROOM:BATHROOM	0.00	0.00	0.00	0.00
LUXURYAPARTMENT:STORAGE	0.00	0.00	0.00	0.00
LUXURYAPARTMENT:BATHROOM1	0.00	0.00	0.00	0.00
LUXURYAPARTMENT:BATHROOM	0.00	0.00	0.00	0.00
PH1LIVINGLEVEL:STORAGE	0.00	0.00	0.00	0.00
PH1LIVINGLEVEL:BATHROOM	0.00	0.00	0.00	0.00
PH1BEDROOMLEVEL:EMPTY	0.00	0.00	0.00	0.00
GARAGE1:ZONE1	0.00	0.00	0.00	0.00
GARAGE2:ZONE1	0.00	0.00	0.00	0.00
PH1ROOF:ZONE1	0.00	0.00	0.00	0.00
STAIRS1:ZONE1	0.00	0.00	0.00	0.00
STAIRS2:ZONE1	0.00	0.00	0.00	0.00
Facility	0.00	0.00	0.00	0.00

Aggregated over the RunPeriods for Weather

Report: **Outdoor Air Summary**

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For: **Entire Facility**

Timestamp: **2018-06-10 00:35:52**

**Average Outdoor Air During Occupied Hours**

	Average Number of Occupants	Nominal Number of Occupants	Zone Volume [m3]	Mechanical Ventilation [ach]	Infiltration [ach]	AFN Infiltration [ach]	Simple Ventilation [ach]
STUDIOCORNERSOUTH:LIVING	0.73	0.91	75.11	0.433	0.045	0.000	0.000
STUDIOCORNERSOUTH:BEDROOM	0.38	0.48	39.38	0.434	0.030	0.000	0.000
STUDIOSOUTH:BEDROOM	0.38	0.48	39.41	0.434	0.030	0.000	0.000
STUDIOSOUTH:LIVING	0.73	0.91	75.07	0.433	0.030	0.000	0.000
VILLALIVINGFLOOR:MEDIASOUTH	0.35	0.44	43.50	0.361	0.045	0.000	0.000
VILLALIVINGFLOOR:LIVINGNORTH	1.73	2.17	213.98	0.361	0.045	0.000	0.000
VILLABEDROOMFLOOR:BEDROOMSOUTH	0.47	0.59	58.36	0.360	0.045	0.000	0.000
VILLABEDROOMFLOOR:BEDROOMNORTH	0.65	0.82	80.49	0.360	0.045	0.000	0.000
VILLABEDROOMFLOOR:MEDIANORTH	0.27	0.34	33.87	0.360	0.030	0.000	0.000
RESORTROOM:BEDROOMSOUTH	0.49	0.61	60.42	0.362	0.030	0.000	0.000
RESORTROOM:LIVINGNORTH	0.79	0.99	97.69	0.363	0.030	0.000	0.000
RESORTROOM:BEDROOMNORTH	0.32	0.40	39.59	0.362	0.030	0.000	0.000
LUXURYAPARTMENT:LIVINGNORTH	1.34	1.68	165.94	0.364	0.030	0.000	0.000
LUXURYAPARTMENT:BEDROOMSOUTH	0.36	0.45	44.22	0.362	0.030	0.000	0.000
PH1LIVINGLEVEL:BEDROOMSOUTH	0.34	0.42	41.72	0.362	0.030	0.000	0.000
PH1LIVINGLEVEL:LIVINGNORTH	1.48	1.86	183.76	0.363	0.046	0.000	0.000
PH1BEDROOMLEVEL:BEDROOM	1.21	1.52	164.83	0.328	0.045	0.000	0.000
PH1BEDROOMLEVEL:STUDY	0.31	0.39	42.71	0.327	0.030	0.000	0.000
PH1BEDROOMLEVEL:VOID	0.00	0.00	101.81	0.001	0.045	0.000	0.000

Values shown for a single zone without multipliers

**Minimum Outdoor Air During Occupied Hours**

	Average Number of Occupants	Nominal Number of Occupants	Zone Volume [m3]	Mechanical Ventilation [ach]	Infiltration [ach]	AFN Infiltration [ach]	Simple Ventilation [ach]
STUDIOCORNERSOUTH:LIVING	0.73	0.91	75.11	0.417	0.004	0.000	0.000

STUDIOCORNERSOUTH:BEDROOM	0.38	0.48	39.38	0.417	0.003	0.000	0.000
STUDIOSOUTH:BEDROOM	0.38	0.48	39.41	0.417	0.003	0.000	0.000
STUDIOSOUTH:LIVING	0.73	0.91	75.07	0.417	0.003	0.000	0.000
VILLALIVINGFLOOR:MEDIASOUTH	0.35	0.44	43.50	0.347	0.004	0.000	0.000
VILLALIVINGFLOOR:LIVINGNORTH	1.73	2.17	213.98	0.348	0.004	0.000	0.000
VILLABEDROOMFLOOR:BEDROOMSOUTH	0.47	0.59	58.36	0.344	0.004	0.000	0.000
VILLABEDROOMFLOOR:BEDROOMNORTH	0.65	0.82	80.49	0.345	0.004	0.000	0.000
VILLABEDROOMFLOOR:MEDIANORTH	0.27	0.34	33.87	0.345	0.002	0.000	0.000
RESORTROOM:BEDROOMSOUTH	0.49	0.61	60.42	0.348	0.002	0.000	0.000
RESORTROOM:LIVINGNORTH	0.79	0.99	97.69	0.348	0.003	0.000	0.000
RESORTROOM:BEDROOMNORTH	0.32	0.40	39.59	0.348	0.003	0.000	0.000
LUXURYAPARTMENT:LIVINGNORTH	1.34	1.68	165.94	0.348	0.003	0.000	0.000
LUXURYAPARTMENT:BEDROOMSOUTH	0.36	0.45	44.22	0.348	0.002	0.000	0.000
PH1LIVINGLEVEL:BEDROOMSOUTH	0.34	0.42	41.72	0.348	0.002	0.000	0.000
PH1LIVINGLEVEL:LIVINGNORTH	1.48	1.86	183.76	0.348	0.004	0.000	0.000
PH1BEDROOMLEVEL:BEDROOM	1.21	1.52	164.83	0.315	0.004	0.000	0.000
PH1BEDROOMLEVEL:STUDY	0.31	0.39	42.71	0.313	0.002	0.000	0.000
PH1BEDROOMLEVEL:VOID	0.00	0.00	101.81	0.001	0.004	0.000	0.000

Values shown for a single zone without multipliers

Report: **Object Count Summary**

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For: **Entire Facility**

Timestamp: **2018-06-10 00:35:52**

**Surfaces by Class**

	Total	Outdoors
Wall	276	65
Floor	112	15
Roof	120	23
Internal Mass	0	0
Building Detached Shading	548	548
Fixed Detached Shading	0	0
Window	44	44
Door	9	5
Glass Door	0	0
Shading	0	0
Overhang	0	0
Fin	0	0
Tubular Daylighting Device Dome	0	0
Tubular Daylighting Device Diffuser	0	0

**HVAC**

	Count
HVAC Air Loops	0
Conditioned Zones	19
Unconditioned Zones	22
Supply Plenums	0
Return Plenums	0

**Input Fields**

	Count
IDF Objects	7882
Defaulted Fields	235
Fields with Defaults	17086
Autosized Fields	38
Autosizable Fields	76
Autocalculated Fields	233
Autocalculatable Fields	1555

Report: **Energy Meters**

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For: Entire Facility

Timestamp: 2018-06-10 00:35:52

Annual and Peak Values - Electricity

	Electricity Annual Value [kWh]	Electricity Minimum Value [W]	Timestamp of Minimum {TIMESTAMP}	Electricity Maximum Value [W]	Timestamp of Maximum {TIMESTAMP}
Electricity:Facility	35196.14	1071.42	01-JAN-00:30	10714.19	01-JAN-18:30
Electricity:Building	35196.14	1071.42	01-JAN-00:30	10714.19	01-JAN-18:30
Electricity:Zone:STUDIOCORNERSOUTH:LIVING	1511.89	46.02	01-JAN-00:30	460.24	01-JAN-18:30
InteriorLights:Electricity	22061.85	671.59	01-JAN-00:30	6715.93	01-JAN-18:30
InteriorLights:Electricity:Zone:STUDIOCORNERSOUTH:LIVING	944.93	28.77	01-JAN-00:30	287.65	01-JAN-18:30
ELECTRIC EQUIPMENT#StudioCornerSouth:Living#GeneralLights:InteriorLights:Electricity	944.93	28.77	01-JAN-00:30	287.65	01-JAN-18:30
Electricity:Zone:STUDIOCORNERSOUTH:BEDROOM	792.74	24.13	01-JAN-00:30	241.32	01-JAN-18:30
InteriorLights:Electricity:Zone:STUDIOCORNERSOUTH:BEDROOM	495.47	15.08	01-JAN-00:30	150.83	01-JAN-18:30
ELECTRIC EQUIPMENT#StudioCornerSouth:Bedroom#GeneralLights:InteriorLights:Electricity	495.47	15.08	01-JAN-00:30	150.83	01-JAN-18:30
Electricity:Zone:STUDIOCORNERSOUTH:BATHROOM	357.84	10.89	01-JAN-00:30	108.93	01-JAN-18:30
InteriorLights:Electricity:Zone:STUDIOCORNERSOUTH:BATHROOM	223.65	6.81	01-JAN-00:30	68.08	01-JAN-18:30
ELECTRIC EQUIPMENT#StudioCornerSouth:Bathroom#GeneralLights:InteriorLights:Electricity	223.65	6.81	01-JAN-00:30	68.08	01-JAN-18:30
Electricity:Zone:STUDIOSOUTH:BEDROOM	793.21	24.15	01-JAN-00:30	241.46	01-JAN-18:30
InteriorLights:Electricity:Zone:STUDIOSOUTH:BEDROOM	495.76	15.09	01-JAN-00:30	150.92	01-JAN-18:30
ELECTRIC EQUIPMENT#StudioSouth:Bedroom#GeneralLights:InteriorLights:Electricity	495.76	15.09	01-JAN-00:30	150.92	01-JAN-18:30
Electricity:Zone:STUDIOSOUTH:LIVING	1511.21	46.00	01-JAN-00:30	460.03	01-JAN-18:30
InteriorLights:Electricity:Zone:STUDIOSOUTH:LIVING	944.51	28.75	01-JAN-00:30	287.52	01-JAN-18:30
ELECTRIC EQUIPMENT#StudioSouth:Living#GeneralLights:InteriorLights:Electricity	944.51	28.75	01-JAN-00:30	287.52	01-JAN-18:30
Electricity:Zone:STUDIOSOUTH:BATHROOM	358.04	10.90	01-JAN-00:30	108.99	01-JAN-18:30
InteriorLights:Electricity:Zone:STUDIOSOUTH:BATHROOM	223.78	6.81	01-JAN-00:30	68.12	01-JAN-18:30
ELECTRIC EQUIPMENT#StudioSouth:Bathroom#GeneralLights:InteriorLights:Electricity	223.78	6.81	01-JAN-00:30	68.12	01-JAN-18:30
Electricity:Zone:VILLALIVINGFLOOR:MEDIASOUTH	729.61	22.21	01-JAN-00:30	222.10	01-JAN-18:30
InteriorLights:Electricity:Zone:VILLALIVINGFLOOR:MEDIASOUTH	456.01	13.88	01-JAN-00:30	138.82	01-JAN-18:30
ELECTRIC EQUIPMENT#VillaLivingFloor:MediaSouth#GeneralLights:InteriorLights:Electricity	456.01	13.88	01-JAN-00:30	138.82	01-JAN-18:30
Electricity:Zone:VILLALIVINGFLOOR:BATHROOM	254.69	7.75	01-JAN-00:30	77.53	01-JAN-18:30
InteriorLights:Electricity:Zone:VILLALIVINGFLOOR:BATHROOM	159.18	4.85	01-JAN-00:30	48.46	01-JAN-18:30
ELECTRIC EQUIPMENT#VillaLivingFloor:Bathroom#GeneralLights:InteriorLights:Electricity	159.18	4.85	01-JAN-00:30	48.46	01-JAN-18:30
Electricity:Zone:VILLALIVINGFLOOR:LIVINGNORTH	3589.44	109.27	01-JAN-00:30	1092.67	01-JAN-18:30
InteriorLights:Electricity:Zone:VILLALIVINGFLOOR:LIVINGNORTH	2243.40	68.29	01-JAN-00:30	682.92	01-JAN-18:30
ELECTRIC EQUIPMENT#VillaLivingFloor:LivingNorth#GeneralLights:InteriorLights:Electricity	2243.40	68.29	01-JAN-00:30	682.92	01-JAN-18:30
Electricity:Zone:VILLABEDROOMFLOOR:BEDROOMSOUTH	978.89	29.80	01-JAN-00:30	297.99	01-JAN-18:30
InteriorLights:Electricity:Zone:VILLABEDROOMFLOOR:BEDROOMSOUTH	611.81	18.62	01-JAN-00:30	186.24	01-JAN-18:30
ELECTRIC EQUIPMENT#VillaBedroomFloor:BedroomSouth#GeneralLights:InteriorLights:Electricity	611.81	18.62	01-JAN-00:30	186.24	01-JAN-18:30
Electricity:Zone:VILLABEDROOMFLOOR:BATHROOM	276.73	8.42	01-JAN-00:30	84.24	01-JAN-18:30
InteriorLights:Electricity:Zone:VILLABEDROOMFLOOR:BATHROOM	172.96	5.27	01-JAN-00:30	52.65	01-JAN-18:30
ELECTRIC EQUIPMENT#VillaBedroomFloor:Bathroom#GeneralLights:InteriorLights:Electricity	172.96	5.27	01-JAN-00:30	52.65	01-JAN-18:30
Electricity:Zone:VILLABEDROOMFLOOR:HALL	379.42	11.55	01-JAN-00:30	115.50	01-JAN-18:30
InteriorLights:Electricity:Zone:VILLABEDROOMFLOOR:HALL	237.14	7.22	01-JAN-00:30	72.19	01-JAN-18:30
ELECTRIC EQUIPMENT#VillaBedroomFloor:Hall#GeneralLights:InteriorLights:Electricity	237.14	7.22	01-JAN-00:30	72.19	01-JAN-18:30
Electricity:Zone:VILLABEDROOMFLOOR:BEDROOMNORTH	1350.11	41.10	01-JAN-00:30	410.99	01-JAN-18:30
InteriorLights:Electricity:Zone:VILLABEDROOMFLOOR:BEDROOMNORTH	843.82	25.69	01-JAN-00:30	256.87	01-JAN-18:30
ELECTRIC EQUIPMENT#VillaBedroomFloor:BedroomNorth#GeneralLights:InteriorLights:Electricity	843.82	25.69	01-JAN-00:30	256.87	01-JAN-18:30
Electricity:Zone:VILLABEDROOMFLOOR:WIC	402.86	12.26	01-JAN-00:30	122.64	01-JAN-18:30
InteriorLights:Electricity:Zone:VILLABEDROOMFLOOR:WIC	251.79	7.66	01-JAN-00:30	76.65	01-JAN-18:30
ELECTRIC EQUIPMENT#VillaBedroomFloor:WIC#GeneralLights:InteriorLights:Electricity	251.79	7.66	01-JAN-00:30	76.65	01-JAN-18:30
Electricity:Zone:VILLABEDROOMFLOOR:MEDIANORTH	568.10	17.29	01-JAN-00:30	172.94	01-JAN-18:30
InteriorLights:Electricity:Zone:VILLABEDROOMFLOOR:MEDIANORTH	355.06	10.81	01-JAN-00:30	108.09	01-JAN-18:30
ELECTRIC EQUIPMENT#VillaBedroomFloor:MediaNorth#GeneralLights:InteriorLights:Electricity	355.06	10.81	01-JAN-00:30	108.09	01-JAN-18:30
Electricity:Zone:RESORTROOM:BATHROOM1	314.95	9.59	01-JAN-00:30	95.88	01-JAN-18:30
InteriorLights:Electricity:Zone:RESORTROOM:BATHROOM1	196.84	5.99	01-JAN-00:30	59.92	01-JAN-18:30
ELECTRIC EQUIPMENT#ResortRoom:Bathroom1#GeneralLights:InteriorLights:Electricity	196.84	5.99	01-JAN-00:30	59.92	01-JAN-18:30
Electricity:Zone:RESORTROOM:BEDROOMSOUTH	1013.57	30.85	01-JAN-00:30	308.54	01-JAN-18:30
InteriorLights:Electricity:Zone:RESORTROOM:BEDROOMSOUTH	633.48	19.28	01-JAN-00:30	192.84	01-JAN-18:30

ELECTRIC EQUIPMENT#ResortRoom:BedroomSouth#GeneralLights:InteriorLights:Electricity	633.48	19.28	01-JAN-00:30	192.84	01-JAN-18:30
Electricity:Zone:RESORTROOM:HALL	401.69	12.23	01-JAN-00:30	122.28	01-JAN-18:30
InteriorLights:Electricity:Zone:RESORTROOM:HALL	251.05	7.64	01-JAN-00:30	76.42	01-JAN-18:30
ELECTRIC EQUIPMENT#ResortRoom:Hall#GeneralLights:InteriorLights:Electricity	251.05	7.64	01-JAN-00:30	76.42	01-JAN-18:30
Electricity:Zone:RESORTROOM:LIVINGNORTH	1638.76	49.89	01-JAN-00:30	498.86	01-JAN-18:30
InteriorLights:Electricity:Zone:RESORTROOM:LIVINGNORTH	1024.22	31.18	01-JAN-00:30	311.79	01-JAN-18:30
ELECTRIC EQUIPMENT#ResortRoom:LivingNorth#GeneralLights:InteriorLights:Electricity	1024.22	31.18	01-JAN-00:30	311.79	01-JAN-18:30
Electricity:Zone:RESORTROOM:BATHROOM	363.21	11.06	01-JAN-00:30	110.56	01-JAN-18:30
InteriorLights:Electricity:Zone:RESORTROOM:BATHROOM	227.00	6.91	01-JAN-00:30	69.10	01-JAN-18:30
ELECTRIC EQUIPMENT#ResortRoom:Bathroom#GeneralLights:InteriorLights:Electricity	227.00	6.91	01-JAN-00:30	69.10	01-JAN-18:30
Electricity:Zone:RESORTROOM:BEDROOMNORTH	664.16	20.22	01-JAN-00:30	202.18	01-JAN-18:30
InteriorLights:Electricity:Zone:RESORTROOM:BEDROOMNORTH	415.10	12.64	01-JAN-00:30	126.36	01-JAN-18:30
ELECTRIC EQUIPMENT#ResortRoom:BedroomNorth#GeneralLights:InteriorLights:Electricity	415.10	12.64	01-JAN-00:30	126.36	01-JAN-18:30
Electricity:Zone:LUXURYAPARTMENT:STORAGE	369.81	11.26	01-JAN-00:30	112.58	01-JAN-18:30
InteriorLights:Electricity:Zone:LUXURYAPARTMENT:STORAGE	231.13	7.04	01-JAN-00:30	70.36	01-JAN-18:30
ELECTRIC EQUIPMENT#LuxuryApartment:Storage#GeneralLights:InteriorLights:Electricity	231.13	7.04	01-JAN-00:30	70.36	01-JAN-18:30
Electricity:Zone:LUXURYAPARTMENT:LIVINGNORTH	2783.59	84.74	01-JAN-00:30	847.36	01-JAN-18:30
InteriorLights:Electricity:Zone:LUXURYAPARTMENT:LIVINGNORTH	1739.74	52.96	01-JAN-00:30	529.60	01-JAN-18:30
ELECTRIC EQUIPMENT#LuxuryApartment:LivingNorth#GeneralLights:InteriorLights:Electricity	1739.74	52.96	01-JAN-00:30	529.60	01-JAN-18:30
Electricity:Zone:LUXURYAPARTMENT:BATHROOM1	152.36	4.64	01-JAN-00:30	46.38	01-JAN-18:30
InteriorLights:Electricity:Zone:LUXURYAPARTMENT:BATHROOM1	95.23	2.90	01-JAN-00:30	28.99	01-JAN-18:30
ELECTRIC EQUIPMENT#LuxuryApartment:Bathroom1#GeneralLights:InteriorLights:Electricity	95.23	2.90	01-JAN-00:30	28.99	01-JAN-18:30
Electricity:Zone:LUXURYAPARTMENT:BATHROOM	348.85	10.62	01-JAN-00:30	106.19	01-JAN-18:30
InteriorLights:Electricity:Zone:LUXURYAPARTMENT:BATHROOM	218.03	6.64	01-JAN-00:30	66.37	01-JAN-18:30
ELECTRIC EQUIPMENT#LuxuryApartment:Bathroom#GeneralLights:InteriorLights:Electricity	218.03	6.64	01-JAN-00:30	66.37	01-JAN-18:30
Electricity:Zone:LUXURYAPARTMENT:BEDROOMSOUTH	741.71	22.58	01-JAN-00:30	225.79	01-JAN-18:30
InteriorLights:Electricity:Zone:LUXURYAPARTMENT:BEDROOMSOUTH	463.57	14.11	01-JAN-00:30	141.12	01-JAN-18:30
ELECTRIC EQUIPMENT#LuxuryApartment:BedroomSouth#GeneralLights:InteriorLights:Electricity	463.57	14.11	01-JAN-00:30	141.12	01-JAN-18:30
Electricity:Zone:PH1LIVINGLEVEL:BEDROOMSOUTH	699.77	21.30	01-JAN-00:30	213.02	01-JAN-18:30
InteriorLights:Electricity:Zone:PH1LIVINGLEVEL:BEDROOMSOUTH	437.36	13.31	01-JAN-00:30	133.14	01-JAN-18:30
ELECTRIC EQUIPMENT#PH1LivingLevel:BedroomSouth#GeneralLights:InteriorLights:Electricity	437.36	13.31	01-JAN-00:30	133.14	01-JAN-18:30
Electricity:Zone:PH1LIVINGLEVEL:LIVINGNORTH	3082.50	93.84	01-JAN-00:30	938.36	01-JAN-18:30
InteriorLights:Electricity:Zone:PH1LIVINGLEVEL:LIVINGNORTH	1926.56	58.65	01-JAN-00:30	586.47	01-JAN-18:30
ELECTRIC EQUIPMENT#PH1LivingLevel:LivingNorth#GeneralLights:InteriorLights:Electricity	1926.56	58.65	01-JAN-00:30	586.47	01-JAN-18:30
Electricity:Zone:PH1LIVINGLEVEL:STORAGE	308.48	9.39	01-JAN-00:30	93.91	01-JAN-18:30
InteriorLights:Electricity:Zone:PH1LIVINGLEVEL:STORAGE	192.80	5.87	01-JAN-00:30	58.69	01-JAN-18:30
ELECTRIC EQUIPMENT#PH1LivingLevel:Storage#GeneralLights:InteriorLights:Electricity	192.80	5.87	01-JAN-00:30	58.69	01-JAN-18:30
Electricity:Zone:PH1LIVINGLEVEL:BATHROOM	305.57	9.30	01-JAN-00:30	93.02	01-JAN-18:30
InteriorLights:Electricity:Zone:PH1LIVINGLEVEL:BATHROOM	190.98	5.81	01-JAN-00:30	58.14	01-JAN-18:30
ELECTRIC EQUIPMENT#PH1LivingLevel:Bathroom#GeneralLights:InteriorLights:Electricity	190.98	5.81	01-JAN-00:30	58.14	01-JAN-18:30
Electricity:Zone:PH1BEDROOMLEVEL:BEDROOM	2507.16	76.32	01-JAN-00:30	763.21	01-JAN-18:30
InteriorLights:Electricity:Zone:PH1BEDROOMLEVEL:BEDROOM	1566.98	47.70	01-JAN-00:30	477.01	01-JAN-18:30
ELECTRIC EQUIPMENT#PH1BedroomLevel:Bedroom#GeneralLights:InteriorLights:Electricity	1566.98	47.70	01-JAN-00:30	477.01	01-JAN-18:30
Electricity:Zone:PH1BEDROOMLEVEL:STUDY	649.57	19.77	01-JAN-00:30	197.74	01-JAN-18:30
InteriorLights:Electricity:Zone:PH1BEDROOMLEVEL:STUDY	405.98	12.36	01-JAN-00:30	123.59	01-JAN-18:30
ELECTRIC EQUIPMENT#PH1BedroomLevel:Study#GeneralLights:InteriorLights:Electricity	405.98	12.36	01-JAN-00:30	123.59	01-JAN-18:30
Electricity:Zone:PH1BEDROOMLEVEL:VOID	2.12	0.06	01-JAN-00:30	0.65	01-JAN-18:30
InteriorLights:Electricity:Zone:PH1BEDROOMLEVEL:VOID	2.12	0.06	01-JAN-00:30	0.65	01-JAN-18:30
ELECTRIC EQUIPMENT#PH1BedroomLevel:Void#GeneralLights:InteriorLights:Electricity	2.12	0.06	01-JAN-00:30	0.65	01-JAN-18:30
Electricity:Zone:GARAGE1:ZONE1	1382.83	42.10	01-JAN-00:30	420.95	01-JAN-18:30
InteriorLights:Electricity:Zone:GARAGE1:ZONE1	1382.83	42.10	01-JAN-00:30	420.95	01-JAN-18:30
ELECTRIC EQUIPMENT#Garage1:Zone1#GeneralLights:InteriorLights:Electricity	1382.83	42.10	01-JAN-00:30	420.95	01-JAN-18:30
Electricity:Zone:GARAGE2:ZONE1	1271.95	38.72	01-JAN-00:30	387.20	01-JAN-18:30
InteriorLights:Electricity:Zone:GARAGE2:ZONE1	1271.95	38.72	01-JAN-00:30	387.20	01-JAN-18:30
ELECTRIC EQUIPMENT#Garage2:Zone1#GeneralLights:InteriorLights:Electricity	1271.95	38.72	01-JAN-00:30	387.20	01-JAN-18:30
Electricity:Zone:STAIRS1:ZONE1	264.81	8.06	01-JAN-00:30	80.61	01-JAN-18:30
InteriorLights:Electricity:Zone:STAIRS1:ZONE1	264.81	8.06	01-JAN-00:30	80.61	01-JAN-18:30
ELECTRIC EQUIPMENT#Stairs1:Zone1#GeneralLights:InteriorLights:Electricity	264.81	8.06	01-JAN-00:30	80.61	01-JAN-18:30
Electricity:Zone:STAIRS2:ZONE1	264.81	8.06	01-JAN-00:30	80.61	01-JAN-18:30

InteriorLights:Electricity:Zone:STAIRS2:ZONE1	264.81	8.06	01-JAN-00:30	80.61	01-JAN-18:30
ELECTRIC EQUIPMENT#Stairs2:Zone1#GeneralLights:InteriorLights:Electricity	264.81	8.06	01-JAN-00:30	80.61	01-JAN-18:30
InteriorEquipment:Electricity	13134.30	399.83	01-JAN-00:30	3998.26	01-JAN-18:30
InteriorEquipment:Electricity:Zone:STUDIOCORNERSOUTH:LIVING	566.96	17.26	01-JAN-00:30	172.59	01-JAN-18:30
ELECTRIC EQUIPMENT#StudioCornerSouth:Living#02:InteriorEquipment:Electricity	566.96	17.26	01-JAN-00:30	172.59	01-JAN-18:30
InteriorEquipment:Electricity:Zone:STUDIOCORNERSOUTH:BEDROOM	297.28	9.05	01-JAN-00:30	90.50	01-JAN-18:30
ELECTRIC EQUIPMENT#StudioCornerSouth:Bedroom#02:InteriorEquipment:Electricity	297.28	9.05	01-JAN-00:30	90.50	01-JAN-18:30
InteriorEquipment:Electricity:Zone:STUDIOCORNERSOUTH:BATHROOM	134.19	4.08	01-JAN-00:30	40.85	01-JAN-18:30
ELECTRIC EQUIPMENT#StudioCornerSouth:Bathroom#02:InteriorEquipment:Electricity	134.19	4.08	01-JAN-00:30	40.85	01-JAN-18:30
InteriorEquipment:Electricity:Zone:STUDIOSOUTH:BEDROOM	297.45	9.05	01-JAN-00:30	90.55	01-JAN-18:30
ELECTRIC EQUIPMENT#StudioSouth:Bedroom#02:InteriorEquipment:Electricity	297.45	9.05	01-JAN-00:30	90.55	01-JAN-18:30
InteriorEquipment:Electricity:Zone:STUDIOSOUTH:LIVING	566.70	17.25	01-JAN-00:30	172.51	01-JAN-18:30
ELECTRIC EQUIPMENT#StudioSouth:Living#02:InteriorEquipment:Electricity	566.70	17.25	01-JAN-00:30	172.51	01-JAN-18:30
InteriorEquipment:Electricity:Zone:STUDIOSOUTH:BATHROOM	134.27	4.09	01-JAN-00:30	40.87	01-JAN-18:30
ELECTRIC EQUIPMENT#StudioSouth:Bathroom#02:InteriorEquipment:Electricity	134.27	4.09	01-JAN-00:30	40.87	01-JAN-18:30
InteriorEquipment:Electricity:Zone:VILLALIVINGFLOOR:MEDIASOUTH	273.60	8.33	01-JAN-00:30	83.29	01-JAN-18:30
ELECTRIC EQUIPMENT#VillaLivingFloor:MediaSouth#02:InteriorEquipment:Electricity	273.60	8.33	01-JAN-00:30	83.29	01-JAN-18:30
InteriorEquipment:Electricity:Zone:VILLALIVINGFLOOR:BATHROOM	95.51	2.91	01-JAN-00:30	29.07	01-JAN-18:30
ELECTRIC EQUIPMENT#VillaLivingFloor:Bathroom#02:InteriorEquipment:Electricity	95.51	2.91	01-JAN-00:30	29.07	01-JAN-18:30
InteriorEquipment:Electricity:Zone:VILLALIVINGFLOOR:LIVINGNORTH	1346.04	40.98	01-JAN-00:30	409.75	01-JAN-18:30
ELECTRIC EQUIPMENT#VillaLivingFloor:LivingNorth#02:InteriorEquipment:Electricity	1346.04	40.98	01-JAN-00:30	409.75	01-JAN-18:30
InteriorEquipment:Electricity:Zone:VILLABEDROOMFLOOR:BEDROOMSOUTH	367.08	11.17	01-JAN-00:30	111.75	01-JAN-18:30
ELECTRIC EQUIPMENT#VillaBedroomFloor:BedroomSouth#02:InteriorEquipment:Electricity	367.08	11.17	01-JAN-00:30	111.75	01-JAN-18:30
InteriorEquipment:Electricity:Zone:VILLABEDROOMFLOOR:BATHROOM	103.77	3.16	01-JAN-00:30	31.59	01-JAN-18:30
ELECTRIC EQUIPMENT#VillaBedroomFloor:Bathroom#02:InteriorEquipment:Electricity	103.77	3.16	01-JAN-00:30	31.59	01-JAN-18:30
InteriorEquipment:Electricity:Zone:VILLABEDROOMFLOOR:HALL	142.28	4.33	01-JAN-00:30	43.31	01-JAN-18:30
ELECTRIC EQUIPMENT#VillaBedroomFloor:Hall#02:InteriorEquipment:Electricity	142.28	4.33	01-JAN-00:30	43.31	01-JAN-18:30
InteriorEquipment:Electricity:Zone:VILLABEDROOMFLOOR:BEDROOMNORTH	506.29	15.41	01-JAN-00:30	154.12	01-JAN-18:30
ELECTRIC EQUIPMENT#VillaBedroomFloor:BedroomNorth#02:InteriorEquipment:Electricity	506.29	15.41	01-JAN-00:30	154.12	01-JAN-18:30
InteriorEquipment:Electricity:Zone:VILLABEDROOMFLOOR:WIC	151.07	4.60	01-JAN-00:30	45.99	01-JAN-18:30
ELECTRIC EQUIPMENT#VillaBedroomFloor:WIC#02:InteriorEquipment:Electricity	151.07	4.60	01-JAN-00:30	45.99	01-JAN-18:30
InteriorEquipment:Electricity:Zone:VILLABEDROOMFLOOR:MEDIANORTH	213.04	6.49	01-JAN-00:30	64.85	01-JAN-18:30
ELECTRIC EQUIPMENT#VillaBedroomFloor:MediaNorth#02:InteriorEquipment:Electricity	213.04	6.49	01-JAN-00:30	64.85	01-JAN-18:30
InteriorEquipment:Electricity:Zone:RESORTROOM:BATHROOM1	118.11	3.60	01-JAN-00:30	35.95	01-JAN-18:30
ELECTRIC EQUIPMENT#ResortRoom:Bedroom1#02:InteriorEquipment:Electricity	118.11	3.60	01-JAN-00:30	35.95	01-JAN-18:30
InteriorEquipment:Electricity:Zone:RESORTROOM:BEDROOMSOUTH	380.09	11.57	01-JAN-00:30	115.70	01-JAN-18:30
ELECTRIC EQUIPMENT#ResortRoom:BedroomSouth#02:InteriorEquipment:Electricity	380.09	11.57	01-JAN-00:30	115.70	01-JAN-18:30
InteriorEquipment:Electricity:Zone:RESORTROOM:HALL	150.63	4.59	01-JAN-00:30	45.85	01-JAN-18:30
ELECTRIC EQUIPMENT#ResortRoom:Hall#02:InteriorEquipment:Electricity	150.63	4.59	01-JAN-00:30	45.85	01-JAN-18:30
InteriorEquipment:Electricity:Zone:RESORTROOM:LIVINGNORTH	614.53	18.71	01-JAN-00:30	187.07	01-JAN-18:30
ELECTRIC EQUIPMENT#ResortRoom:LivingNorth#02:InteriorEquipment:Electricity	614.53	18.71	01-JAN-00:30	187.07	01-JAN-18:30
InteriorEquipment:Electricity:Zone:RESORTROOM:BATHROOM	136.20	4.15	01-JAN-00:30	41.46	01-JAN-18:30
ELECTRIC EQUIPMENT#ResortRoom:Bathroom#02:InteriorEquipment:Electricity	136.20	4.15	01-JAN-00:30	41.46	01-JAN-18:30
InteriorEquipment:Electricity:Zone:RESORTROOM:BEDROOMNORTH	249.06	7.58	01-JAN-00:30	75.82	01-JAN-18:30
ELECTRIC EQUIPMENT#ResortRoom:BedroomNorth#02:InteriorEquipment:Electricity	249.06	7.58	01-JAN-00:30	75.82	01-JAN-18:30
InteriorEquipment:Electricity:Zone:LUXURYAPARTMENT:STORAGE	138.68	4.22	01-JAN-00:30	42.22	01-JAN-18:30
ELECTRIC EQUIPMENT#LuxuryApartment:Storage#02:InteriorEquipment:Electricity	138.68	4.22	01-JAN-00:30	42.22	01-JAN-18:30
InteriorEquipment:Electricity:Zone:LUXURYAPARTMENT:LIVINGNORTH	1043.85	31.78	01-JAN-00:30	317.76	01-JAN-18:30
ELECTRIC EQUIPMENT#LuxuryApartment:LivingNorth#02:InteriorEquipment:Electricity	1043.85	31.78	01-JAN-00:30	317.76	01-JAN-18:30
InteriorEquipment:Electricity:Zone:LUXURYAPARTMENT:BATHROOM1	57.14	1.74	01-JAN-00:30	17.39	01-JAN-18:30
ELECTRIC EQUIPMENT#LuxuryApartment:Bedroom1#02:InteriorEquipment:Electricity	57.14	1.74	01-JAN-00:30	17.39	01-JAN-18:30
InteriorEquipment:Electricity:Zone:LUXURYAPARTMENT:BATHROOM	130.82	3.98	01-JAN-00:30	39.82	01-JAN-18:30
ELECTRIC EQUIPMENT#LuxuryApartment:Bathroom#02:InteriorEquipment:Electricity	130.82	3.98	01-JAN-00:30	39.82	01-JAN-18:30
InteriorEquipment:Electricity:Zone:LUXURYAPARTMENT:BEDROOMSOUTH	278.14	8.47	01-JAN-00:30	84.67	01-JAN-18:30
ELECTRIC EQUIPMENT#LuxuryApartment:BedroomSouth#02:InteriorEquipment:Electricity	278.14	8.47	01-JAN-00:30	84.67	01-JAN-18:30
InteriorEquipment:Electricity:Zone:PH1LIVINGLEVEL:BEDROOMSOUTH	262.41	7.99	01-JAN-00:30	79.88	01-JAN-18:30
ELECTRIC EQUIPMENT#PH1LivingLevel:BedroomSouth#02:InteriorEquipment:Electricity	262.41	7.99	01-JAN-00:30	79.88	01-JAN-18:30
InteriorEquipment:Electricity:Zone:PH1LIVINGLEVEL:LIVINGNORTH	1155.94	35.19	01-JAN-00:30	351.88	01-JAN-18:30
ELECTRIC EQUIPMENT#PH1LivingLevel:LivingNorth#02:InteriorEquipment:Electricity	1155.94	35.19	01-JAN-00:30	351.88	01-JAN-18:30
InteriorEquipment:Electricity:Zone:PH1LIVINGLEVEL:STORAGE	115.68	3.52	01-JAN-00:30	35.21	01-JAN-18:30
ELECTRIC EQUIPMENT#PH1LivingLevel:Storage#02:InteriorEquipment:Electricity	115.68	3.52	01-JAN-00:30	35.21	01-JAN-18:30
InteriorEquipment:Electricity:Zone:PH1LIVINGLEVEL:BATHROOM	114.59	3.49	01-JAN-00:30	34.88	01-JAN-18:30
ELECTRIC EQUIPMENT#PH1LivingLevel:Bathroom#02:InteriorEquipment:Electricity	114.59	3.49	01-JAN-00:30	34.88	01-JAN-18:30

InteriorEquipment:Electricity:Zone:PH1BEDROOMLEVEL:BEDROOM	940.19	28.62	01-JAN-00:30	286.21	01-JAN-18:30
ELECTRIC EQUIPMENT#PH1BedroomLevel:Bedroom#02:InteriorEquipment:Electricity	940.19	28.62	01-JAN-00:30	286.21	01-JAN-18:30
InteriorEquipment:Electricity:Zone:PH1BEDROOMLEVEL:STUDY	243.59	7.42	01-JAN-00:30	74.15	01-JAN-18:30
ELECTRIC EQUIPMENT#PH1BedroomLevel:Study#02:InteriorEquipment:Electricity	243.59	7.42	01-JAN-00:30	74.15	01-JAN-18:30
Electricity:Zone:PH1ROOF:ZONE1	1809.11	55.07	01-JAN-00:30	550.72	01-JAN-18:30
InteriorEquipment:Electricity:Zone:PH1ROOF:ZONE1	1809.11	55.07	01-JAN-00:30	550.72	01-JAN-18:30
ELECTRIC EQUIPMENT#PH1Roof:Zone1#02:InteriorEquipment:Electricity	1809.11	55.07	01-JAN-00:30	550.72	01-JAN-18:30
ElectricityPurchased:Facility	35196.14	1071.42	01-JAN-00:30	10714.19	01-JAN-18:30
ElectricityPurchased:Plant	35196.14	1071.42	01-JAN-00:30	10714.19	01-JAN-18:30
Cogeneration:ElectricityPurchased	35196.14	1071.42	01-JAN-00:30	10714.19	01-JAN-18:30
ElectricitySurplusSold:Facility	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
ElectricitySurplusSold:Plant	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Cogeneration:ElectricitySurplusSold	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
ElectricityNet:Facility	35196.14	1071.42	01-JAN-00:30	10714.19	01-JAN-18:30
ElectricityNet:Plant	35196.14	1071.42	01-JAN-00:30	10714.19	01-JAN-18:30
Cogeneration:ElectricityNet	35196.14	1071.42	01-JAN-00:30	10714.19	01-JAN-18:30

**Annual and Peak Values - Gas**

	Gas Annual Value [kWh]	Gas Minimum Value [W]	Timestamp of Minimum {TIMESTAMP}	Gas Maximum Value [W]	Timestamp of Maximum {TIMESTAMP}
None					

**Annual and Peak Values - Cooling**

	Cooling Annual Value [kWh]	Cooling Minimum Value [W]	Timestamp of Minimum {TIMESTAMP}	Cooling Maximum Value [W]	Timestamp of Maximum {TIMESTAMP}
DistrictCooling:Facility	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
DistrictCooling:HVAC	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Cooling:DistrictCooling	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30

**Annual and Peak Values - Water**

	Annual Value [m3]	Minimum Value [m3/s]	Timestamp of Minimum {TIMESTAMP}	Maximum Value [m3/s]	Timestamp of Maximum {TIMESTAMP}
None					

**Annual and Peak Values - Other by Weight/Mass**

	Annual Value [kg]	Minimum Value [kg/s]	Timestamp of Minimum {TIMESTAMP}	Maximum Value [kg/s]	Timestamp of Maximum {TIMESTAMP}
Carbon Equivalent:Facility	0.00	0.000	01-JAN-00:30	0.000	01-JAN-00:30
CarbonEquivalentEmissions:Carbon Equivalent	0.00	0.000	01-JAN-00:30	0.000	01-JAN-00:30

**Annual and Peak Values - Other Volumetric**

	Annual Value [m3]	Minimum Value [m3/s]	Timestamp of Minimum {TIMESTAMP}	Maximum Value [m3/s]	Timestamp of Maximum {TIMESTAMP}
None					

**Annual and Peak Values - Other Liquid/Gas**

	Annual Value [L]	Minimum Value [L]	Timestamp of Minimum {TIMESTAMP}	Maximum Value [L]	Timestamp of Maximum {TIMESTAMP}
None					

**Annual and Peak Values - Other**

	Annual Value [kWh]	Minimum Value [W]	Timestamp of Minimum {TIMESTAMP}	Maximum Value [W]	Timestamp of Maximum {TIMESTAMP}
EnergyTransfer:Facility	22007.15	166.36	30-NOV-10:00	6821.88	15-JUL-09:30
EnergyTransfer:Building	22007.15	166.36	30-NOV-10:00	6821.88	15-JUL-09:30
EnergyTransfer:Zone:STUDIOCORNERSOUTH:LIVING	1043.30	0.24	14-JUL-21:30	282.23	15-JUL-09:30
Heating:Energy Transfer	4039.76	0.00	01-JAN-00:30	6821.88	15-JUL-09:30
Heating:Energy Transfer:Zone:STUDIOCORNERSOUTH:LIVING	56.95	0.00	01-JAN-00:30	282.23	15-JUL-09:30
Cooling:Energy Transfer	17967.40	0.00	12-JUN-08:30	4213.78	15-APR-23:00
Cooling:Energy Transfer:Zone:STUDIOCORNERSOUTH:LIVING	986.35	0.00	03-APR-06:30	264.02	03-JUL-22:00
EnergyTransfer:Zone:STUDIOCORNERSOUTH:BEDROOM	581.32	0.04	12-JUN-12:00	147.37	03-JUL-22:00
Heating:Energy Transfer:Zone:STUDIOCORNERSOUTH:BEDROOM	20.95	0.00	01-JAN-00:30	144.99	15-JUL-09:30
Cooling:Energy Transfer:Zone:STUDIOCORNERSOUTH:BEDROOM	560.37	0.00	03-APR-06:30	147.37	03-JUL-22:00
EnergyTransfer:Zone:STUDIOCORNERSOUTH:BATHROOM	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Heating:Energy Transfer:Zone:STUDIOCORNERSOUTH:BATHROOM	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30



Cooling:EnergyTransfer:Zone:STUDIOCORNERSOUTH:BATHROOM	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
EnergyTransfer:Zone:STUDIOSOUTH:BEDROOM	587.38	0.15	15-JUL-19:30	148.45	03-JUL-22:00
Heating:EnergyTransfer:Zone:STUDIOSOUTH:BEDROOM	15.63	0.00	01-JAN-00:30	132.25	15-JUL-09:30
Cooling:EnergyTransfer:Zone:STUDIOSOUTH:BEDROOM	571.75	0.00	09-MAY-04:30	148.45	03-JUL-22:00
EnergyTransfer:Zone:STUDIOSOUTH:LIVING	1077.85	0.09	08-JUN-04:30	274.50	03-JUL-22:00
Heating:EnergyTransfer:Zone:STUDIOSOUTH:LIVING	25.16	0.00	01-JAN-00:30	217.52	15-JUL-09:30
Cooling:EnergyTransfer:Zone:STUDIOSOUTH:LIVING	1052.69	0.00	09-MAY-06:30	274.50	03-JUL-22:00
EnergyTransfer:Zone:STUDIOSOUTH:BATHROOM	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Heating:EnergyTransfer:Zone:STUDIOSOUTH:BATHROOM	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Cooling:EnergyTransfer:Zone:STUDIOSOUTH:BATHROOM	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
EnergyTransfer:Zone:VILLALIVINGFLOOR:MEDIASOUTH	603.36	0.05	23-JUL-21:00	296.74	18-JUL-06:00
Heating:EnergyTransfer:Zone:VILLALIVINGFLOOR:MEDIASOUTH	261.27	0.00	01-JAN-00:30	296.74	18-JUL-06:00
Cooling:EnergyTransfer:Zone:VILLALIVINGFLOOR:MEDIASOUTH	342.09	0.00	03-APR-02:30	104.52	04-JAN-05:30
EnergyTransfer:Zone:VILLALIVINGFLOOR:BATHROOM	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Heating:EnergyTransfer:Zone:VILLALIVINGFLOOR:BATHROOM	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Cooling:EnergyTransfer:Zone:VILLALIVINGFLOOR:BATHROOM	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
EnergyTransfer:Zone:VILLALIVINGFLOOR:LIVINGNORTH	2505.09	0.12	24-JUL-10:00	629.81	15-JUL-09:30
Heating:EnergyTransfer:Zone:VILLALIVINGFLOOR:LIVINGNORTH	150.11	0.00	01-JAN-00:30	629.81	15-JUL-09:30
Cooling:EnergyTransfer:Zone:VILLALIVINGFLOOR:LIVINGNORTH	2354.98	0.00	09-MAY-01:30	597.19	03-JUL-22:00
EnergyTransfer:Zone:VILLABEDROOMFLOOR:BEDROOMSOUTH	1235.53	0.13	22-JUN-15:00	800.18	09-JUN-08:00
Heating:EnergyTransfer:Zone:VILLABEDROOMFLOOR:BEDROOMSOUTH	850.59	0.00	01-JAN-00:30	800.18	09-JUN-08:00
Cooling:EnergyTransfer:Zone:VILLABEDROOMFLOOR:BEDROOMSOUTH	384.94	0.00	01-APR-00:30	129.38	10-MAR-21:00
EnergyTransfer:Zone:VILLABEDROOMFLOOR:BATHROOM	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Heating:EnergyTransfer:Zone:VILLABEDROOMFLOOR:BATHROOM	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Cooling:EnergyTransfer:Zone:VILLABEDROOMFLOOR:BATHROOM	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
EnergyTransfer:Zone:VILLABEDROOMFLOOR:HALL	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Heating:EnergyTransfer:Zone:VILLABEDROOMFLOOR:HALL	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Cooling:EnergyTransfer:Zone:VILLABEDROOMFLOOR:HALL	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
EnergyTransfer:Zone:VILLABEDROOMFLOOR:BEDROOMNORTH	1375.86	0.28	01-APR-08:00	845.06	09-JUN-08:00
Heating:EnergyTransfer:Zone:VILLABEDROOMFLOOR:BEDROOMNORTH	641.22	0.00	01-JAN-00:30	845.06	09-JUN-08:00
Cooling:EnergyTransfer:Zone:VILLABEDROOMFLOOR:BEDROOMNORTH	734.63	0.00	01-APR-01:30	213.06	03-JUL-20:00
EnergyTransfer:Zone:VILLABEDROOMFLOOR:WIC	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Heating:EnergyTransfer:Zone:VILLABEDROOMFLOOR:WIC	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Cooling:EnergyTransfer:Zone:VILLABEDROOMFLOOR:WIC	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
EnergyTransfer:Zone:VILLABEDROOMFLOOR:MEDIANORTH	576.96	0.02	16-SEP-09:30	364.34	09-JUN-08:00
Heating:EnergyTransfer:Zone:VILLABEDROOMFLOOR:MEDIANORTH	234.00	0.00	01-JAN-00:30	364.34	09-JUN-08:00
Cooling:EnergyTransfer:Zone:VILLABEDROOMFLOOR:MEDIANORTH	342.96	0.00	01-APR-06:30	107.65	03-JUN-15:00
EnergyTransfer:Zone:VILLABEDROOMFLOOR:BARHROOM	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Heating:EnergyTransfer:Zone:VILLABEDROOMFLOOR:BARHROOM	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Cooling:EnergyTransfer:Zone:VILLABEDROOMFLOOR:BARHROOM	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
EnergyTransfer:Zone:VILLAROOOF:ZONE1	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Heating:EnergyTransfer:Zone:VILLAROOOF:ZONE1	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Cooling:EnergyTransfer:Zone:VILLAROOOF:ZONE1	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
EnergyTransfer:Zone:RESORTROOM:BATHROOM1	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Heating:EnergyTransfer:Zone:RESORTROOM:BATHROOM1	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Cooling:EnergyTransfer:Zone:RESORTROOM:BATHROOM1	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
EnergyTransfer:Zone:RESORTROOM:BEDROOMSOUTH	687.19	0.01	18-AUG-09:00	199.04	15-JUL-09:30
Heating:EnergyTransfer:Zone:RESORTROOM:BEDROOMSOUTH	66.24	0.00	01-JAN-00:30	199.04	15-JUL-09:30
Cooling:EnergyTransfer:Zone:RESORTROOM:BEDROOMSOUTH	620.95	0.00	09-MAY-05:00	160.36	04-JAN-05:00
EnergyTransfer:Zone:RESORTROOM:HALL	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Heating:EnergyTransfer:Zone:RESORTROOM:HALL	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Cooling:EnergyTransfer:Zone:RESORTROOM:HALL	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
EnergyTransfer:Zone:RESORTROOM:LIVINGNORTH	1330.29	0.23	12-SEP-03:30	303.99	03-JUL-22:00
Heating:EnergyTransfer:Zone:RESORTROOM:LIVINGNORTH	11.15	0.00	01-JAN-00:30	175.54	15-JUL-09:30
Cooling:EnergyTransfer:Zone:RESORTROOM:LIVINGNORTH	1319.14	0.00	17-MAY-07:00	303.99	03-JUL-22:00
EnergyTransfer:Zone:RESORTROOM:BATHROOM	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Heating:EnergyTransfer:Zone:RESORTROOM:BATHROOM	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Cooling:EnergyTransfer:Zone:RESORTROOM:BATHROOM	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
EnergyTransfer:Zone:RESORTROOM:BEDROOMNORTH	530.36	0.01	25-JUL-05:00	141.29	15-JUL-09:30
Heating:EnergyTransfer:Zone:RESORTROOM:BEDROOMNORTH	18.39	0.00	01-JAN-00:30	141.29	15-JUL-09:30
Cooling:EnergyTransfer:Zone:RESORTROOM:BEDROOMNORTH	511.97	0.00	09-MAY-05:30	122.64	03-JUL-22:00
EnergyTransfer:Zone:LUXURYAPARTMENT:STORAGE	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Heating:EnergyTransfer:Zone:LUXURYAPARTMENT:STORAGE	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Cooling:EnergyTransfer:Zone:LUXURYAPARTMENT:STORAGE	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30

	2495.32	0.30	26-JUL-05:30	540.09	03-JUL-22:00
Heating:EnergyTransfer:Zone:LUXURYAPARTMENT:LIVINGNORTH	14.90	0.00	01-JAN-00:30	279.45	15-JUL-09:30
Cooling:EnergyTransfer:Zone:LUXURYAPARTMENT:LIVINGNORTH	2480.43	0.00	12-JUN-08:30	540.09	03-JUL-22:00
EnergyTransfer:Zone:LUXURYAPARTMENT:BATHROOM1	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Heating:EnergyTransfer:Zone:LUXURYAPARTMENT:BATHROOM1	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Cooling:EnergyTransfer:Zone:LUXURYAPARTMENT:BATHROOM1	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
EnergyTransfer:Zone:LUXURYAPARTMENT:BATHROOM	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Heating:EnergyTransfer:Zone:LUXURYAPARTMENT:BATHROOM	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Cooling:EnergyTransfer:Zone:LUXURYAPARTMENT:BATHROOM	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
EnergyTransfer:Zone:LUXURYAPARTMENT:BEDROOMSOUTH	613.43	0.00	21-JUL-04:00	284.77	18-JUL-06:00
Heating:EnergyTransfer:Zone:LUXURYAPARTMENT:BEDROOMSOUTH	170.23	0.00	01-JAN-00:30	284.77	18-JUL-06:00
Cooling:EnergyTransfer:Zone:LUXURYAPARTMENT:BEDROOMSOUTH	443.20	0.00	03-APR-05:30	117.38	04-JAN-06:00
EnergyTransfer:Zone:PH1LIVINGLEVEL:BEDROOMSOUTH	639.41	0.06	30-MAY-09:00	316.80	09-JUN-08:00
Heating:EnergyTransfer:Zone:PH1LIVINGLEVEL:BEDROOMSOUTH	196.50	0.00	01-JAN-00:30	316.80	09-JUN-08:00
Cooling:EnergyTransfer:Zone:PH1LIVINGLEVEL:BEDROOMSOUTH	442.91	0.00	03-APR-03:00	109.46	01-JAN-03:00
EnergyTransfer:Zone:PH1LIVINGLEVEL:LIVINGNORTH	2821.78	0.03	26-JUL-10:30	702.58	28-JUL-15:00
Heating:EnergyTransfer:Zone:PH1LIVINGLEVEL:LIVINGNORTH	58.90	0.00	01-JAN-00:30	434.30	15-JUL-09:30
Cooling:EnergyTransfer:Zone:PH1LIVINGLEVEL:LIVINGNORTH	2762.89	0.00	09-MAY-02:30	702.58	28-JUL-15:00
EnergyTransfer:Zone:PH1LIVINGLEVEL:STORAGE	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Heating:EnergyTransfer:Zone:PH1LIVINGLEVEL:STORAGE	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Cooling:EnergyTransfer:Zone:PH1LIVINGLEVEL:STORAGE	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
EnergyTransfer:Zone:PH1LIVINGLEVEL:BATHROOM	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Heating:EnergyTransfer:Zone:PH1LIVINGLEVEL:BATHROOM	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Cooling:EnergyTransfer:Zone:PH1LIVINGLEVEL:BATHROOM	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
EnergyTransfer:Zone:PH1BEDROOMLEVEL:BEDROOM	1981.60	0.17	16-JUN-11:30	677.78	28-JUL-08:30
Heating:EnergyTransfer:Zone:PH1BEDROOMLEVEL:BEDROOM	277.71	0.00	01-JAN-00:30	677.78	28-JUL-08:30
Cooling:EnergyTransfer:Zone:PH1BEDROOMLEVEL:BEDROOM	1703.89	0.00	03-APR-04:00	440.25	15-APR-23:00
EnergyTransfer:Zone:PH1BEDROOMLEVEL:EMPTY	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Heating:EnergyTransfer:Zone:PH1BEDROOMLEVEL:EMPTY	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Cooling:EnergyTransfer:Zone:PH1BEDROOMLEVEL:EMPTY	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
EnergyTransfer:Zone:PH1BEDROOMLEVEL:STUDY	764.73	0.16	03-SEP-21:30	521.72	09-JUN-08:00
Heating:EnergyTransfer:Zone:PH1BEDROOMLEVEL:STUDY	416.09	0.00	01-JAN-00:30	521.72	09-JUN-08:00
Cooling:EnergyTransfer:Zone:PH1BEDROOMLEVEL:STUDY	348.64	0.00	01-APR-05:00	98.72	15-APR-23:00
EnergyTransfer:Zone:PH1BEDROOMLEVEL:VOID	556.38	0.00	15-JUN-11:30	842.59	09-JUN-08:00
Heating:EnergyTransfer:Zone:PH1BEDROOMLEVEL:VOID	553.75	0.00	01-JAN-00:30	842.59	09-JUN-08:00
Cooling:EnergyTransfer:Zone:PH1BEDROOMLEVEL:VOID	2.62	0.00	01-APR-06:30	0.82	28-JUL-14:30
EnergyTransfer:Zone:GARAGE1:ZONE1	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Heating:EnergyTransfer:Zone:GARAGE1:ZONE1	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Cooling:EnergyTransfer:Zone:GARAGE1:ZONE1	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
EnergyTransfer:Zone:GARAGE2:ZONE1	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Heating:EnergyTransfer:Zone:GARAGE2:ZONE1	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Cooling:EnergyTransfer:Zone:GARAGE2:ZONE1	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
EnergyTransfer:Zone:PH1ROOF:ZONE1	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Heating:EnergyTransfer:Zone:PH1ROOF:ZONE1	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Cooling:EnergyTransfer:Zone:PH1ROOF:ZONE1	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
EnergyTransfer:Zone:STAIRS1:ZONE1	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Heating:EnergyTransfer:Zone:STAIRS1:ZONE1	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Cooling:EnergyTransfer:Zone:STAIRS1:ZONE1	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
EnergyTransfer:Zone:STAIRS2:ZONE1	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Heating:EnergyTransfer:Zone:STAIRS2:ZONE1	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
Cooling:EnergyTransfer:Zone:STAIRS2:ZONE1	0.00	0.00	01-JAN-00:30	0.00	01-JAN-00:30
DistrictHeating:Facility	4516.72	0.00	01-JAN-00:30	7324.94	15-JUL-09:30
DistrictHeating:HVAC	4516.72	0.00	01-JAN-00:30	7324.94	15-JUL-09:30
Heating:DistrictHeating	4516.72	0.00	01-JAN-00:30	7324.94	15-JUL-09:30

Report: **Sensible Heat Gain Summary**

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For: **Entire Facility**

Timestamp: **2018-06-10 00:35:52**

**Annual Building Sensible Heat Gain Components**

	HVAC Zone Eq & Other	HVAC Zone Eq & Other	HVAC Terminal Unit	HVAC Terminal Unit	HVAC Input	HVAC Input	People Sensible	Lights Sensible	Equipment Sensible	Window	Interzone Air	Infiltration	Opaque Surface Conduction	Equipm Sensi
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	Sensible Air Heating [kWh]	Sensible Air Cooling [kWh]	Sensible Air Heating [kWh]	Sensible Air Cooling [kWh]	Heated Surface Heating [kWh]	Cooled Surface Cooling [kWh]	Heat Addition [kWh]	Heat Addition [kWh]	Heat Addition [kWh]	Heat Addition [kWh]	Transfer Heat Addition [kWh]	Heat Addition [kWh]	and Other Heat Addition [kWh]	H Remc [kW]
STUDIOCORNERSOUTH:LIVING	56.944	-986.35	0.000	0.000	0.000	0.000	220.422	944.934	510.264	2497.763	0.000	0.003	0.141	0.
STUDIOCORNERSOUTH:BEDROOM	20.945	-560.37	0.000	0.000	0.000	0.000	112.872	495.465	267.551	1392.167	0.000	0.001	0.022	0.
STUDIOSOUTH:BEDROOM	15.630	-571.75	0.000	0.000	0.000	0.000	112.269	495.758	267.709	1249.498	0.000	0.001	0.022	0.
STUDIOSOUTH:LIVING	25.162	-1052.69	0.000	0.000	0.000	0.000	215.478	944.508	510.034	2118.712	0.000	0.002	0.110	0.
VILLALIVINGFLOOR:MEDIASOUTH	261.268	-342.09	0.000	0.000	0.000	0.000	107.056	456.008	246.244	984.436	0.000	0.001	0.078	0.
VILLALIVINGFLOOR:LIVINGNORTH	150.103	-2354.99	0.000	0.000	0.000	0.000	507.945	2243.400	1211.436	4772.439	0.000	0.005	0.211	0.
VILLABEDROOMFLOOR:BEDROOMSOUTH	850.580	-384.94	0.000	0.000	0.000	0.000	150.058	611.807	330.376	1557.034	0.000	0.004	0.102	0.
VILLABEDROOMFLOOR:BEDROOMNORTH	641.215	-734.63	0.000	0.000	0.000	0.000	202.283	843.818	455.662	4170.510	0.000	0.008	0.010	0.
VILLABEDROOMFLOOR:MEDIANORTH	233.994	-342.96	0.000	0.000	0.000	0.000	83.525	355.064	191.735	2061.543	0.000	0.001	0.008	0.
RESORTROOM:BEDROOMSOUTH	66.240	-620.95	0.000	0.000	0.000	0.000	139.202	633.481	342.080	828.931	0.000	0.000	0.049	0.
RESORTROOM:LIVINGNORTH	11.153	-1319.14	0.000	0.000	0.000	0.000	215.168	1024.224	553.081	2064.042	0.000	0.001	0.018	0.
RESORTROOM:BEDROOMNORTH	18.393	-511.97	0.000	0.000	0.000	0.000	89.355	415.099	224.153	1187.067	0.000	0.000	0.010	0.
LUXURYAPARTMENT:LIVINGNORTH	14.898	-2480.43	0.000	0.000	0.000	0.000	347.346	1739.742	939.461	4713.887	0.000	0.000	0.004	0.
LUXURYAPARTMENT:BEDROOMSOUTH	170.231	-443.20	0.000	0.000	0.000	0.000	102.719	463.568	250.327	1153.908	0.000	0.000	173.686	0.
PH1LIVINGLEVEL:BEDROOMSOUTH	196.494	-442.91	0.000	0.000	0.000	0.000	95.984	437.355	236.172	1241.117	0.000	0.000	175.315	0.
PH1LIVINGLEVEL:LIVINGNORTH	58.896	-2762.89	0.000	0.000	0.000	0.000	397.021	1926.563	1040.344	6286.478	0.000	0.001	0.268	0.
PH1BEDROOMLEVEL:BEDROOM	277.703	-1703.90	0.000	0.000	0.000	0.000	338.244	1566.976	846.167	164.909	0.000	0.008	0.016	0.
PH1BEDROOMLEVEL:STUDY	416.089	-348.64	0.000	0.000	0.000	0.000	93.572	405.984	219.231	1331.944	0.000	0.000	0.083	0.
PH1BEDROOMLEVEL:VOID	553.749	-2.62	0.000	0.000	0.000	0.000	0.474	2.122	0.000	4953.648	0.000	0.000	0.090	0.
STUDIOCORNERSOUTH:BATHROOM	0.000	0.000	0.000	0.000	0.000	0.000	44.462	223.648	120.770	0.000	0.000	0.003	0.000	0.
STUDIOSOUTH:BATHROOM	0.000	0.000	0.000	0.000	0.000	0.000	43.769	223.778	120.840	0.000	0.000	0.003	0.000	0.
VILLALIVINGFLOOR:BATHROOM	0.000	0.000	0.000	0.000	0.000	0.000	35.191	159.181	85.958	81.713	0.000	0.003	0.007	0.
VILLABEDROOMFLOOR:BATHROOM	0.000	0.000	0.000	0.000	0.000	0.000	40.924	172.955	93.396	47.170	0.000	0.008	0.003	0.
VILLABEDROOMFLOOR:HALL	0.000	0.000	0.000	0.000	0.000	0.000	51.503	237.138	128.055	0.000	0.000	0.004	0.000	0.
VILLABEDROOMFLOOR:WIC	0.000	0.000	0.000	0.000	0.000	0.000	53.891	251.791	135.967	0.000	0.000	0.003	0.000	0.
VILLABEDROOMFLOOR:BARHROOM	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	520.849	0.000	0.018	0.030	0.
VILLAROOF:ZONE1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.309	7381.736	0.
RESORTROOM:BATHROOM1	0.000	0.000	0.000	0.000	0.000	0.000	40.365	196.844	106.296	47.070	0.000	0.002	0.004	0.
RESORTROOM:HALL	0.000	0.000	0.000	0.000	0.000	0.000	45.245	251.054	135.569	0.000	0.000	0.001	0.000	0.
RESORTROOM:BATHROOM	0.000	0.000	0.000	0.000	0.000	0.000	38.806	227.003	122.582	0.000	0.000	0.000	0.000	0.
LUXURYAPARTMENT:STORAGE	0.000	0.000	0.000	0.000	0.000	0.000	40.067	231.133	124.812	0.000	0.000	0.001	0.000	0.
LUXURYAPARTMENT:BATHROOM1	0.000	0.000	0.000	0.000	0.000	0.000	14.782	95.226	51.422	0.000	0.000	0.000	0.000	0.
LUXURYAPARTMENT:BATHROOM	0.000	0.000	0.000	0.000	0.000	0.000	42.946	218.030	117.736	44.497	0.000	0.001	0.007	0.
PH1LIVINGLEVEL:STORAGE	0.000	0.000	0.000	0.000	0.000	0.000	35.317	192.799	104.112	0.000	0.000	0.002	0.000	0.
PH1LIVINGLEVEL:BATHROOM	0.000	0.000	0.000	0.000	0.000	0.000	37.272	190.984	103.131	43.453	0.000	0.001	0.000	0.
PH1BEDROOMLEVEL:EMPTY	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	4.437	0.
GARAGE1:ZONE1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1382.833	0.000	127.922	0.000	0.196	0.005	0.
GARAGE2:ZONE1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1271.946	0.000	0.000	0.000	0.101	0.000	0.
PH1ROOF:ZONE1	0.000	0.000	0.000	0.000	0.000	0.000	796.095	0.000	1628.196	0.000	0.000	0.287	5203.094	0.
STAIRS1:ZONE1	0.000	0.000	0.000	0.000	0.000	0.000	65.015	264.811	0.000	520.834	0.000	0.049	0.018	0.
STAIRS2:ZONE1	0.000	0.000	0.000	0.000	0.000	0.000	61.748	264.814	0.000	702.100	0.000	0.034	30.255	0.
Total Facility	4039.688	17967.44	0.000	0.000	0.000	0.000	5018.390	22061.846	11820.868	46865.641	0.000	3.063	12969.836	0.

Peak Cooling Sensible Heat Gain Components

	Time of Peak {TIMESTAMP}	HVAC Zone Eq & Other Sensible Air Heating [W]	HVAC Zone Eq & Other Sensible Air Cooling [W]	HVAC Terminal Unit Sensible Air Heating [W]	HVAC Terminal Unit Sensible Air Cooling [W]	HVAC Input Heated Surface Heating [W]	HVAC Input Cooled Surface Cooling [W]	People Sensible Heat Addition [W]	Lights Sensible Heat Addition [W]	Equipment Sensible Heat Addition [W]	Window Heat Addition [W]	Interzone Air Transfer Heat Addition [W]	Infiltration Heat Addition [W]	Op Su Condu and t Ad
STUDIOCORNERSOUTH:LIVING	03-JUL-21:40	0.00	-265.07	0.00	0.00	0.00	0.00	0.00	287.65	155.33	0.00	0.00	0.00	3
STUDIOCORNERSOUTH:BEDROOM	03-JUL-21:40	0.00	-148.03	0.00	0.00	0.00	0.00	0.00	150.83	81.45	0.00	0.00	0.00	2
STUDIOSOUTH:BEDROOM	03-JUL-21:40	0.00	-149.04	0.00	0.00	0.00	0.00	0.00	150.92	81.49	0.00	0.00	0.00	2
STUDIOSOUTH:LIVING	03-JUL-21:40	0.00	-275.54	0.00	0.00	0.00	0.00	0.00	287.52	155.26	0.00	0.00	0.00	3
VILLALIVINGFLOOR:MEDIASOUTH	04-JAN-05:30	0.00	-105.43	0.00	0.00	0.00	0.00	32.61	13.88	7.50	207.12	0.00	0.00	3
VILLALIVINGFLOOR:LIVINGNORTH	03-JUL-21:40	0.00	-599.12	0.00	0.00	0.00	0.00	0.00	682.92	368.78	0.00	0.00	0.00	5
VILLABEDROOMFLOOR:BEDROOMSOUTH	10-MAR-20:08	0.00	-130.92	0.00	0.00	0.00	0.00	0.00	186.24	100.57	0.00	0.00	0.00	5
VILLABEDROOMFLOOR:BEDROOMNORTH	24-JUN-17:34	0.00	-218.79	0.00	0.00	0.00	0.00	0.00	77.06	41.61	0.00	0.00	0.00	6
VILLABEDROOMFLOOR:MEDIANORTH	03-JUL-16:32	0.00	-107.98	0.00	0.00	0.00	0.00	0.00	32.43	17.51	0.00	0.00	0.00	5
RESORTROOM:BEDROOMSOUTH	04-JAN-04:45	0.00	-160.62	0.00	0.00	0.00	0.00	38.64	19.28	10.41	0.00	0.00	0.00	4
RESORTROOM:LIVINGNORTH	03-JUL-21:40	0.00	-304.97	0.00	0.00	0.00	0.00	0.00	311.79	168.37	0.00	0.00	0.00	4
RESORTROOM:BEDROOMNORTH	03-JUL-21:40	0.00	-123.10	0.00	0.00	0.00	0.00	0.00	126.36	68.24	0.00	0.00	0.00	3

LUXURYAPARTMENT:LIVINGNORTH	03-JUL-21:40	0.00	-541.97	0.00	0.00	0.00	0.00	0.00	529.60	285.98	0.00	0.00	0.00	7
LUXURYAPARTMENT:BEDROOMSOUTH	04-JAN-06:00	0.00	-118.24	0.00	0.00	0.00	0.00	27.61	14.11	7.62	387.59	0.00	0.00	
PH1LIVINGLEVEL:BEDROOMSOUTH	04-JAN-06:00	0.00	-110.19	0.00	0.00	0.00	0.00	26.61	13.31	7.19	395.71	0.00	0.00	
PH1LIVINGLEVEL:LIVINGNORTH	28-JUL-14:30	0.00	-707.52	0.00	0.00	0.00	0.00	0.00	175.94	95.01	6182.17	0.00	0.00	
PH1BEDROOMLEVEL:BEDROOM	03-JUL-20:40	0.00	-443.51	0.00	0.00	0.00	0.00	0.00	477.01	257.58	0.00	0.00	0.00	
PH1BEDROOMLEVEL:STUDY	15-APR-22:40	0.00	-99.34	0.00	0.00	0.00	0.00	6.06	123.59	66.74	0.00	0.00	0.00	4
PH1BEDROOMLEVEL:VOID	28-JUL-14:30	0.00	-0.83	0.00	0.00	0.00	0.00	0.00	0.19	0.00	5272.35	0.00	0.00	
STUDIOCORNERSOUTH:BATHROOM	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
STUDIOSOUTH:BATHROOM	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
VILLALIVINGFLOOR:BATHROOM	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
VILLABEDROOMFLOOR:BATHROOM	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
VILLABEDROOMFLOOR:HALL	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
VILLABEDROOMFLOOR:WIC	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
VILLABEDROOMFLOOR:BARHROOM	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
VILLAROOOF:ZONE1	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
RESORTROOM:BATHROOM1	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
RESORTROOM:HALL	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
RESORTROOM:BATHROOM	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
LUXURYAPARTMENT:STORAGE	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
LUXURYAPARTMENT:BATHROOM1	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
LUXURYAPARTMENT:BATHROOM	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PH1LIVINGLEVEL:STORAGE	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PH1LIVINGLEVEL:BATHROOM	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PH1BEDROOMLEVEL:EMPTY	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GARAGE1:ZONE1	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GARAGE2:ZONE1	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PH1ROOF:ZONE1	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
STAIRS1:ZONE1	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
STAIRS2:ZONE1	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total Facility	15-APR-22:40	0.00	-4234.57	0.00	0.00	0.00	0.00	294.28	6715.93	3598.43	0.00	0.00	0.00	76

Peak Heating Sensible Heat Gain Components

	Time of Peak {TIMESTAMP}	HVAC Zone Eq & Other Sensible Air Heating [W]	HVAC Zone Eq & Other Sensible Air Cooling [W]	HVAC Terminal Unit Sensible Air Heating [W]	HVAC Terminal Unit Sensible Air Cooling [W]	HVAC Input Heated Surface Heating [W]	HVAC Input Cooled Surface Cooling [W]	People Sensible Heat Addition [W]	Lights Sensible Heat Addition [W]	Equipment Sensible Heat Addition [W]	Window Heat Addition [W]	Interzone Air Transfer Heat Addition [W]	Infiltration Heat Addition [W]	Of Su Condu and t Ad
STUDIOCORNERSOUTH:LIVING	15-JUL-09:30	282.17	0.00	0.00	0.00	0.00	0.00	0.00	86.30	46.60	0.00	0.00	0.00	
STUDIOCORNERSOUTH:BEDROOM	15-JUL-09:30	144.96	0.00	0.00	0.00	0.00	0.00	0.00	45.25	24.43	0.00	0.00	0.00	
STUDIOSOUTH:BEDROOM	15-JUL-09:30	132.22	0.00	0.00	0.00	0.00	0.00	0.00	45.27	24.45	0.00	0.00	0.00	
STUDIOSOUTH:LIVING	15-JUL-09:30	217.48	0.00	0.00	0.00	0.00	0.00	0.00	86.26	46.58	0.00	0.00	0.00	
VILLALIVINGFLOOR:MEDIASOUTH	18-JUL-06:00	296.74	0.00	0.00	0.00	0.00	0.00	37.92	13.88	7.50	0.00	0.00	0.00	
VILLALIVINGFLOOR:LIVINGNORTH	15-JUL-09:30	629.71	0.00	0.00	0.00	0.00	0.00	0.00	204.88	110.63	0.00	0.00	0.00	
VILLABEDROOMFLOOR:BEDROOMSOUTH	09-JUN-08:00	800.13	0.00	0.00	0.00	0.00	0.00	25.44	55.87	30.17	0.00	0.00	0.00	
VILLABEDROOMFLOOR:BEDROOMNORTH	09-JUN-08:00	844.99	0.00	0.00	0.00	0.00	0.00	35.09	77.06	41.61	0.00	0.00	0.00	
VILLABEDROOMFLOOR:MEDIANORTH	09-JUN-08:00	364.32	0.00	0.00	0.00	0.00	0.00	14.76	32.43	17.51	0.00	0.00	0.00	
RESORTROOM:BEDROOMSOUTH	15-JUL-09:30	199.01	0.00	0.00	0.00	0.00	0.00	0.00	57.85	31.24	0.00	0.00	0.00	
RESORTROOM:LIVINGNORTH	15-JUL-09:30	175.51	0.00	0.00	0.00	0.00	0.00	0.00	93.54	50.51	0.00	0.00	0.00	1
RESORTROOM:BEDROOMNORTH	15-JUL-09:30	141.26	0.00	0.00	0.00	0.00	0.00	0.00	37.91	20.47	0.00	0.00	0.00	
LUXURYAPARTMENT:LIVINGNORTH	15-JUL-09:30	279.40	0.00	0.00	0.00	0.00	0.00	0.00	158.88	85.80	0.00	0.00	0.00	1
LUXURYAPARTMENT:BEDROOMSOUTH	18-JUL-06:00	284.77	0.00	0.00	0.00	0.00	0.00	38.55	14.11	7.62	0.00	0.00	0.00	1
PH1LIVINGLEVEL:BEDROOMSOUTH	09-JUN-08:00	316.77	0.00	0.00	0.00	0.00	0.00	18.19	39.94	21.57	0.00	0.00	0.00	1
PH1LIVINGLEVEL:LIVINGNORTH	15-JUL-09:30	434.23	0.00	0.00	0.00	0.00	0.00	0.00	175.94	95.01	0.00	0.00	0.00	
PH1BEDROOMLEVEL:BEDROOM	28-JUL-08:30	677.69	0.00	0.00	0.00	0.00	0.00	32.58	143.10	77.28	0.00	0.00	0.00	
PH1BEDROOMLEVEL:STUDY	09-JUN-08:00	521.69	0.00	0.00	0.00	0.00	0.00	16.88	37.08	20.02	0.00	0.00	0.00	
PH1BEDROOMLEVEL:VOID	09-JUN-08:00	842.57	0.00	0.00	0.00	0.00	0.00	0.09	0.19	0.00	0.00	0.00	0.00	
STUDIOCORNERSOUTH:BATHROOM	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
STUDIOSOUTH:BATHROOM	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
VILLALIVINGFLOOR:BATHROOM	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
VILLABEDROOMFLOOR:BATHROOM	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
VILLABEDROOMFLOOR:HALL	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
VILLABEDROOMFLOOR:WIC	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
VILLABEDROOMFLOOR:BARHROOM	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

VILLAROOF:ZONE1	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESORTROOM:BATHROOM1	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESORTROOM:HALL	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RESORTROOM:BATHROOM	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LUXURYAPARTMENT:STORAGE	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LUXURYAPARTMENT:BATHROOM1	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LUXURYAPARTMENT:BATHROOM	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PH1LIVINGLEVEL:STORAGE	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PH1LIVINGLEVEL:BATHROOM	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PH1BEDROOMLEVEL:EMPTY	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GARAGE1:ZONE1	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GARAGE2:ZONE1	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PH1ROOF:ZONE1	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STAIRS1:ZONE1	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STAIRS2:ZONE1	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Facility	15-JUL-09:30	6821.00	0.00	0.00	0.00	0.00	0.00	0.00	2014.78	1079.53	0.00	0.00	0.00

Report: **Standard 62.1 Summary**

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For: **Entire Facility**

Timestamp: **2018-06-10 00:35:52**

**System Ventilation Requirements for Cooling**

	Sum of Zone Primary Air Flow - Vpz-sum [m3/s]	System Population - Ps	Sum of Zone Population - Pz-sum	Occupant Diversity - D	Uncorrected Outdoor Air Intake Airflow - Vou [m3/s]	System Primary Airflow - Vps [m3/s]	Average Outdoor Air Fraction - Xs	System Ventilation Efficiency - Ev	Outdoor Air Intake Flow - Vot [m3/s]	Percent Outdoor Air - %OA
None										

**System Ventilation Requirements for Heating**

	Sum of Zone Primary Air Flow - Vpz-sum [m3/s]	System Population - Ps	Sum of Zone Population - Pz-sum	Occupant Diversity - D	Uncorrected Outdoor Air Intake Airflow - Vou [m3/s]	System Primary Airflow - Vps [m3/s]	Average Outdoor Air Fraction - Xs	System Ventilation Efficiency - Ev	Outdoor Air Intake Flow - Vot [m3/s]	Percent Outdoor Air - %OA
None										

**Zone Ventilation Parameters**

	AirLoop Name	People Outdoor Air Rate - Rp [m3/s-person]	Zone Population - Pz	Area Outdoor Air Rate - Ra [m3/s-m2]	Zone Floor Area - Az [m2]	Breathing Zone Outdoor Airflow - Vbz [m3/s]	Cooling Zone Air Distribution Effectiveness - Ez-clg	Cooling Zone Outdoor Airflow - Voz-clg [m3/s]	Heating Zone Air Distribution Effectiveness - Ez-htg	Heating Zone Outdoor Airflow - Voz-htg [m3/s]
None										

**System Ventilation Parameters**

	People Outdoor Air Rate - Rp [m3/s-person]	Sum of Zone Population - Pz-sum	Area Outdoor Air Rate - Ra [m3/s-m2]	Sum of Zone Floor Area - Az-sum [m2]	Breathing Zone Outdoor Airflow - Vbz [m3/s]	Cooling Zone Outdoor Airflow - Voz-clg [m3/s]	Heating Zone Outdoor Airflow - Voz-htg [m3/s]
None							

**Zone Ventilation Calculations for Cooling Design**

	AirLoop Name	Box Type	Zone Primary Airflow - Vpz [m3/s]	Zone Discharge Airflow - Vdz [m3/s]	Minimum Zone Primary Airflow - Vpz-min [m3/s]	Zone Outdoor Airflow Cooling - Voz-clg [m3/s]	Primary Outdoor Air Fraction - Zpz	Primary Air Fraction - Ep	Secondary Recirculation Fraction- Er	Supply Air Fraction- Fa	Mixed Air Fraction - Fb	Outdoor Air Fraction - Fc	Zone Ventilation Efficiency - Evz
None													

**System Ventilation Calculations for Cooling Design**

	Sum of Zone Primary Airflow - Vpz-sum [m3/s]	System Primary Airflow - Vps [m3/s]	Sum of Zone Discharge Airflow - Vdz-sum [m3/s]	Sum of Min Zone Primary Airflow - Vpz-min [m3/s]	Zone Outdoor Airflow Cooling - Voz-clg [m3/s]	Zone Ventilation Efficiency - Evz-min
None						

**Zone Ventilation Calculations for Heating Design**

	AirLoop Name	Box Type	Zone Primary Airflow - Vpz [m3/s]	Zone Discharge Airflow - Vdz [m3/s]	Minimum Zone Primary Airflow - Vpz-min [m3/s]	Zone Outdoor Airflow Heating - Voz-htg [m3/s]	Primary Outdoor Air Fraction - Zpz	Primary Air Fraction - Ep	Secondary Recirculation Fraction- Er	Supply Air Fraction- Fa	Mixed Air Fraction - Fb	Outdoor Air Fraction - Fc	Zone Ventilation Efficiency - Evz
None													

**System Ventilation Calculations for Heating Design**

	Sum of Zone Primary Airflow - Vpz-sum [m3/s]	System Primary Airflow - Vps [m3/s]	Sum of Zone Discharge Airflow - Vdz-sum [m3/s]	Sum of Min Zone Primary Airflow - Vpz-min [m3/s]	Zone Outdoor Airflow Heating - Voz-htg [m3/s]	Zone Ventilation Efficiency - Evz-min
None						

Report: LEED Summary

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For: Entire Facility

Timestamp: 2018-06-10 00:35:52

**Sec1.1A-General Information**

	Data
Weather File	CHRISTCHURCH (01-01:31-12) ** Christchurch Canterbury New Zealand TMY2 NIWA 4843 H32451 WMO#=937800
Total gross floor area [m2]	962.21
Principal Heating Source	District Heat

**EAp2-1. Space Usage Type**

	Space Area [m2]	Regularly Occupied Area [m2]	Unconditioned Area [m2]	Typical Hours/Week in Operation [hr/wk]
STUDIOCORNERSOUTH:LIVING	31.96	31.96	0.00	77.00
STUDIOCORNERSOUTH:BEDROOM	16.76	16.76	0.00	77.00
STUDIOSOUTH:BEDROOM	16.77	16.77	0.00	77.00
STUDIOSOUTH:LIVING	31.95	31.95	0.00	77.00
VILLALIVINGFLOOR:MEDIASOUTH	15.42	15.42	0.00	77.00
VILLALIVINGFLOOR:LIVINGNORTH	75.88	75.88	0.00	77.00
VILLABEDROOMFLOOR:BEDROOMSOUTH	20.69	20.69	0.00	77.00
VILLABEDROOMFLOOR:BEDROOMNORTH	28.54	28.54	0.00	77.00
VILLABEDROOMFLOOR:MEDIANORTH	12.01	12.01	0.00	77.00
RESORTROOM:BEDROOMSOUTH	21.43	21.43	0.00	77.00
RESORTROOM:LIVINGNORTH	34.64	34.64	0.00	77.00
RESORTROOM:BEDROOMNORTH	14.04	14.04	0.00	77.00
LUXURYAPARTMENT:LIVINGNORTH	58.84	58.84	0.00	77.00
LUXURYAPARTMENT:BEDROOMSOUTH	15.68	15.68	0.00	77.00
PH1LIVINGLEVEL:BEDROOMSOUTH	14.79	14.79	0.00	77.00
PH1LIVINGLEVEL:LIVINGNORTH	65.16	65.16	0.00	77.00
PH1BEDROOMLEVEL:BEDROOM	53.00	53.00	0.00	77.00
PH1BEDROOMLEVEL:STUDY	13.73	13.73	0.00	77.00
PH1BEDROOMLEVEL:VOID	0.07	0.07	0.00	77.00
STUDIOCORNERSOUTH:BATHROOM	7.56	0.00	7.56	77.00
STUDIOSOUTH:BATHROOM	7.57	0.00	7.57	77.00
VILLALIVINGFLOOR:BATHROOM	5.38	0.00	5.38	77.00
VILLABEDROOMFLOOR:BATHROOM	5.85	0.00	5.85	77.00
VILLABEDROOMFLOOR:HALL	8.02	0.00	8.02	77.00
VILLABEDROOMFLOOR:WIC	8.52	0.00	8.52	77.00
VILLABEDROOMFLOOR:BARHROOM	13.06	0.00	13.06	0.00
VILLAROOF:ZONE1	98.53	0.00	98.53	0.00
RESORTROOM:BATHROOM1	6.66	0.00	6.66	77.00
RESORTROOM:HALL	8.49	0.00	8.49	77.00
RESORTROOM:BATHROOM	7.68	0.00	7.68	77.00
LUXURYAPARTMENT:STORAGE	7.82	0.00	7.82	77.00
LUXURYAPARTMENT:BATHROOM1	3.22	0.00	3.22	77.00
LUXURYAPARTMENT:BATHROOM	7.37	0.00	7.37	77.00
PH1LIVINGLEVEL:STORAGE	6.52	0.00	6.52	77.00
PH1LIVINGLEVEL:BATHROOM	6.46	0.00	6.46	77.00
PH1BEDROOMLEVEL:EMPTY	2.42	0.00	2.42	0.00
GARAGE1:ZONE1	46.77	0.00	46.77	0.00
GARAGE2:ZONE1	43.02	0.00	43.02	0.00
PH1ROOF:ZONE1	101.98	0.00	101.98	77.00
STAIRS1:ZONE1	8.96	0.00	8.96	77.00
STAIRS2:ZONE1	8.96	0.00	8.96	77.00
Totals	962.21	541.38	420.83	

**EAp2-2. Advisory Messages**

	Data

Number of hours heating loads not met	0.00
Number of hours cooling loads not met	0.00
Number of hours not met	0.00

**EAp2-3. Energy Type Summary**

	Utility Rate	Virtual Rate [\$/unit energy]	Units of Energy	Units of Demand
None				

**EAp2-4/5. Performance Rating Method Compliance**

	Electric Energy Use [kWh]	Electric Demand [W]	Natural Gas Energy Use [kWh]	Natural Gas Demand [W]	Additional Energy Use [kWh]	Additional Demand [W]
Interior Lighting	22061.85	6715.93	0.00	0.00	0.00	0.00
Exterior Lighting	0.00	0.00	0.00	0.00	0.00	0.00
Space Heating	0.00	0.00	0.00	0.00	4516.72	7324.94
Space Cooling	0.00	0.00	0.00	0.00	0.00	0.00
Pumps	0.00	0.00	0.00	0.00	0.00	0.00
Heat Rejection	0.00	0.00	0.00	0.00	0.00	0.00
Fans-Interior	0.00	0.00	0.00	0.00	0.00	0.00
Fans-Parking Garage	0.00	0.00	0.00	0.00	0.00	0.00
Service Water Heating	0.00	0.00	0.00	0.00	0.00	0.00
Receptacle Equipment	13134.30	3998.26	0.00	0.00	0.00	0.00
Interior Lighting-Process	0.00	0.00	0.00	0.00	0.00	0.00
Refrigeration Equipment	0.00	0.00	0.00	0.00	0.00	0.00
Cooking	0.00	0.00	0.00	0.00	0.00	0.00
Industrial Process	0.00	0.00	0.00	0.00	0.00	0.00
Elevators and Escalators	0.00	0.00	0.00	0.00	0.00	0.00
Total Line	35196.14		0.00		4516.72	

**EAp2-6. Energy Use Summary**

	Process Subtotal [kWh]	Total Energy Use [kWh]
Electricity	13134.30	35196.14
Natural Gas	0.00	0.00
Additional	0.00	4516.72
Total	13134.30	39712.86

**EAp2-7. Energy Cost Summary**

	Process Subtotal [\$]	Total Energy Cost [\$]
Electricity	0.00	
Natural Gas	0.00	
Additional	0.00	
Total	0.00	

Process energy cost based on ratio of process to total energy.

**L-1. Renewable Energy Source Summary**

	Rated Capacity [kW]	Annual Energy Generated [kWh]
Photovoltaic	0.00	0.00
Wind	0.00	0.00

**EAp2-17a. Energy Use Intensity - Electricity**

	Electricity [kWh/m2]
Interior Lighting	22.93
Space Heating	0.00
Space Cooling	0.00
Fans-Interior	0.00
Service Water Heating	0.00
Receptacle Equipment	13.65
Miscellaneous	-0.0
Subtotal	36.58

**EAp2-17b. Energy Use Intensity - Natural Gas**

	Natural Gas [kWh/m2]

Space Heating	0.00
Service Water Heating	0.00
Miscellaneous	0.00
Subtotal	0.00

**EAp2-17c. Energy Use Intensity - Additional**

	Additional [kWh/m2]
Miscellaneous	0.00
Subtotal	0.00

**EAp2-18. End Use Percentage**

	Percent [%]
Interior Lighting	55.55
Space Heating	11.37
Space Cooling	0.00
Fans-Interior	0.00
Service Water Heating	0.00
Receptacle Equipment	33.07
Miscellaneous	-0.00

Report: **Component Sizing Summary**

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For: **Entire Facility**

Timestamp: **2018-06-10 00:35:52**

**ZoneHVAC:IdealLoadsAirSystem**

	Design Size Maximum Heating Air Flow Rate [m3/s]	Design Size Maximum Sensible Heating Capacity [W]	User-Specified Maximum Cooling Air Flow Rate [m3/s]
STUDIOCORNERSOUTH:LIVING IDEAL LOADS AIR	0.051028	1200.58	0.000000
STUDIOCORNERSOUTH:BEDROOM IDEAL LOADS AIR	0.026195	619.06	0.000000
STUDIOSOUTH:BEDROOM IDEAL LOADS AIR	0.025205	600.71	0.000000
STUDIOSOUTH:LIVING IDEAL LOADS AIR	0.044131	1072.06	0.000000
VILLALIVINGFLOOR:MEDIASOUTH IDEAL LOADS AIR	0.039199	850.72	0.000000
VILLALIVINGFLOOR:LIVINGNORTH IDEAL LOADS AIR	0.117036	2773.80	0.000000
VILLABEDROOMFLOOR:BEDROOMSOUTH IDEAL LOADS AIR	0.078810	1629.71	0.000000
VILLABEDROOMFLOOR:BEDROOMNORTH IDEAL LOADS AIR	0.094452	1982.42	0.000000
VILLABEDROOMFLOOR:MEDIANORTH IDEAL LOADS AIR	0.043179	898.11	0.000000
RESORTROOM:BEDROOMSOUTH IDEAL LOADS AIR	0.036930	855.49	0.000000
RESORTROOM:LIVINGNORTH IDEAL LOADS AIR	0.043651	1084.24	0.000000
RESORTROOM:BEDROOMNORTH IDEAL LOADS AIR	0.026064	595.30	0.000000
LUXURYAPARTMENT:LIVINGNORTH IDEAL LOADS AIR	0.077179	1898.17	0.000000
LUXURYAPARTMENT:BEDROOMSOUTH IDEAL LOADS AIR	0.038876	846.71	0.000000
PH1LIVINGLEVEL:BEDROOMSOUTH IDEAL LOADS AIR	0.039966	860.06	0.000000
PH1LIVINGLEVEL:LIVINGNORTH IDEAL LOADS AIR	0.085788	2108.03	0.000000
PH1BEDROOMLEVEL:BEDROOM IDEAL LOADS AIR	0.090493	2100.22	0.000000
PH1BEDROOMLEVEL:STUDY IDEAL LOADS AIR	0.049124	1022.28	0.000000
PH1BEDROOMLEVEL:VOID IDEAL LOADS AIR	0.084926	1581.60	0.000000

User-Specified values were used. Design Size values were used if no User-Specified values were provided.

Report: **Surface Shadowing Summary**

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For: **Entire Facility**

Timestamp: **2018-06-10 00:35:52**

**Surfaces (Walls, Roofs, etc) that may be Shadowed by Other Surfaces**

	Possible Shadow Receivers
AMAR - COMPONENT BLOCK 1 - SURFACE 1 (1)	AMAR - COMPONENT BLOCK 6 - SURFACE 2 (26)   Mir-AMAR - COMPONENT BLOCK 6 - SURFACE 9 (33)   Mir-AMAR - COMPONENT BLOCK 24 - SURFACE 2 (49)   AMAR - COMPONENT BLOCK 7 - SURFACE 2 (94)   Mir-AMAR - COMPONENT BLOCK 7 - SURFACE 9 (101)   AMAR - COMPONENT BLOCK 37 - SURFACE 2 (198)   Mir-AMAR - COMPONENT BLOCK 37 - SURFACE 3 (199)   AMAR - COMPONENT BLOCK 37 - SURFACE 8 (204)   Mir-AMAR - COMPONENT BLOCK 37 - SURFACE 10 (206)   AMAR - COMPONENT BLOCK 44 - SURFACE 2 (240)   AMAR - COMPONENT BLOCK 44 - SURFACE 3 (241)   Mir-AMAR - COMPONENT BLOCK 44 - SURFACE 4 (242)   Mir-AMAR - COMPONENT BLOCK 44 - SURFACE 5 (243)   STAIRS1:ZONE1_WALL_4_3_0





