

Generators	General	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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End Uses By Space Type

	Space Type	Electricity [GJ]	Natural Gas [GJ]	Gasoline [GJ]	Diesel [GJ]	Coal [GJ]	Fuel Oil No 1 [GJ]	Fuel Oil No 2 [GJ]	Propane [GJ]	Other Fuel 1 [GJ]	Other Fuel 2 [GJ]	District Cooling [GJ]	District Heating [GJ]	Water [m3]
Heating	Unassigned	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	265.66	0.00
Cooling	Unassigned	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Interior Lighting	GENERAL	73.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Exterior Lighting	Unassigned	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Interior Equipment	GENERAL	137.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Exterior Equipment	Unassigned	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fans	Unassigned	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pumps	Unassigned	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heat Rejection	Unassigned	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Humidification	Unassigned	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heat Recovery	Unassigned	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Systems	Unassigned	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.67	46.84
Refrigeration	Unassigned	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Generators	Unassigned	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Normalized Metrics

Utility Use Per Conditioned Floor Area

	Electricity Intensity [MJ/m2]	Natural Gas Intensity [MJ/m2]	Gasoline Intensity [MJ/m2]	Diesel Intensity [MJ/m2]	Coal Intensity [MJ/m2]	Fuel Oil No 1 Intensity [MJ/m2]	Fuel Oil No 2 Intensity [MJ/m2]	Propane Intensity [MJ/m2]	Other Fuel 1 Intensity [MJ/m2]	Other Fuel 2 Intensity [MJ/m2]	District Cooling Intensity [MJ/m2]	District Heating Intensity [MJ/m2]	Water Intensity [m3/m2]
Lighting	89.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HVAC	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	334.69	0.06
Other	167.66	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	257.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	334.69	0.06

Utility Use Per Total Floor Area

	Electricity Intensity [MJ/m2]	Natural Gas Intensity [MJ/m2]	Gasoline Intensity [MJ/m2]	Diesel Intensity [MJ/m2]	Coal Intensity [MJ/m2]	Fuel Oil No 1 Intensity [MJ/m2]	Fuel Oil No 2 Intensity [MJ/m2]	Propane Intensity [MJ/m2]	Other Fuel 1 Intensity [MJ/m2]	Other Fuel 2 Intensity [MJ/m2]	District Cooling Intensity [MJ/m2]	District Heating Intensity [MJ/m2]	Water Intensity [m3/m2]
Lighting	89.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HVAC	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	334.69	0.06
Other	167.66	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	257.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	334.69	0.06

Electric Loads Satisfied

	Electricity [GJ]	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	210.832	100.00
Surplus Electricity Going To Utility	0.000	0.00
Net Electricity From Utility	210.832	100.00
Total On-Site and Utility Electric Sources	210.832	100.00
Total Electricity End Uses	210.832	100.00

On-Site Thermal Sources

	Heat [GJ]	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	0.00
Condensate Collection	0.00	0.00
Groundwater Well	0.00	0.00
Total On Site Water Sources	0.00	0.00
-	-	-
Initial Storage	0.00	0.00
Final Storage	0.00	0.00
Change in Storage	0.00	0.00
-	-	-
Water Supplied by Utility	46.84	100.00
-	-	-
Total On Site, Change in Storage, and Utility Water Sources	46.84	100.00
Total Water End Uses	46.84	100.00

Setpoint Not Met Criteria

	Degrees [deltaC]
Tolerance for Zone Heating Setpoint Not Met Time	0.20
Tolerance for Zone Cooling Setpoint Not Met Time	0.20

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	2543.00

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

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Life-Cycle Cost Report

[| Entire Facility |](#)

Report: **Input Verification and Results Summary**

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For: **Entire Facility**

Timestamp: **2022-06-08 11:37:03**

General

	Value
Program Version and Build	EnergyPlus, Version 22.1.0-cd759b17ee, YMD=2022.06.08 11:36
RunPeriod	RUN PERIOD 1
Weather File	Trieste - ITA IGDG WMO#=161100
Latitude [deg]	45.65
Longitude [deg]	13.75
Elevation [m]	20.00
Time Zone	1.00
North Axis Angle [deg]	0.00
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]	1062.02	264.86	262.86	264.59	269.70
Above Ground Wall Area [m2]	1062.02	264.86	262.86	264.59	269.70
Window Opening Area [m2]	135.63	37.38	7.09	42.37	48.79
Gross Window-Wall Ratio [%]	12.77	14.11	2.70	16.01	18.09
Above Ground Window-Wall Ratio [%]	12.77	14.11	2.70	16.01	18.09

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]	1062.02	264.86	262.86	264.59	269.70
Above Ground Wall Area [m2]	1062.02	264.86	262.86	264.59	269.70
Window Opening Area [m2]	135.63	37.38	7.09	42.37	48.79
Gross Window-Wall Ratio [%]	12.77	14.11	2.70	16.01	18.09
Above Ground Window-Wall Ratio [%]	12.77	14.11	2.70	16.01	18.09

Skylight-Roof Ratio

	Total
Gross Roof Area [m2]	481.37
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]
0BACKENTRANCE_9AE59250	10.12	Yes	Yes	34.47	1.00	31.60	0.00	4.09	4.09	4.4132		3.9999
0CORRIDOR_EDEEBCE2	11.72	Yes	Yes	41.86	1.00	8.21	0.00	0.00	0.00	4.4132		3.9999
0ENTRANCE_8D564AA4	27.98	Yes	Yes	99.90	1.00	14.28	0.00	0.90	0.90	4.4132		3.9999
0EXHIBITION_CB19CE0A	72.64	Yes	Yes	259.32	1.00	60.45	0.00	7.75	7.75	7.6424	3.72	14.9995
0MEETING1_A799E90A	32.83	Yes	Yes	117.21	1.00	47.36	0.00	5.80	5.80	7.6424	3.72	14.9995
0MEETING2_EF43A7B7	33.04	Yes	Yes	117.96	1.00	47.76	0.00	8.52	8.52	7.6424	3.72	14.9995
0NEWEXHIBITION_128810B4	238.46	Yes	Yes	1221.77	1.00	380.44	0.00	57.68	57.68	7.6424	3.72	14.9995
0TOILET_432F975C	18.61	Yes	Yes	66.44	1.00	14.17	0.00	1.94	1.94	6.7813		3.9999
1CORRIDOR_1912BE3C	14.95	Yes	Yes	73.47	1.00	18.53	0.00	3.85	3.85	4.4132		3.9999
1MEETING1_2C8681BC	31.49	Yes	Yes	151.21	1.00	69.50	0.00	7.00	7.00	7.6424	3.72	14.9995
1MEETING2_E9142AA8	31.17	Yes	Yes	149.65	1.00	69.28	0.00	7.00	7.00	7.6424	3.72	14.9995
1NEWEXHIBITION_0D263255	157.72	Yes	Yes	725.53	1.00	222.23	0.00	25.02	25.02	7.6424	3.72	14.9995
1ROOFHALL_EB42798A	119.23	Yes	Yes	243.66	1.00	41.29	0.00	1.56	1.56	9.0417		3.9999
STAIRELEVATOR_69E04841	10.74	Yes	Yes	95.63	1.00	26.34	0.00	4.52	4.52	4.4132		3.9999
TOILET_85110BD6	8.93	Yes	Yes	38.40	1.00	10.58	0.00	0.00	0.00	6.7813		3.9999
Total	819.65			3436.48		1062.02	0.00	135.63	135.63	7.5194	5.10	12.0163
Conditioned Total	819.65			3436.48		1062.02	0.00	135.63	135.63	7.5194	5.10	12.0163
Unconditioned Total	0.00			0.00		0.00	0.00	0.00	0.00			
Not Part of Total	0.00			0.00		0.00	0.00	0.00	0.00			

Space Summary

	Area [m2]	Conditioned (Y/N)	Part of Total Floor Area (Y/N)	Multipliers	Zone Name	Space Type	Radiant/Solar Enclosure Name	Lighting [W/m2]	People [m2 per person]	Plug and Process [W/m2]	Tags
0BACKENTRANCE_9AE59250	10.12	Yes	Yes	1.00	0BACKENTRANCE_9AE59250	GENERAL	0BACKENTRANCE_9AE59250	4.4132	0.00	3.9999	
0CORRIDOR_EDEEBCE2	11.72	Yes	Yes	1.00	0CORRIDOR_EDEEBCE2	GENERAL	0CORRIDOR_EDEEBCE2	4.4132	0.00	3.9999	
0ENTRANCE_8D564AA4	27.98	Yes	Yes	1.00	0ENTRANCE_8D564AA4	GENERAL	0ENTRANCE_8D564AA4	4.4132	0.00	3.9999	
0EXHIBITION_CB19CE0A	72.64	Yes	Yes	1.00	0EXHIBITION_CB19CE0A	GENERAL	0EXHIBITION_CB19CE0A	7.6424	3.72	14.9995	
0MEETING1_A799E90A	32.83	Yes	Yes	1.00	0MEETING1_A799E90A	GENERAL	0MEETING1_A799E90A	7.6424	3.72	14.9995	
0MEETING2_EF43A7B7	33.04	Yes	Yes	1.00	0MEETING2_EF43A7B7	GENERAL	0MEETING2_EF43A7B7	7.6424	3.72	14.9995	
0NEWEXHIBITION_128810B4	238.46	Yes	Yes	1.00	0NEWEXHIBITION_128810B4	GENERAL	0NEWEXHIBITION_128810B4	7.6424	3.72	14.9995	
0TOILET_432F975C	18.61	Yes	Yes	1.00	0TOILET_432F975C	GENERAL	0TOILET_432F975C	6.7813	0.00	3.9999	
1CORRIDOR_1912BE3C	14.95	Yes	Yes	1.00	1CORRIDOR_1912BE3C	GENERAL	1CORRIDOR_1912BE3C	4.4132	0.00	3.9999	
1MEETING1_2C8681BC	31.49	Yes	Yes	1.00	1MEETING1_2C8681BC	GENERAL	1MEETING1_2C8681BC	7.6424	3.72	14.9995	
1MEETING2_E9142AA8	31.17	Yes	Yes	1.00	1MEETING2_E9142AA8	GENERAL	1MEETING2_E9142AA8	7.6424	3.72	14.9995	
1NEWEXHIBITION_0D263255	157.72	Yes	Yes	1.00	1NEWEXHIBITION_0D263255	GENERAL	1NEWEXHIBITION_0D263255	7.6424	3.72	14.9995	
1ROOFHALL_EB42798A	119.23	Yes	Yes	1.00	1ROOFHALL_EB42798A	GENERAL	1ROOFHALL_EB42798A	9.0417	0.00	3.9999	
STAIRELEVATOR_69E04841	10.74	Yes	Yes	1.00	STAIRELEVATOR_69E04841	GENERAL	STAIRELEVATOR_69E04841	4.4132	0.00	3.9999	
TOILET_85110BD6	8.93	Yes	Yes	1.00	TOILET_85110BD6	GENERAL	TOILET_85110BD6	6.7813	0.00	3.9999	
Total	819.65							7.5194	2.55	12.0163	
Conditioned Total	819.65							7.5194	2.55	12.0163	
Unconditioned Total	0.00							0.0000	0.00	0.0000	
Not Part of Total	0.00							0.0000	0.00	0.0000	

Space Type Summary

	Total Area [m2]	Conditioned Area [m2]	Unconditioned Area [m2]	Not Part of Total Area [m2]	Lighting [W/m2]	People [m2 per person]	Plug and Process [W/m2]
GENERAL	819.65	819.65	0.00	0.00	7.5194	5.10	12.0163
Total	819.65	819.65	0.00	0.00			

Report: **Demand End Use Components Summary**

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For: **Entire Facility**

Timestamp: **2022-06-08 11:37:03**

End Uses

	Electricity [W]	Natural Gas [W]	Gasoline [W]	Diesel [W]	Coal [W]	Fuel Oil No 1 [W]	Fuel Oil No 2 [W]	Propane [W]	Other Fuel 1 [W]	Other Fuel 2 [W]	District Cooling [W]	District Heating [W]	Water [m3/s]
Time of Peak	02-JAN-08:09	-	-	-	-	-	-	-	-	-	-	16-JAN-06:19	11-JAN-13:09
Heating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72546.22	0.00
Cooling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Interior Lighting	3950.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Exterior Lighting	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Interior Equipment	8707.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Exterior Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pumps	0.37	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	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	0.00	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	0.00	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	0.00	0.00	0.00	0.00	0.00	20.00	0.00
Refrigeration	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total End Uses	12658.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72566.22	0.00

End Uses By Subcategory

Generators	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 Source Energy End Use Components	814.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1209.35

Report: **Component Sizing Summary**

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For: **Entire Facility**

Timestamp: **2022-06-08 11:37:03**

ZoneHVAC:IdealLoadsAirSystem

	User-Specified Maximum Heating Air Flow Rate [m3/s]	Design Size Maximum Sensible Heating Capacity [W]	Design Size Maximum Cooling Air Flow Rate [m3/s]	Design Size Maximum Total Cooling Capacity [W]
0BACKENTRANCE_9AE59250 IDEAL LOADS AIR SYSTEM	0.000000	1327.23	0.003085	136.21
0CORRIDOR_EDEEBCE2 IDEAL LOADS AIR SYSTEM	0.000000	692.91	0.003574	157.76
0ENTRANCE_8D564AA4 IDEAL LOADS AIR SYSTEM	0.000000	1229.01	0.008530	376.54
0EXHIBITION_CB19CE0A IDEAL LOADS AIR SYSTEM	0.000000	6958.38	0.136531	6027.17
0MEETING1_A799E90A IDEAL LOADS AIR SYSTEM	0.000000	3437.61	0.061713	2724.35
0MEETING2_EF43A7B7 IDEAL LOADS AIR SYSTEM	0.000000	3550.76	0.062107	2741.72
0NEWEXHIBITION_128810B4 IDEAL LOADS AIR SYSTEM	0.000000	25100.41	0.448211	17411.09
0TOILET_432F975C IDEAL LOADS AIR SYSTEM	0.000000	928.76	0.005673	250.43
1CORRIDOR_1912BE3C IDEAL LOADS AIR SYSTEM	0.000000	1125.80	0.004556	201.13
1MEETING1_2C8681BC IDEAL LOADS AIR SYSTEM	0.000000	3841.81	0.059183	2612.66
1MEETING2_E9142AA8 IDEAL LOADS AIR SYSTEM	0.000000	3822.73	0.058578	2585.95
1NEWEXHIBITION_0D263255 IDEAL LOADS AIR SYSTEM	0.000000	15109.29	0.296460	13087.27
1ROOFHALL_EB42798A IDEAL LOADS AIR SYSTEM	0.000000	3781.73	0.036343	1604.35
STAIRELEVATOR_69E04841 IDEAL LOADS AIR SYSTEM	0.000000	1165.79	0.003275	144.58
TOILET_85110BD6 IDEAL LOADS AIR SYSTEM	0.000000	473.98	0.002722	120.15

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

PlantLoop

	Maximum Loop Flow Rate [m3/s]	Plant Loop Volume [m3]
SHW LOOP DEFAULT_DISTRICT_SHW	0.000009	0.001033

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

Pump:ConstantSpeed

	Design Flow Rate [m3/s]	Design Power Consumption [W]
SHW PUMP1	0.000009	0.366715

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

WaterHeater:Mixed

	Use Side Design Flow Rate [m3/s]
IDEAL SERVICE HOT WATER HEATER	0.000009

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: **2022-06-08 11:37:03**

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

	Possible Shadow Receivers
0BACKENTRANCE_9AE59250..FACE2	0EXHIBITION_CB19CE0A..FACE8 0MEETING2_EF43A7B7..FACE7 0NEWEXHIBITION_128810B4..FACE7 0NEWEXHIBITION_128810B4..FACE15 1MEETING2_E9142AA8..FACE8 1MEETING2_E9142AA8..FACE5 1ROOFHALL_EB42798A..FACE11
0BACKENTRANCE_9AE59250..FACE3	0EXHIBITION_CB19CE0A..FACE7 0MEETING1_A799E90A..FACE7 0NEWEXHIBITION_128810B4..FACE11 0NEWEXHIBITION_128810B4..FACE13 0NEWEXHIBITION_128810B4..FACE18 0NEWEXHIBITION_128810B4..FACE7 0NEWEXHIBITION_128810B4..FACE15 0NEWEXHIBITION_128810B4..FACE17 0NEWEXHIBITION_0D263255..FACE7 1ROOFHALL_EB42798A..FACE11
0BACKENTRANCE_9AE59250..FACE5	0NEWEXHIBITION_128810B4..FACE11 0NEWEXHIBITION_128810B4..FACE13 0NEWEXHIBITION_128810B4..FACE18 0NEWEXHIBITION_128810B4..FACE7 0NEWEXHIBITION_128810B4..FACE15 0NEWEXHIBITION_128810B4..FACE17 1NEWEXHIBITION_0D263255..FACE11 1NEWEXHIBITION_0D263255..FACE7
0BACKENTRANCE_9AE59250..FACE6	0NEWEXHIBITION_128810B4..FACE11 0NEWEXHIBITION_128810B4..FACE13 0NEWEXHIBITION_128810B4..FACE18 0NEWEXHIBITION_128810B4..FACE7 0NEWEXHIBITION_128810B4..FACE15 0NEWEXHIBITION_128810B4..FACE17 1NEWEXHIBITION_0D263255..FACE11 1NEWEXHIBITION_0D263255..FACE7 1ROOFHALL_EB42798A..FACE11
0ENTRANCE_8D564AA4..FACE6	0MEETING1_A799E90A..FACE7 0NEWEXHIBITION_128810B4..FACE18 0NEWEXHIBITION_128810B4..FACE15 1MEETING1_2C8681BC..FACE8 1NEWEXHIBITION_0D263255..FACE7
0EXHIBITION_CB19CE0A..FACE5	0MEETING1_A799E90A..FACE7 0NEWEXHIBITION_128810B4..FACE18 0NEWEXHIBITION_128810B4..FACE15 1MEETING1_2C8681BC..FACE8 1NEWEXHIBITION_0D263255..FACE7
0EXHIBITION_CB19CE0A..FACE6	0MEETING2_EF43A7B7..FACE7 0NEWEXHIBITION_128810B4..FACE7 0NEWEXHIBITION_128810B4..FACE15 1MEETING2_E9142AA8..FACE5 1MEETING2_E9142AA8..FACE8
0EXHIBITION_CB19CE0A..FACE7	0BACKENTRANCE_9AE59250..FACE3 0NEWEXHIBITION_128810B4..FACE11 0NEWEXHIBITION_128810B4..FACE13 0NEWEXHIBITION_128810B4..FACE18 0NEWEXHIBITION_128810B4..FACE7 0NEWEXHIBITION_128810B4..FACE15 0NEWEXHIBITION_128810B4..FACE17 1NEWEXHIBITION_0D263255..FACE11 1NEWEXHIBITION_0D263255..FACE7
0EXHIBITION_CB19CE0A..FACE8	0BACKENTRANCE_9AE59250..FACE2 0NEWEXHIBITION_128810B4..FACE11 0NEWEXHIBITION_128810B4..FACE13 0NEWEXHIBITION_128810B4..FACE18 0NEWEXHIBITION_128810B4..FACE7 0NEWEXHIBITION_128810B4..FACE15 0NEWEXHIBITION_128810B4..FACE17 1NEWEXHIBITION_0D263255..FACE11 1NEWEXHIBITION_0D263255..FACE7
0MEETING1_A799E90A..FACE5	0NEWEXHIBITION_128810B4..FACE18 0NEWEXHIBITION_128810B4..FACE15 1NEWEXHIBITION_0D263255..FACE7
0MEETING1_A799E90A..FACE7	0BACKENTRANCE_9AE59250..FACE3 0ENTRANCE_8D564AA4..FACE6 0EXHIBITION_CB19CE0A..FACE5 0NEWEXHIBITION_128810B4..FACE18 0NEWEXHIBITION_128810B4..FACE7 0NEWEXHIBITION_128810B4..FACE15 0NEWEXHIBITION_128810B4..FACE17 1NEWEXHIBITION_0D263255..FACE7 1ROOFHALL_EB42798A..FACE9
0MEETING2_EF43A7B7..FACE7	0BACKENTRANCE_9AE59250..FACE2 0EXHIBITION_CB19CE0A..FACE6 0NEWEXHIBITION_128810B4..FACE11 0NEWEXHIBITION_128810B4..FACE13 0NEWEXHIBITION_128810B4..FACE18 0NEWEXHIBITION_128810B4..FACE7 0NEWEXHIBITION_128810B4..FACE9 0NEWEXHIBITION_128810B4..FACE15 0NEWEXHIBITION_128810B4..FACE17 0TOILET_432F975C..FACE4 1NEWEXHIBITION_0D263255..FACE11 1NEWEXHIBITION_0D263255..FACE7 1ROOFHALL_EB42798A..FACE10
0NEWEXHIBITION_128810B4..FACE10	0NEWEXHIBITION_128810B4..FACE11 0NEWEXHIBITION_128810B4..FACE7 0NEWEXHIBITION_128810B4..FACE15 0NEWEXHIBITION_128810B4..FACE17
0NEWEXHIBITION_128810B4..FACE11	0BACKENTRANCE_9AE59250..FACE3 0BACKENTRANCE_9AE59250..FACE5 0BACKENTRANCE_9AE59250..FACE6 0EXHIBITION_CB19CE0A..FACE7 0EXHIBITION_CB19CE0A..FACE8 0MEETING2_EF43A7B7..FACE7 0NEWEXHIBITION_128810B4..FACE10 0NEWEXHIBITION_128810B4..FACE7 0NEWEXHIBITION_128810B4..FACE15 0NEWEXHIBITION_128810B4..FACE17 1CORRIDOR_1912BE3C..FACE12 1CORRIDOR_1912BE3C..FACE8 1MEETING1_2C8681BC..FACE8 1MEETING1_2C8681BC..FACE3 1MEETING2_E9142AA8..FACE8 1MEETING2_E9142AA8..FACE5 1ROOFHALL_EB42798A..FACE11
0NEWEXHIBITION_128810B4..FACE12	0NEWEXHIBITION_128810B4..FACE11 0NEWEXHIBITION_128810B4..FACE7 0NEWEXHIBITION_128810B4..FACE15
0NEWEXHIBITION_128810B4..FACE13	0BACKENTRANCE_9AE59250..FACE3 0BACKENTRANCE_9AE59250..FACE5 0BACKENTRANCE_9AE59250..FACE6 0EXHIBITION_CB19CE0A..FACE7 0EXHIBITION_CB19CE0A..FACE8 0MEETING2_EF43A7B7..FACE7 0NEWEXHIBITION_128810B4..FACE7 0NEWEXHIBITION_128810B4..FACE15 1CORRIDOR_1912BE3C..FACE12 1CORRIDOR_1912BE3C..FACE8 1MEETING1_2C8681BC..FACE8 1MEETING1_2C8681BC..FACE3 1MEETING2_E9142AA8..FACE8 1MEETING2_E9142AA8..FACE5 1ROOFHALL_EB42798A..FACE11 1ROOFHALL_EB42798A..FACE9 1ROOFHALL_EB42798A..FACE7
0NEWEXHIBITION_128810B4..FACE18	0BACKENTRANCE_9AE59250..FACE3 0BACKENTRANCE_9AE59250..FACE5 0BACKENTRANCE_9AE59250..FACE6 0ENTRANCE_8D564AA4..FACE6 0EXHIBITION_CB19CE0A..FACE5 0EXHIBITION_CB19CE0A..FACE7 0EXHIBITION_CB19CE0A..FACE8 0MEETING1_A799E90A..FACE5 0MEETING1_A799E90A..FACE7 0MEETING2_EF43A7B7..FACE7 0CORRIDOR_1912BE3C..FACE12 1CORRIDOR_1912BE3C..FACE8 1MEETING1_2C8681BC..FACE8 1MEETING1_2C8681BC..FACE3 1MEETING2_E9142AA8..FACE8 1MEETING2_E9142AA8..FACE5 1ROOFHALL_EB42798A..FACE11 1ROOFHALL_EB42798A..FACE9 1ROOFHALL_EB42798A..FACE7
0NEWEXHIBITION_128810B4..FACE6	0NEWEXHIBITION_128810B4..FACE12 0NEWEXHIBITION_128810B4..FACE15 1NEWEXHIBITION_0D263255..FACE8
0NEWEXHIBITION_128810B4..FACE7	0BACKENTRANCE_9AE59250..FACE2 0BACKENTRANCE_9AE59250..FACE3 0BACKENTRANCE_9AE59250..FACE5 0BACKENTRANCE_9AE59250..FACE6 0EXHIBITION_CB19CE0A..FACE6 0EXHIBITION_CB19CE0A..FACE7 0EXHIBITION_CB19CE0A..FACE8 0MEETING1_A799E90A..FACE7 0MEETING2_EF43A7B7..FACE7 0NEWEXHIBITION_128810B4..FACE7 0NEWEXHIBITION_128810B4..FACE10 0NEWEXHIBITION_128810B4..FACE15 0NEWEXHIBITION_128810B4..FACE17 0TOILET_432F975C..FACE4 1CORRIDOR_1912BE3C..FACE12 1CORRIDOR_1912BE3C..FACE7 1CORRIDOR_1912BE3C..FACE8 1MEETING1_2C8681BC..FACE8 1MEETING1_2C8681BC..FACE3 1MEETING2_E9142AA8..FACE8 1MEETING2_E9142AA8..FACE5 1ROOFHALL_EB42798A..FACE11 1ROOFHALL_EB42798A..FACE7 1ROOFHALL_EB42798A..FACE9
0NEWEXHIBITION_128810B4..FACE9	0MEETING2_EF43A7B7..FACE7 1MEETING2_E9142AA8..FACE8 1MEETING2_E9142AA8..FACE5
0NEWEXHIBITION_128810B4..FACE15	0BACKENTRANCE_9AE59250..FACE2 0BACKENTRANCE_9AE59250..FACE3 0BACKENTRANCE_9AE59250..FACE5 0BACKENTRANCE_9AE59250..FACE6 0ENTRANCE_8D564AA4..FACE6 0EXHIBITION_CB19CE0A..FACE5 0EXHIBITION_CB19CE0A..FACE6 0EXHIBITION_CB19CE0A..FACE7 0EXHIBITION_CB19CE0A..FACE8 0MEETING1_A799E90A..FACE5 0MEETING1_A799E90A..FACE7 0MEETING2_EF43A7B7..FACE7 0NEWEXHIBITION_128810B4..FACE7 0NEWEXHIBITION_128810B4..FACE10 0NEWEXHIBITION_128810B4..FACE15 0NEWEXHIBITION_128810B4..FACE17 0TOILET_432F975C..FACE4 1CORRIDOR_1912BE3C..FACE12 1CORRIDOR_1912BE3C..FACE7 1CORRIDOR_1912BE3C..FACE8 1MEETING1_2C8681BC..FACE8 1MEETING1_2C8681BC..FACE3 1MEETING2_E9142AA8..FACE8 1MEETING2_E9142AA8..FACE5 1ROOFHALL_EB42798A..FACE11 1ROOFHALL_EB42798A..FACE7 1ROOFHALL_EB42798A..FACE9
0NEWEXHIBITION_128810B4..FACE17	0BACKENTRANCE_9AE59250..FACE3 0BACKENTRANCE_9AE59250..FACE6 0NEWEXHIBITION_128810B4..FACE7 1MEETING1_2C8681BC..FACE8 1MEETING2_E9142AA8..FACE8 1ROOFHALL_EB42798A..FACE11
0NEWEXHIBITION_128810B4..FACE8	1CORRIDOR_1912BE3C..FACE12 1CORRIDOR_1912BE3C..FACE7 1CORRIDOR_1912BE3C..FACE8 1MEETING1_2C8681BC..FACE8 1MEETING1_2C8681BC..FACE3 1MEETING2_E9142AA8..FACE8 1MEETING2_E9142AA8..FACE5 1MEETING2_E9142AA8..FACE6 1NEWEXHIBITION_0D263255..FACE11 1NEWEXHIBITION_0D263255..FACE8 1ROOFHALL_EB42798A..FACE11 1ROOFHALL_EB42798A..FACE7 1ROOFHALL_EB42798A..FACE8
0TOILET_432F975C..FACE4	0MEETING2_EF43A7B7..FACE7 0NEWEXHIBITION_128810B4..FACE7 0NEWEXHIBITION_128810B4..FACE15 1MEETING2_E9142AA8..FACE8
1CORRIDOR_1912BE3C..FACE12	0NEWEXHIBITION_128810B4..FACE7 1NEWEXHIBITION_0D263255..FACE11 1NEWEXHIBITION_0D263255..FACE7 1ROOFHALL_EB42798A..FACE7 1ROOFHALL_EB42798A..FACE8

ICORRIDOR_1912BE3C..FACE10	ICORRIDOR_1912BE3C..FACE9 IMEETING1_2C8681BC..FACE4 INEWEXHIBITION_0D263255..FACE11 INEWEXHIBITION_0D263255..FACE7
ICORRIDOR_1912BE3C..FACE6	ICORRIDOR_1912BE3C..FACE7
ICORRIDOR_1912BE3C..FACE7	ICORRIDOR_1912BE3C..FACE6 IMEETING2_E9142AA8..FACE4
ICORRIDOR_1912BE3C..FACE8	INEWEXHIBITION_0D263255..FACE11 INEWEXHIBITION_0D263255..FACE7
ICORRIDOR_1912BE3C..FACE9	ICORRIDOR_1912BE3C..FACE10 IMEETING1_2C8681BC..FACE5
IMEETING1_2C8681BC..FACE6	0NEWEXHIBITION_128810B4..FACE18 INEWEXHIBITION_0D263255..FACE7
IMEETING1_2C8681BC..FACE8	0BACKENTRANCE_9AE59250..FACE3 0NEWEXHIBITION_128810B4..FACE11 0NEWEXHIBITION_128810B4..FACE13 0NEWEXHIBITION_128810B4..FACE18 0NEWEXHIBITION_128810B4..FACE7 0NEWEXHIBITION_128810B4..FACE17 INEWEXHIBITION_0D263255..FACE11 INEWEXHIBITION_0D263255..FACE7 IROOFHALL_EB42798A..FACE9 IROOFHALL_EB42798A..FACE7 IROOFHALL_EB42798A..FACE10 IROOFHALL_EB42798A..FACE8
IMEETING1_2C8681BC..FACE3	INEWEXHIBITION_0D263255..FACE11 INEWEXHIBITION_0D263255..FACE7
IMEETING1_2C8681BC..FACE4	ICORRIDOR_1912BE3C..FACE10 IMEETING1_2C8681BC..FACE5
IMEETING1_2C8681BC..FACE5	ICORRIDOR_1912BE3C..FACE9 IMEETING1_2C8681BC..FACE4 INEWEXHIBITION_0D263255..FACE11 INEWEXHIBITION_0D263255..FACE7
IMEETING2_E9142AA8..FACE8	0BACKENTRANCE_9AE59250..FACE2 0NEWEXHIBITION_128810B4..FACE11 0NEWEXHIBITION_128810B4..FACE13 0NEWEXHIBITION_128810B4..FACE18 0NEWEXHIBITION_128810B4..FACE7 0NEWEXHIBITION_128810B4..FACE9 0NEWEXHIBITION_128810B4..FACE17 INEWEXHIBITION_0D263255..FACE11 INEWEXHIBITION_0D263255..FACE7 IROOFHALL_EB42798A..FACE10 IROOFHALL_EB42798A..FACE7 IROOFHALL_EB42798A..FACE8
IMEETING2_E9142AA8..FACE4	ICORRIDOR_1912BE3C..FACE7 IMEETING2_E9142AA8..FACE6
IMEETING2_E9142AA8..FACE5	INEWEXHIBITION_0D263255..FACE11 INEWEXHIBITION_0D263255..FACE7
IMEETING2_E9142AA8..FACE6	ICORRIDOR_1912BE3C..FACE6 IMEETING2_E9142AA8..FACE4
INEWEXHIBITION_0D263255..FACE11	0NEWEXHIBITION_128810B4..FACE7 ICORRIDOR_1912BE3C..FACE12 ICORRIDOR_1912BE3C..FACE10 ICORRIDOR_1912BE3C..FACE8 IMEETING1_2C8681BC..FACE8 IMEETING1_2C8681BC..FACE3 IMEETING1_2C8681BC..FACE5 IMEETING2_E9142AA8..FACE8 IMEETING2_E9142AA8..FACE5 IROOFHALL_EB42798A..FACE11 IROOFHALL_EB42798A..FACE7 IROOFHALL_EB42798A..FACE8
INEWEXHIBITION_0D263255..FACE7	ICORRIDOR_1912BE3C..FACE12 ICORRIDOR_1912BE3C..FACE10 ICORRIDOR_1912BE3C..FACE8 IMEETING1_2C8681BC..FACE6 IMEETING1_2C8681BC..FACE8 IMEETING1_2C8681BC..FACE3 IMEETING1_2C8681BC..FACE5 IMEETING2_E9142AA8..FACE8 IMEETING2_E9142AA8..FACE5 IROOFHALL_EB42798A..FACE11 IROOFHALL_EB42798A..FACE9 IROOFHALL_EB42798A..FACE7 IROOFHALL_EB42798A..FACE8
INEWEXHIBITION_0D263255..FACE8	0NEWEXHIBITION_128810B4..FACE6
IROOFHALL_EB42798A..FACE10	0NEWEXHIBITION_128810B4..FACE7 IMEETING2_E9142AA8..FACE8 IMEETING2_E9142AA8..FACE5
IROOFHALL_EB42798A..FACE11	0BACKENTRANCE_9AE59250..FACE2 0BACKENTRANCE_9AE59250..FACE3 0BACKENTRANCE_9AE59250..FACE6 0NEWEXHIBITION_128810B4..FACE11 0NEWEXHIBITION_128810B4..FACE13 0NEWEXHIBITION_128810B4..FACE18 0NEWEXHIBITION_128810B4..FACE7 0NEWEXHIBITION_128810B4..FACE17 INEWEXHIBITION_0D263255..FACE11 INEWEXHIBITION_0D263255..FACE7
IROOFHALL_EB42798A..FACE9	0NEWEXHIBITION_128810B4..FACE18 IMEETING1_2C8681BC..FACE8 IMEETING1_2C8681BC..FACE3 INEWEXHIBITION_0D263255..FACE7
IROOFHALL_EB42798A..FACE7	0NEWEXHIBITION_128810B4..FACE7 ICORRIDOR_1912BE3C..FACE12 ICORRIDOR_1912BE3C..FACE8 IMEETING1_2C8681BC..FACE8 IMEETING1_2C8681BC..FACE3 IMEETING2_E9142AA8..FACE8 IMEETING2_E9142AA8..FACE5 INEWEXHIBITION_0D263255..FACE11 INEWEXHIBITION_0D263255..FACE7
IROOFHALL_EB42798A..FACE8	0NEWEXHIBITION_128810B4..FACE7 ICORRIDOR_1912BE3C..FACE12 ICORRIDOR_1912BE3C..FACE8 IMEETING1_2C8681BC..FACE8 IMEETING1_2C8681BC..FACE3 IMEETING2_E9142AA8..FACE8 IMEETING2_E9142AA8..FACE5 INEWEXHIBITION_0D263255..FACE11 INEWEXHIBITION_0D263255..FACE7

Subsurfaces (Windows and Doors) that may be Shadowed by Surfaces

	Possible Shadow Receivers
0BACKENTRANCE_9AE59250..FACE2	APERTURE_897126C9
0BACKENTRANCE_9AE59250..FACE3	APERTURE_9D9C8B04
0BACKENTRANCE_9AE59250..FACE5	DOOR_883BA875
0CORRIDOR_EDEEBCE2..FACE5	DOOR_B8CEB58D
0ENTRANCE_8D564AA4..FACE6	DOOR_3DD874F6 APERTURE_DC8FA275
0EXHIBITION_CB19CE0A..FACE5	APERTURE_1EB761DE APERTURE_4BBE439D
0EXHIBITION_CB19CE0A..FACE6	APERTURE_0ACB5CBE APERTURE_B5ABA8EF
0MEETING1_A799E90A..FACE5	APERTURE_12C187FB APERTURE_9A80D055
0MEETING1_A799E90A..FACE6	APERTURE_5552F9BC
0MEETING2_EF43A7B7..FACE4	APERTURE_6DB0B6E2 APERTURE_ECBF6220
0MEETING2_EF43A7B7..FACE6	APERTURE_86CF3611 APERTURE_EA571A23
0NEWEXHIBITION_128810B4..FACE13	NON-OPERABLE_10_315456E5
0NEWEXHIBITION_128810B4..FACE18	APERTURE_2557E743 DOOR_564BD783
0NEWEXHIBITION_128810B4..FACE6	NON-OPERABLE_8_422D90D1 NON-OPERABLE_9_4A065DC3
0NEWEXHIBITION_128810B4..FACE7	OPERABLE30_4_E609A276
0NEWEXHIBITION_128810B4..FACE9	APERTURE_3A7B9D3A APERTURE_9A550C3F OPERABLE30_5_226F867B
0TOILET_432F975C..FACE4	APERTURE_6BB2D6F4
ICORRIDOR_1912BE3C..FACE11	DOOR_433F4221 NON-OPERABLE_1_14BC60D5..0 NON-OPERABLE_1_14BC60D5..1 NON-OPERABLE_1_14BC60D5..2
IMEETING1_2C8681BC..FACE6	APERTURE_5DEF0DA7 APERTURE_DDC2D3E5 NON-OPERABLE_2_937A9582 NON-OPERABLE_3_A68E6A68 NON-OPERABLE_4_1A92291C
IMEETING1_2C8681BC..FACE7	APERTURE_94043211 APERTURE_C67AB8A7
IMEETING2_E9142AA8..FACE3	APERTURE_4E158398 APERTURE_8337C338 NON-OPERABLE_5_56E0B7D9 NON-OPERABLE_6_13D4BF93 NON-OPERABLE_7_9263D4CD
IMEETING2_E9142AA8..FACE7	APERTURE_026525B2 APERTURE_C54868E6
INEWEXHIBITION_0D263255..FACE6	OPERABLE30_1_150447F8
INEWEXHIBITION_0D263255..FACE9	OPERABLE30_3_C952E98D
IROOFHALL_EB42798A..FACE11	APERTURE_3B782785 APERTURE_72EFC272 APERTURE_BB14F819
STAIRELEVATOR_69E04841..FACE6	OPERABLE30_2_156EA5D4

Report: **Adaptive Comfort Summary**

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For: **Entire Facility**

Timestamp: **2022-06-08 11:37:03**

Time Not Meeting the Adaptive Comfort Models during Occupied Hours

ASHRAE55 90% Acceptability Limits [Hours]	ASHRAE55 80% Acceptability Limits [Hours]	CEN15251 Category I Acceptability Limits [Hours]	CEN15251 Category II Acceptability Limits [Hours]	CEN15251 Category III Acceptability Limits [Hours]
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Report: **Initialization Summary**

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For: **Entire Facility**

Timestamp: **2022-06-08 11:37:03**

Version

Version ID	
1	22.1

Timesteps per Hour

#TimeSteps	Minutes per TimeStep {minutes}
1	6 10

System Convergence Limits

	Minimum System TimeStep {minutes}	Max HVAC Iterations	Minimum Plant Iterations	Maximum Plant Iterations
1	1	20	2	8

Simulation Control

	Do Zone Sizing	Do System Sizing	Do Plant Sizing	Do Design Days	Do Weather Simulation	Do HVAC Sizing Simulation
1	Yes	Yes	Yes	No	Yes	No

Performance Precision Tradeoffs

	Use Coil Direct Simulation	Zone Radiant Exchange Algorithm	Override Mode	Number of Timestep In Hour	Force Euler Method	Minimum Number of Warmup Days	Force Suppress All Begin Environment Resets	Minimum System Timestep	MaxZoneTempDiff	MaxAllowedDelTemp
1	No	ScriptF	Normal	6	No	1	No	1.0	0.300	2.0000E-003

Output Reporting Tolerances

	Tolerance for Time Heating Setpoint Not Met	Tolerance for Zone Cooling Setpoint Not Met Time
1	0.200	0.200

Site:GroundTemperature:BuildingSurface

	Jan {C}	Feb {C}	Mar {C}	Apr {C}	May {C}	Jun {C}	Jul {C}	Aug {C}	Sep {C}	Oct {C}	Nov {C}	Dec {C}
1	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00

Site:GroundTemperature:FCfactorMethod

	Jan {C}	Feb {C}	Mar {C}	Apr {C}	May {C}	Jun {C}	Jul {C}	Aug {C}	Sep {C}	Oct {C}	Nov {C}	Dec {C}
1	9.47	6.48	5.66	6.37	10.41	14.93	19.18	22.26	23.16	21.71	18.23	13.83

Site:GroundTemperature:Shallow

	Jan {C}	Feb {C}	Mar {C}	Apr {C}	May {C}	Jun {C}	Jul {C}	Aug {C}	Sep {C}	Oct {C}	Nov {C}	Dec {C}
1	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00

Site:GroundTemperature:Deep

	Jan {C}	Feb {C}	Mar {C}	Apr {C}	May {C}	Jun {C}	Jul {C}	Aug {C}	Sep {C}	Oct {C}	Nov {C}	Dec {C}
1	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00

Site:GroundReflectance

	Jan {dimensionless}	Feb {dimensionless}	Mar {dimensionless}	Apr {dimensionless}	May {dimensionless}	Jun {dimensionless}	Jul {dimensionless}	Aug {dimensionless}	Sep {dimensionless}	Oct {dimensionless}	Nov {dimensionless}	Dec {dimensionless}
1	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20

Site:GroundReflectance:SnowModifier

	Normal	Daylighting {dimensionless}
1	1.000	1.000

Site:GroundReflectance:Snow

	Jan {dimensionless}	Feb {dimensionless}	Mar {dimensionless}	Apr {dimensionless}	May {dimensionless}	Jun {dimensionless}	Jul {dimensionless}	Aug {dimensionless}	Sep {dimensionless}	Oct {dimensionless}	Nov {dimensionless}	Dec {dimensionless}
1	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20

Site:GroundReflectance:Snow:Daylighting

	Jan {dimensionless}	Feb {dimensionless}	Mar {dimensionless}	Apr {dimensionless}	May {dimensionless}	Jun {dimensionless}	Jul {dimensionless}	Aug {dimensionless}	Sep {dimensionless}	Oct {dimensionless}	Nov {dimensionless}	Dec {dimensionless}
1	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20

Environment:Weather Station

	Wind Sensor Height Above Ground {m}	Wind Speed Profile Exponent {}	Wind Speed Profile Boundary Layer Thickness {m}	Air Temperature Sensor Height Above Ground {m}	Wind Speed Modifier Coefficient-Internal	Temperature Modifier Coefficient-Internal
1	10.000	0.140	270.000	1.500	1.586	9.750E-003

Site:Location

	Location Name	Latitude {N+/S- Deg}	Longitude {E+/W- Deg}	Time Zone Number {GMT+/-}	Elevation {m}	Standard Pressure at Elevation {Pa}	Standard RhoAir at Elevation
1	Trieste - ITA IGDG WMO#=161100	45.65	13.75	1.00	20.00	101085	1.2015

Site Water Mains Temperature Information

	Calculation Method {}	Water Mains Temperature Schedule Name {}	Annual Average Outdoor Air Temperature {C}	Maximum Difference In Monthly Average Outdoor Air Temperatures {deltaC}	Fixed Default Water Mains Temperature {C}
1	CorrelationFromWeatherFile	NA	14.47	19.34	NA

Building Information

	Building Name	North Axis {deg}	Terrain	Loads Convergence Tolerance Value	Temperature Convergence Tolerance Value	Solar Distribution	Maximum Number of Warmup Days	Minimum Number of Warmup Days
1	Building 1	0.000	City	4.0000E-002	0.40000	FullExteriorWithReflectionsFromExteriorSurfaces	25	1

Inside Convection Algorithm

	Algorithm {Simple TARP CeilingDiffuser AdaptiveConvectionAlgorithm}
1	TARP

Outside Convection Algorithm

	Algorithm {SimpleCombined}

	TARP MoWitt DOE-2 AdaptiveConvectionAlgorithm}
1	DOE-2

Sky Radiance Distribution

	Value {Anisotropic}
1	Anisotropic

Zone Air Solution Algorithm

	Value {ThirdOrderBackwardDifference AnalyticalSolution EulerMethod}
1	ThirdOrderBackwardDifference

Zone Air Carbon Dioxide Balance Simulation

	Simulation {Yes/No}	Carbon Dioxide Concentration
1	No	N/A

Zone Air Generic Contaminant Balance Simulation

	Simulation {Yes/No}	Generic Contaminant Concentration
1	No	N/A

Zone Air Mass Flow Balance Simulation

	Enforce Mass Balance	Adjust Zone Mixing and Return {AdjustMixingOnly AdjustReturnOnly AdjustMixingThenReturn AdjustReturnThenMixing None}	Adjust Zone Infiltration {AddInfiltration AdjustInfiltration None}	Infiltration Zones {MixingSourceZonesOnly AllZones}
1	No	N/A	N/A	N/A

HVACSystemRootFindingAlgorithm

	Value {RegulaFalsi Bisection BisectionThenRegulaFalsi RegulaFalsiThenBisection}
1	RegulaFalsi

Environment:Site Atmospheric Variation

	Wind Speed Profile Exponent {}	Wind Speed Profile Boundary Layer Thickness {m}	Air Temperature Gradient Coefficient {K/m}
1	0.330	460.000	6.500000E-003

Surface Geometry

	Starting Corner	Vertex Input Direction	Coordinate System	Daylight Reference Point Coordinate System	Rectangular (Simple) Surface Coordinate System
1	UpperLeftCorner	Counterclockwise	RelativeCoordinateSystem	RelativeCoordinateSystem	RelativeToZoneOrigin

Surface Heat Transfer Algorithm

	Value {CTF - ConductionTransferFunction EMPD - MoisturePenetrationDepthConductionTransferFunction CondFD - ConductionFiniteDifference HAMT - CombinedHeatAndMoistureFiniteElement} - Description	Inside Surface Max Temperature Limit {C}	Surface Convection Coefficient Lower Limit {W/m2-K}	Surface Convection Coefficient Upper Limit {W/m2-K}
1	CTF - ConductionTransferFunction	200	0.10	1000.0

Shading Summary

	Number of Fixed Detached Shades	Number of Building Detached Shades	Number of Attached Shades
1	0	0	0

Zone Summary

	Number of Zones	Number of Zone Surfaces	Number of SubSurfaces
1	15	191	51

Zone Information

	Zone Name	North Axis {deg}	Origin X-Coordinate {m}	Origin Y-Coordinate {m}	Origin Z-Coordinate {m}	Centroid X-Coordinate {m}	Centroid Y-Coordinate {m}	Centroid Z-Coordinate {m}	Type	Zone Multiplier	Zone List Multiplier	Minimum X {m}	Maximum X {m}	Minimum Y {m}	Maximum Y {m}	Minimum Z {m}	Maximum Z {m}	Ceiling Height {m}	Volume {m3}	Zone Inside Convection Algorithm {Simple-Detailed-CeilingDiffuser-TrombeWall}	Zone Outside Convection Algorithm {Simple-Detailed-Tarp-MoWitt-DOE-2-BLAST}	Floor Area {m2}	Exterior Gross Wall Area {m2}	Exterior Net Wall Area {m2}	Exterior Window Area {m2}	Number of Surfaces	Number of SubSurfaces	Number of Shading SubSurfaces	Part of Total Building Area
1	0BACKENTRANCE_9AE59250	0.0	0.00	0.00	0.00	2.75	12.65	8.05	1	1	1	0.78	4.79	9.07	16.25	6.31	10.05	3.75	34.47	TARP	DOE-2	10.12	31.60	27.51	4.09	7	3	0	Yes
2	0CORRIDOR_EDEBCE2	0.0	0.00	0.00	0.00	-9.69	7.64	8.09	1	1	1	-12.48	-6.89	5.62	9.66	6.31	9.88	3.57	41.86	TARP	DOE-2	11.72	8.21	3.69	0.00	6	1	0	Yes
3	0ENTRANCE_8D564AA4	0.0	0.00	0.00	0.00	-4.59	7.16	8.09	1	1	1	-7.75	-1.42	3.16	11.16	6.31	9.88	3.57	99.90	TARP	DOE-2	27.98	14.28	10.64	0.90	7	2	0	Yes
4	0EXHIBITION_CB19CE0A	0.0	0.00	0.00	0.00	-0.75	11.25	8.09	1	1	1	-5.83	4.33	4.66	17.84	6.31	9.88	3.57	259.32	TARP	DOE-2	72.64	60.45	52.70	7.75	9	4	0	Yes
5	0MEETING1_A799E90A	0.0	0.00	0.00	0.00	-8.06	3.59	8.09	1	1	1	-11.62	-4.49	-0.38	7.53	6.31	9.88	3.57	117.21	TARP	DOE-2	32.83	47.36	41.56	5.80	8	3	0	Yes
6	0MEETING2_EF43A7B7	0.0	0.00	0.00	0.00	-11.32	11.72	8.09	1	1	1	-14.89	-7.75	7.75	15.70	6.31	9.88	3.57	117.96	TARP	DOE-2	33.04	47.76	39.24	8.52	8	4	0	Yes
7	0NEWEXHIBITION_128810B4	0.0	0.00	0.00	0.00	19.05	14.20	9.05	1	1	1	8.59	29.72	3.01	27.46	6.31	12.99	6.68	1221.77	TARP	DOE-2	238.46	380.44	322.76	57.68	19	9	0	Yes
8	0TOILET_432F975C	0.0	0.00	0.00	0.00	-6.79	12.58	8.09	1	1	1	-9.50	-4.06	9.66	15.50	6.31	9.88	3.57	66.44	TARP	DOE-2	18.61	14.17	12.23	1.94	6	1	0	Yes
9	1CORRIDOR_1912BE3C	0.0	0.00	0.00	0.00	-9.89	7.61	12.70	1	1	1	-12.62	-6.79	5.38	10.00	9.88	15.20	5.33	73.47	TARP	DOE-2	14.95	18.53	10.74	3.85	13	4	0	Yes
10	1MEETING1_2C8681BC	0.0	0.00	0.00	0.00	-8.12	3.57	12.40	1	1	1	-11.52	-4.49	-0.38	7.28	9.88	15.20	5.33	151.21	TARP	DOE-2	31.49	69.50	62.51	7.00	9	7	0	Yes
11	1MEETING2_E9142AA8	0.0	0.00	0.00	0.00	-11.40	11.72	12.39	1	1	1	-14.89	-7.89	8.10	15.70	9.88	15.20	5.33	149.65	TARP	DOE-2	31.17	69.28	62.28	7.00	9	7	0	Yes
12	1NEWEXHIBITION_0D263255	0.0	0.00	0.00	0.00	18.88	9.77	12.87	1	1	1	8.59	29.72	3.01	18.36	10.61	15.21	4.60	725.53	TARP	DOE-2	157.72	222.23	197.21	25.02	12	2	0	Yes

13	IROOFHALL_EB42798A	0.0	0.00	0.00	0.00	-2.59	10.50	10.87	1	1	1	-9.50	4.33	3.16	17.84	9.88	13.05	3.17	243.66	TARP	DOE-2	119.23	41.29	39.73	1.56	12	3	0	Yes
14	STAIRELEVATOR_69E04841	0.0	0.00	0.00	0.00	17.28	7.16	10.76	1	1	1	15.22	19.33	4.92	9.40	6.31	15.21	8.90	95.63	TARP	DOE-2	10.74	26.34	21.82	4.52	9	1	0	Yes
15	TOILET_85110BD6	0.0	0.00	0.00	0.00	19.79	8.18	8.46	1	1	1	17.97	21.61	6.03	10.32	6.31	10.61	4.30	38.40	TARP	DOE-2	8.93	10.58	10.58	0.00	6	0	0	Yes

Zone Internal Gains Nominal

	Zone Name	Floor Area [m2]	# Occupants	Area per Occupant [m2/person]	Occupant per Area [person/m2]	Interior Lighting [W/m2]	Electric Load [W/m2]	Gas Load [W/m2]	Other Load [W/m2]	Hot Water Eq [W/m2]	Steam Equipment [W/m2]	Sum Loads per Area [W/m2]	Outdoor Controlled Baseboard Heat
1	0BACKENTRANCE_9AE59250	10.12	0.0	N/A	0.000	4.413	4.000	0.000	0.000	0.000	0.000	8.413	No
2	0CORRIDOR_EDEEBCE2	11.72	0.0	N/A	0.000	4.413	4.000	0.000	0.000	0.000	0.000	8.413	No
3	0ENTRANCE_8D564AA4	27.98	0.0	N/A	0.000	4.413	4.000	0.000	0.000	0.000	0.000	8.413	No
4	0EXHIBITION_CB19CE0A	72.64	19.5	3.716	0.269	7.642	14.999	0.000	0.000	0.000	0.000	22.642	No
5	0MEETING1_A799E90A	32.83	8.8	3.716	0.269	7.642	14.999	0.000	0.000	0.000	0.000	22.642	No
6	0MEETING2_EF43A7B7	33.04	8.9	3.716	0.269	7.642	14.999	0.000	0.000	0.000	0.000	22.642	No
7	0NEWEXHIBITION_128810B4	238.46	64.2	3.716	0.269	7.642	14.999	0.000	0.000	0.000	0.000	22.642	No
8	0TOILET_432F975C	18.61	0.0	N/A	0.000	6.781	4.000	0.000	0.000	0.000	0.000	10.781	No
9	1CORRIDOR_1912BE3C	14.95	0.0	N/A	0.000	4.413	4.000	0.000	0.000	0.000	0.000	8.413	No
10	1MEETING1_2C8681BC	31.49	8.5	3.716	0.269	7.642	14.999	0.000	0.000	0.000	0.000	22.642	No
11	1MEETING2_E9142AA8	31.17	8.4	3.716	0.269	7.642	14.999	0.000	0.000	0.000	0.000	22.642	No
12	1NEWEXHIBITION_0D263255	157.72	42.4	3.716	0.269	7.642	14.999	0.000	0.000	0.000	0.000	22.642	No
13	IROOFHALL_EB42798A	119.23	0.0	N/A	0.000	9.042	4.000	0.000	0.000	0.000	0.000	13.042	No
14	STAIRELEVATOR_69E04841	10.74	0.0	N/A	0.000	4.413	4.000	0.000	0.000	0.000	0.000	8.413	No
15	TOILET_85110BD6	8.93	0.0	N/A	0.000	6.781	4.000	0.000	0.000	0.000	0.000	10.781	No

People Internal Gains Nominal

	Name	Schedule Name	Zone Name	Zone Floor Area [m2]	# Zone Occupants	Number of People	People/Floor Area [person/m2]	Floor Area per person [m2/person]	Fraction Radiant	Fraction Convected	Sensible Fraction Calculation	Activity level	ASHRAE 55 Warnings	Carbon Dioxide Generation Rate	Nominal Minimum Number of People	Nominal Maximum Number of People
1	0EXHIBITION_CB19CE0A 2019::PRIMARYSCHOOL::CLASSROOM_PEOPLE	SCHOOLPRIMARY BLDG_OCC_SCH	0EXHIBITION_CB19CE0A	72.64	19.5	19.5	0.269	3.716	0.300	0.700	AutoCalculate	SCHOOLPRIMARY ACTIVITY_SCH	No	3.8200E-008	0	19
2	0MEETING1_A799E90A 2019::PRIMARYSCHOOL::CLASSROOM_PEOPLE	SCHOOLPRIMARY BLDG_OCC_SCH	0MEETING1_A799E90A	32.83	8.8	8.8	0.269	3.716	0.300	0.700	AutoCalculate	SCHOOLPRIMARY ACTIVITY_SCH	No	3.8200E-008	0	8
3	0MEETING2_EF43A7B7 2019::PRIMARYSCHOOL::CLASSROOM_PEOPLE	SCHOOLPRIMARY BLDG_OCC_SCH	0MEETING2_EF43A7B7	33.04	8.9	8.9	0.269	3.716	0.300	0.700	AutoCalculate	SCHOOLPRIMARY ACTIVITY_SCH	No	3.8200E-008	0	8
4	0NEWEXHIBITION_128810B4 2019::PRIMARYSCHOOL::CLASSROOM_PEOPLE	SCHOOLPRIMARY BLDG_OCC_SCH	0NEWEXHIBITION_128810B4	238.46	64.2	64.2	0.269	3.716	0.300	0.700	AutoCalculate	SCHOOLPRIMARY ACTIVITY_SCH	No	3.8200E-008	0	61
5	1MEETING1_2C8681BC 2019::PRIMARYSCHOOL::CLASSROOM_PEOPLE	SCHOOLPRIMARY BLDG_OCC_SCH	1MEETING1_2C8681BC	31.49	8.5	8.5	0.269	3.716	0.300	0.700	AutoCalculate	SCHOOLPRIMARY ACTIVITY_SCH	No	3.8200E-008	0	8
6	1MEETING2_E9142AA8 2019::PRIMARYSCHOOL::CLASSROOM_PEOPLE	SCHOOLPRIMARY BLDG_OCC_SCH	1MEETING2_E9142AA8	31.17	8.4	8.4	0.269	3.716	0.300	0.700	AutoCalculate	SCHOOLPRIMARY ACTIVITY_SCH	No	3.8200E-008	0	8
7	1NEWEXHIBITION_0D263255 2019::PRIMARYSCHOOL::CLASSROOM_PEOPLE	SCHOOLPRIMARY BLDG_OCC_SCH	1NEWEXHIBITION_0D263255	157.72	42.4	42.4	0.269	3.716	0.300	0.700	AutoCalculate	SCHOOLPRIMARY ACTIVITY_SCH	No	3.8200E-008	0	40

Lights Internal Gains Nominal

	Name	Schedule Name	Zone Name	Zone Floor Area [m2]	# Zone Occupants	Lighting Level [W]	Lights/Floor Area [W/m2]	Lights per person [W/person]	Fraction Return Air	Fraction Radiant	Fraction Short Wave	Fraction Convected	Fraction Replaceable	End-Use Category	Nominal Minimum Lighting Level [W]	Nominal Maximum Lighting Level [W]
1	0EXHIBITION_CB19CE0A 2019::PRIMARYSCHOOL::CLASSROOM_LIGHTING	SCHOOLPRIMARY BLDG_LIGHT_CLASSROOM_SCH_2013	0EXHIBITION_CB19CE0A	72.64	19.5	555.127	7.642	28.400	0.000	0.370	0.200	0.430	1.000	General	0.000	555.127
2	0MEETING1_A799E90A 2019::PRIMARYSCHOOL::CLASSROOM_LIGHTING	SCHOOLPRIMARY BLDG_LIGHT_CLASSROOM_SCH_2013	0MEETING1_A799E90A	32.83	8.8	250.924	7.642	28.400	0.000	0.370	0.200	0.430	1.000	General	0.000	250.924
3	0MEETING2_EF43A7B7 2019::PRIMARYSCHOOL::CLASSROOM_LIGHTING	SCHOOLPRIMARY BLDG_LIGHT_CLASSROOM_SCH_2013	0MEETING2_EF43A7B7	33.04	8.9	252.524	7.642	28.400	0.000	0.370	0.200	0.430	1.000	General	0.000	252.524
4	0NEWEXHIBITION_128810B4 2019::PRIMARYSCHOOL::CLASSROOM_LIGHTING	SCHOOLPRIMARY BLDG_LIGHT_CLASSROOM_SCH_2013	0NEWEXHIBITION_128810B4	238.46	64.2	1822.406	7.642	28.400	0.000	0.370	0.200	0.430	1.000	General	0.000	1822.406
5	1MEETING1_2C8681BC 2019::PRIMARYSCHOOL::CLASSROOM_LIGHTING	SCHOOLPRIMARY BLDG_LIGHT_CLASSROOM_SCH_2013	1MEETING1_2C8681BC	31.49	8.5	240.637	7.642	28.400	0.000	0.370	0.200	0.430	1.000	General	0.000	240.637
6	1MEETING2_E9142AA8 2019::PRIMARYSCHOOL::CLASSROOM_LIGHTING	SCHOOLPRIMARY BLDG_LIGHT_CLASSROOM_SCH_2013	1MEETING2_E9142AA8	31.17	8.4	238.177	7.642	28.400	0.000	0.370	0.200	0.430	1.000	General	0.000	238.177
7	1NEWEXHIBITION_0D263255 2019::PRIMARYSCHOOL::CLASSROOM_LIGHTING	SCHOOLPRIMARY BLDG_LIGHT_CLASSROOM_SCH_2013	1NEWEXHIBITION_0D263255	157.72	42.4	1205.392	7.642	28.400	0.000	0.370	0.200	0.430	1.000	General	0.000	1205.392
8	0BACKENTRANCE_9AE59250 2019::PRIMARYSCHOOL::CORRIDOR_LIGHTING	SCHOOLPRIMARY BLDG_LIGHT_CORRIDOR_SCH_2013	0BACKENTRANCE_9AE59250	10.12	0.0	44.675	4.413	N/A	0.000	0.370	0.200	0.430	1.000	General	0.000	44.675
9	0CORRIDOR_EDEEBCE2 2019::PRIMARYSCHOOL::CORRIDOR_LIGHTING	SCHOOLPRIMARY BLDG_LIGHT_CORRIDOR_SCH_2013	0CORRIDOR_EDEEBCE2	11.72	0.0	51.742	4.413	N/A	0.000	0.370	0.200	0.430	1.000	General	0.000	51.742
10	0ENTRANCE_8D564AA4 2019::PRIMARYSCHOOL::CORRIDOR_LIGHTING	SCHOOLPRIMARY BLDG_LIGHT_CORRIDOR_SCH_2013	0ENTRANCE_8D564AA4	27.98	0.0	123.501	4.413	N/A	0.000	0.370	0.200	0.430	1.000	General	0.000	123.501
11	1CORRIDOR_1912BE3C 2019::PRIMARYSCHOOL::CORRIDOR_LIGHTING	SCHOOLPRIMARY BLDG_LIGHT_CORRIDOR_SCH_2013	1CORRIDOR_1912BE3C	14.95	0.0	65.967	4.413	N/A	0.000	0.370	0.200	0.430	1.000	General	0.000	65.967
12	STAIRELEVATOR_69E04841 2019::PRIMARYSCHOOL::CORRIDOR_LIGHTING	SCHOOLPRIMARY BLDG_LIGHT_CORRIDOR_SCH_2013	STAIRELEVATOR_69E04841	10.74	0.0	47.419	4.413	N/A	0.000	0.370	0.200	0.430	1.000	General	0.000	47.419
13	IROOFHALL_EB42798A 2019::PRIMARYSCHOOL::LOBBY_LIGHTING	SCHOOLPRIMARY BLDG_LIGHT_LOBBYFLRI_SCH_2013	IROOFHALL_EB42798A	119.23	0.0	1078.080	9.042	N/A	0.000	0.370	0.200	0.430	1.000	General	0.000	1078.080
14	0TOILET_432F975C 2019::PRIMARYSCHOOL::RESTROOM_LIGHTING	SCHOOLPRIMARY BLDG_LIGHT_BATH_SCH_2013	0TOILET_432F975C	18.61	0.0	126.212	6.781	N/A	0.000	0.370	0.200	0.430	1.000	General	0.000	126.212
15	TOILET_85110BD6 2019::PRIMARYSCHOOL::RESTROOM_LIGHTING	SCHOOLPRIMARY BLDG_LIGHT_BATH_SCH_2013	TOILET_85110BD6	8.93	0.0	60.555	6.781	N/A	0.000	0.370	0.200	0.430	1.000	General	0.000	60.555

ElectricEquipment Internal Gains Nominal

	Name	Schedule Name	Zone Name	Zone Floor Area [m2]	# Zone Occupants	Equipment Level [W]	Equipment/Floor Area [W/m2]	Equipment per person [W/person]	Fraction Latent	Fraction Radiant	Fraction Lost	Fraction Convected	End-Use SubCategory	Nominal Minimum Equipment Level [W]	Nominal Maximum Equipment Level [W]
1	0EXHIBITION_CB19CE0A 2019::PRIMARYSCHOOL::CLASSROOM_ELECTRIC	SCHOOLPRIMARY BLDG_EQUIP_SCH_2013	0EXHIBITION_CB19CE0A	72.64	19.5	1089.535	14.999	55.740	0.000	0.500	0.000	0.500	Electric Equipment	297.323	1035.058
2	0MEETING1_A799E90A 2019::PRIMARYSCHOOL::CLASSROOM_ELECTRIC	SCHOOLPRIMARY BLDG_EQUIP_SCH_2013	0MEETING1_A799E90A	32.83	8.8	492.482	14.999	55.740	0.000	0.500	0.000	0.500	Electric Equipment	134.393	467.858
3	0MEETING2_EF43A7B7 2019::PRIMARYSCHOOL::CLASSROOM_ELECTRIC	SCHOOLPRIMARY BLDG_EQUIP_SCH_2013	0MEETING2_EF43A7B7	33.04	8.9	495.623	14.999	55.740	0.000	0.500	0.000	0.500	Electric Equipment	135.251	470.842
4	0NEWEXHIBITION_128810B4 2019::PRIMARYSCHOOL::CLASSROOM_ELECTRIC	SCHOOLPRIMARY BLDG_EQUIP_SCH_2013	0NEWEXHIBITION_128810B4	238.46	64.2	3576.793	14.999	55.740	0.000	0.500	0.000	0.500	Electric Equipment	976.071	3397.953
5	1MEETING1_2C8681BC 2019::PRIMARYSCHOOL::CLASSROOM_ELECTRIC	SCHOOLPRIMARY BLDG_EQUIP_SCH_2013	1MEETING1_2C8681BC	31.49	8.5	472.293	14.999	55.740	0.000	0.500	0.000	0.500	Electric Equipment	128.884	448.679
6	1MEETING2_E9142AA8 2019::PRIMARYSCHOOL::CLASSROOM_ELECTRIC	SCHOOLPRIMARY BLDG_EQUIP_SCH_2013	1MEETING2_E9142AA8	31.17	8.4	467.465	14.999	55.740	0.000	0.500	0.000	0.500	Electric Equipment	127.566	444.091
7	1NEWEXHIBITION_0D263255 2019::PRIMARYSCHOOL::CLASSROOM_ELECTRIC	SCHOOLPRIMARY	1NEWEXHIBITION_0D263255	157.72	42.4	2365.794	14.999	55.740	0.000	0.500	0.000	0.500	Electric Equipment	645.601	2247.505

		BLDG_EQUIP_SCH_2013														
8	0BACKENTRANCE_9AE59250 2019::PRIMARYSCHOOL::CORRIDOR_ELECTRIC	SCHOOLPRIMARY BLDG_EQUIP_SCH_2013	0BACKENTRANCE_9AE59250	10.12	0.0	40.491	4.000	N/A	0.000	0.500	0.000	0.500	Electric Equipment	11.050	38.466	
9	0CORRIDOR_EDEEBCE2 2019::PRIMARYSCHOOL::CORRIDOR_ELECTRIC	SCHOOLPRIMARY BLDG_EQUIP_SCH_2013	0CORRIDOR_EDEEBCE2	11.72	0.0	46.896	4.000	N/A	0.000	0.500	0.000	0.500	Electric Equipment	12.797	44.551	
10	0ENTRANCE_8D564AA4 2019::PRIMARYSCHOOL::CORRIDOR_ELECTRIC	SCHOOLPRIMARY BLDG_EQUIP_SCH_2013	0ENTRANCE_8D564AA4	27.98	0.0	111.934	4.000	N/A	0.000	0.500	0.000	0.500	Electric Equipment	30.546	106.338	
11	1CORRIDOR_1912BE3C 2019::PRIMARYSCHOOL::CORRIDOR_ELECTRIC	SCHOOLPRIMARY BLDG_EQUIP_SCH_2013	1CORRIDOR_1912BE3C	14.95	0.0	59.788	4.000	N/A	0.000	0.500	0.000	0.500	Electric Equipment	16.316	56.799	
12	STAIRELEVATOR_69E04841 2019::PRIMARYSCHOOL::CORRIDOR_ELECTRIC	SCHOOLPRIMARY BLDG_EQUIP_SCH_2013	STAIRELEVATOR_69E04841	10.74	0.0	42.978	4.000	N/A	0.000	0.500	0.000	0.500	Electric Equipment	11.728	40.829	
13	1ROOFHALL_EB42798A 2019::PRIMARYSCHOOL::LOBBY_ELECTRIC	SCHOOLPRIMARY BLDG_EQUIP_SCH_2013	1ROOFHALL_EB42798A	119.23	0.0	476.922	4.000	N/A	0.000	0.500	0.000	0.500	Electric Equipment	130.147	453.076	
14	0TOILET_432F975C 2019::PRIMARYSCHOOL::RESTROOM_ELECTRIC	SCHOOLPRIMARY BLDG_EQUIP_SCH_2013	0TOILET_432F975C	18.61	0.0	74.445	4.000	N/A	0.000	0.500	0.000	0.500	Electric Equipment	20.315	70.723	
15	TOILET_85110BD6 2019::PRIMARYSCHOOL::RESTROOM_ELECTRIC	SCHOOLPRIMARY BLDG_EQUIP_SCH_2013	TOILET_85110BD6	8.93	0.0	35.718	4.000	N/A	0.000	0.500	0.000	0.500	Electric Equipment	9.747	33.932	

Shadowing/Sun Position Calculations Annual Simulations

	Shading Calculation Method	Shading Calculation Update Frequency Method	Shading Calculation Update Frequency {days}	Maximum Figures in Shadow Overlap Calculations {}	Polygon Clipping Algorithm	Pixel Counting Resolution	Sky Diffuse Modeling Algorithm	Output External Shading Calculation Results	Disable Self-Shading Within Shading Zone Groups	Disable Self-Shading From Shading Zone Groups to Other Zones
1	PolygonClipping	Periodic	30	15000	SutherlandHodgman	512	SimpleSkyDiffuseModeling	No	No	No

Water Heater Information

	Type	Name	Volume {m3}	Maximum Capacity {W}	Standard Rated Recovery Efficiency	Standard Rated Energy Factor
1	WaterHeater:Mixcd	IDEAL SERVICE HOT WATER HEATER	1.0000E-006	1000000.0	868585.857	0.9592

ZoneInfiltration Airflow Stats Nominal

	Name	Schedule Name	Zone Name	Zone Floor Area {m2}	# Zone Occupants	Design Volume Flow Rate {m3/s}	Volume Flow Rate/Floor Area {m3/s-m2}	Volume Flow Rate/Exterior Surface Area {m3/s-m2}	ACH - Air Changes per Hour	Equation A - Constant Term Coefficient {}	Equation B - Temperature Term Coefficient {1/C}	Equation C - Velocity Term Coefficient {s/m}	Equation D - Velocity Squared Term Coefficient {s2/m2}
1	0EXHIBITION_CB19CE0A 2019::PRIMARYSCHOOL::CLASSROOM_INFILTRATION	SCHOOLPRIMARY INFIL_SCH_PNNL	0EXHIBITION_CB19CE0A	72.64	19.5	3.015E-002	4.151E-004	2.266E-004	0.419	1.000	0.000	0.000	0.000
2	0MEETING1_A799E90A 2019::PRIMARYSCHOOL::CLASSROOM_INFILTRATION	SCHOOLPRIMARY INFIL_SCH_PNNL	0MEETING1_A799E90A	32.83	8.8	1.817E-002	5.534E-004	2.266E-004	0.558	1.000	0.000	0.000	0.000
3	0MEETING2_EF43A7B7 2019::PRIMARYSCHOOL::CLASSROOM_INFILTRATION	SCHOOLPRIMARY INFIL_SCH_PNNL	0MEETING2_EF43A7B7	33.04	8.9	1.831E-002	5.541E-004	2.266E-004	0.559	1.000	0.000	0.000	0.000
4	0NEWEXHIBITION_128810B4 2019::PRIMARYSCHOOL::CLASSROOM_INFILTRATION	SCHOOLPRIMARY INFIL_SCH_PNNL	0NEWEXHIBITION_128810B4	238.46	64.2	0.161	6.732E-004	2.266E-004	0.473	1.000	0.000	0.000	0.000
5	1MEETING1_2C8681BC 2019::PRIMARYSCHOOL::CLASSROOM_INFILTRATION	SCHOOLPRIMARY INFIL_SCH_PNNL	1MEETING1_2C8681BC	31.49	8.5	2.347E-002	7.453E-004	2.266E-004	0.559	1.000	0.000	0.000	0.000
6	1MEETING2_E9142AA8 2019::PRIMARYSCHOOL::CLASSROOM_INFILTRATION	SCHOOLPRIMARY INFIL_SCH_PNNL	1MEETING2_E9142AA8	31.17	8.4	2.333E-002	7.487E-004	2.266E-004	0.561	1.000	0.000	0.000	0.000
7	1NEWEXHIBITION_0D263255 2019::PRIMARYSCHOOL::CLASSROOM_INFILTRATION	SCHOOLPRIMARY INFIL_SCH_PNNL	1NEWEXHIBITION_0D263255	157.72	42.4	8.608E-002	5.458E-004	2.266E-004	0.427	1.000	0.000	0.000	0.000
8	0BACKENTRANCE_9AE59250 2019::PRIMARYSCHOOL::CORRIDOR_INFILTRATION	SCHOOLPRIMARY INFIL_SCH_PNNL	0BACKENTRANCE_9AE59250	10.12	0.0	1.200E-002	1.186E-003	2.266E-004	1.254	1.000	0.000	0.000	0.000
9	0CORRIDOR_EDEEBCE2 2019::PRIMARYSCHOOL::CORRIDOR_INFILTRATION	SCHOOLPRIMARY INFIL_SCH_PNNL	0CORRIDOR_EDEEBCE2	11.72	0.0	5.541E-003	4.726E-004	2.266E-004	0.477	1.000	0.000	0.000	0.000
10	0ENTRANCE_8D564AA4 2019::PRIMARYSCHOOL::CORRIDOR_INFILTRATION	SCHOOLPRIMARY INFIL_SCH_PNNL	0ENTRANCE_8D564AA4	27.98	0.0	1.020E-002	3.644E-004	2.266E-004	0.367	1.000	0.000	0.000	0.000
11	1CORRIDOR_1912BE3C 2019::PRIMARYSCHOOL::CORRIDOR_INFILTRATION	SCHOOLPRIMARY INFIL_SCH_PNNL	1CORRIDOR_1912BE3C	14.95	0.0	8.802E-003	5.889E-004	2.266E-004	0.431	1.000	0.000	0.000	0.000
12	STAIRELEVATOR_69E04841 2019::PRIMARYSCHOOL::CORRIDOR_INFILTRATION	SCHOOLPRIMARY INFIL_SCH_PNNL	STAIRELEVATOR_69E04841	10.74	0.0	1.084E-002	1.009E-003	2.266E-004	0.408	1.000	0.000	0.000	0.000
13	1ROOFHALL_EB42798A 2019::PRIMARYSCHOOL::LOBBY_INFILTRATION	SCHOOLPRIMARY INFIL_SCH_PNNL	1ROOFHALL_EB42798A	119.23	0.0	3.831E-002	3.213E-004	2.266E-004	0.566	1.000	0.000	0.000	0.000
14	0TOILET_432F975C 2019::PRIMARYSCHOOL::RESTROOM_INFILTRATION	SCHOOLPRIMARY INFIL_SCH_PNNL	0TOILET_432F975C	18.61	0.0	7.426E-003	3.990E-004	2.266E-004	0.402	1.000	0.000	0.000	0.000
15	TOILET_85110BD6 2019::PRIMARYSCHOOL::RESTROOM_INFILTRATION	SCHOOLPRIMARY INFIL_SCH_PNNL	TOILET_85110BD6	8.93	0.0	4.420E-003	4.950E-004	2.266E-004	0.414	1.000	0.000	0.000	0.000

AirFlow Model

Simple
1 Simple

RoomAir Model

	Zone Name	Mixing/Mundt/UCSDDV/UCSDCV/UCSDUFI/UCSDUFE/User Defined
1	0BACKENTRANCE_9AE59250	Mixing/Well-Stirred
2	0CORRIDOR_EDEEBCE2	Mixing/Well-Stirred
3	0ENTRANCE_8D564AA4	Mixing/Well-Stirred
4	0EXHIBITION_CB19CE0A	Mixing/Well-Stirred
5	0MEETING1_A799E90A	Mixing/Well-Stirred
6	0MEETING2_EF43A7B7	Mixing/Well-Stirred
7	0NEWEXHIBITION_128810B4	Mixing/Well-Stirred
8	0TOILET_432F975C	Mixing/Well-Stirred
9	1CORRIDOR_1912BE3C	Mixing/Well-Stirred
10	1MEETING1_2C8681BC	Mixing/Well-Stirred
11	1MEETING2_E9142AA8	Mixing/Well-Stirred
12	1NEWEXHIBITION_0D263255	Mixing/Well-Stirred
13	1ROOFHALL_EB42798A	Mixing/Well-Stirred
14	STAIRELEVATOR_69E04841	Mixing/Well-Stirred
15	TOILET_85110BD6	Mixing/Well-Stirred

AirflowNetwork Model:Control

No Multizone or Distribution/Multizone with Distribution/Multizone without Distribution/Multizone with Distribution only during Fan Operation
1 NoMultizoneOrDistribution

Zone Volume Capacitance Multiplier

	Sensible Heat Capacity Multiplier	Moisture Capacity Multiplier	Carbon Dioxide Capacity Multiplier	Generic Contaminant Capacity Multiplier
1	1.000	1.000	1.000	1.000

Load Timesteps in Zone Design Calculation Averaging Window

	Value
1	6

Heating Sizing Factor Information

	Sizing Factor ID	Value
1	Global	1.2500
2	Zone 0BACKENTRANCE_9AE59250	1.2500
3	Zone 0CORRIDOR_EDEEBCE2	1.2500
4	Zone 0ENTRANCE_8D564AA4	1.2500
5	Zone 0EXHIBITION_CB19CE0A	1.2500
6	Zone 0MEETING1_A799E90A	1.2500
7	Zone 0MEETING2_EF43A7B7	1.2500
8	Zone 0NEWEXHIBITION_128810B4	1.2500
9	Zone 0TOILET_432F975C	1.2500
10	Zone 1CORRIDOR_1912BE3C	1.2500
11	Zone 1MEETING1_2C8681BC	1.2500
12	Zone 1MEETING2_E9142AA8	1.2500
13	Zone 1NEWEXHIBITION_0D263255	1.2500
14	Zone 1ROOFHALL_EB42798A	1.2500
15	Zone STAIRELEVATOR_69E04841	1.2500
16	Zone TOILET_85110BD6	1.2500

Cooling Sizing Factor Information

	Sizing Factor ID	Value
1	Global	1.1500
2	Zone 0BACKENTRANCE_9AE59250	1.1500
3	Zone 0CORRIDOR_EDEEBCE2	1.1500
4	Zone 0ENTRANCE_8D564AA4	1.1500
5	Zone 0EXHIBITION_CB19CE0A	1.1500
6	Zone 0MEETING1_A799E90A	1.1500
7	Zone 0MEETING2_EF43A7B7	1.1500
8	Zone 0NEWEXHIBITION_128810B4	1.1500
9	Zone 0TOILET_432F975C	1.1500
10	Zone 1CORRIDOR_1912BE3C	1.1500
11	Zone 1MEETING1_2C8681BC	1.1500
12	Zone 1MEETING2_E9142AA8	1.1500
13	Zone 1NEWEXHIBITION_0D263255	1.1500
14	Zone 1ROOFHALL_EB42798A	1.1500
15	Zone STAIRELEVATOR_69E04841	1.1500
16	Zone TOILET_85110BD6	1.1500

Zone Sizing Information

	Zone Name	Load Type	Calc Des Load {W}	User Des Load {W}	Calc Des Air Flow Rate {m3/s}	User Des Air Flow Rate {m3/s}	Design Day Name	Date/Time of Peak	Temperature at Peak {C}	Humidity Ratio at Peak {kgWater/kgDryAir}	Floor Area {m2}	# Occupants	Calc Outdoor Air Flow Rate {m3/s}	Calc DOAS Heat Addition Rate {W}
1	0BACKENTRANCE_9AE59250	Cooling	0.00000	0.00000	0.00000	3.08550E-003	TRIESTE ANN CLG .4% CONDNS DB=>MWB	7/21 15:00:00	31.30000	1.46314E-002	10.12303	0.00000	3.08550E-003	0.00000
2	0BACKENTRANCE_9AE59250	Heating	993.45982	1241.82478	4.26639E-002	5.33299E-002	TRIESTE ANN HTG 99.6% CONDNS DB	1/21 24:00:00	-1.60000	3.31120E-003	10.12303	0.00000	3.08550E-003	0.00000
3	0CORRIDOR_EDEEBCE2	Cooling	0.00000	0.00000	0.00000	3.57357E-003	TRIESTE ANN CLG .4% CONDNS DB=>MWB	7/21 17:10:00	30.20333	1.46294E-002	11.72432	0.00000	3.57357E-003	0.00000
4	0CORRIDOR_EDEEBCE2	Heating	475.18408	593.98010	2.04103E-002	2.55129E-002	TRIESTE ANN HTG 99.6% CONDNS DB	1/21 24:00:00	-1.60000	3.31120E-003	11.72432	0.00000	3.57357E-003	0.00000
5	0ENTRANCE_8D564AA4	Cooling	0.00000	0.00000	0.00000	8.52969E-003	TRIESTE ANN CLG .4% CONDNS DB=>MWB	7/21 17:10:00	30.20333	1.46294E-002	27.98456	0.00000	8.52969E-003	0.00000
6	0ENTRANCE_8D564AA4	Heating	794.29110	992.86387	3.41176E-002	4.26469E-002	TRIESTE ANN HTG 99.6% CONDNS DB	1/21 24:00:00	-1.60000	3.31120E-003	27.98456	0.00000	8.52969E-003	0.00000
7	0EXHIBITION_CB19CE0A	Cooling	0.00000	0.00000	0.00000	0.13653	TRIESTE ANN CLG .4% CONDNS DB=>MWB	7/21 17:10:00	30.20333	1.46294E-002	72.63810	19.54676	0.13653	0.00000
8	0EXHIBITION_CB19CE0A	Heating	2114.55096	2643.18870	9.08249E-002	0.13653	TRIESTE ANN HTG 99.6% CONDNS DB	1/21 24:00:00	-1.60000	3.31120E-003	72.63810	19.54676	0.13653	0.00000
9	0MEETING1_A799E90A	Cooling	0.00000	0.00000	0.00000	6.17134E-002	TRIESTE ANN CLG .4% CONDNS DB=>MWB	7/21 17:10:00	30.20333	1.46294E-002	32.83326	8.83536	6.17134E-002	0.00000
10	0MEETING1_A799E90A	Heating	1383.35399	1729.19249	5.94158E-002	7.42698E-002	TRIESTE ANN HTG 99.6% CONDNS DB	1/21 24:00:00	-1.60000	3.31120E-003	32.83326	8.83536	6.17134E-002	0.00000
11	0MEETING2_EF43A7B7	Cooling	0.00000	0.00000	0.00000	6.21070E-002	TRIESTE ANN CLG .4% CONDNS DB=>MWB	7/21 17:10:00	30.20333	1.46294E-002	33.04266	8.89171	6.21070E-002	0.00000
12	0MEETING2_EF43A7B7	Heating	1465.15294	1831.44118	6.29290E-002	7.86613E-002	TRIESTE ANN HTG 99.6% CONDNS DB	1/21 24:00:00	-1.60000	3.31120E-003	33.04266	8.89171	6.21070E-002	0.00000
13	0NEWEXHIBITION_128810B4	Cooling	2413.91120	2775.99789	5.47290E-002	0.44821	TRIESTE ANN CLG .4% CONDNS DB=>MWB	7/21 17:00:00	30.32000	1.46297E-002	238.46089	64.16932	0.44821	0.00000
14	0NEWEXHIBITION_128810B4	Heating	10153.92775	12692.40968	0.43612	0.54515	TRIESTE ANN HTG 99.6% CONDNS DB	1/21 24:00:00	-1.60000	3.31120E-003	238.46089	64.16932	0.44821	0.00000
15	0TOILET_432F975C	Cooling	0.00000	0.00000	0.00000	5.67289E-003	TRIESTE ANN CLG .4% CONDNS DB=>MWB	7/21 18:50:00	28.74500	1.46268E-002	18.61184	0.00000	5.67289E-003	0.00000
16	0TOILET_432F975C	Heating	617.37032	771.71290	2.65180E-002	3.31475E-002	TRIESTE ANN HTG 99.6% CONDNS DB	1/21 24:00:00	-1.60000	3.31120E-003	18.61184	0.00000	5.67289E-003	0.00000
17	1CORRIDOR_1912BE3C	Cooling	0.00000	0.00000	0.00000	4.55603E-003	TRIESTE ANN CLG .4% CONDNS DB=>MWB	7/21 17:10:00	30.20333	1.46294E-002	14.94761	0.00000	4.55603E-003	0.00000
18	1CORRIDOR_1912BE3C	Heating	799.73455	999.66818	3.43570E-002	4.29383E-002	TRIESTE ANN HTG 99.6% CONDNS DB	1/21 24:00:00	-1.60000	3.31120E-003	14.94761	0.00000	4.55603E-003	0.00000
19	1MEETING1_2C8681BC	Cooling	0.00000	0.00000	0.00000	5.91835E-002	TRIESTE ANN CLG .4% CONDNS DB=>MWB	7/21 17:10:00	30.20333	1.46294E-002	31.48728	8.47316	5.91835E-002	0.00000
20	1MEETING1_2C8681BC	Heating	1762.74684	2203.43355	7.57104E-002	9.46380E-002	TRIESTE ANN HTG 99.6% CONDNS DB	1/21 24:00:00	-1.60000	3.31120E-003	31.48728	8.47316	5.91835E-002	0.00000
21	1MEETING2_E9142AA8	Cooling	0.00000	0.00000	0.00000	5.85784E-002	TRIESTE ANN CLG .4% CONDNS DB=>MWB	7/21 17:10:00	30.20333	1.46294E-002	31.16536	8.38653	5.85784E-002	0.00000
22	1MEETING2_E9142AA8	Heating	1760.88746	2201.10933	7.56305E-002	9.45381E-002	TRIESTE ANN HTG 99.6% CONDNS DB	1/21 24:00:00	-1.60000	3.31120E-003	31.16536	8.38653	5.85784E-002	0.00000
23	1NEWEXHIBITION_0D263255	Cooling	0.00000	0.00000	0.00000	0.29646	TRIESTE ANN CLG .4% CONDNS DB=>MWB	7/21 17:10:00	30.20333	1.46294E-002	157.72495	42.44345	0.29646	0.00000
24	1NEWEXHIBITION_0D263255	Heating	5372.50933	6715.63666	0.23076	0.29646	TRIESTE ANN HTG 99.6% CONDNS DB	1/21 24:00:00	-1.60000	3.31120E-003	157.72495	42.44345	0.29646	0.00000
25	1ROOFHALL_EB42798A	Cooling	0.00000	0.00000	0.00000	3.63427E-002	TRIESTE ANN CLG .4% CONDNS DB=>MWB	7/21 17:10:00	30.20333	1.46294E-002	119.23450	0.00000	3.63427E-002	0.00000
26	1ROOFHALL_EB42798A	Heating	2220.52037	2775.65046	9.53729E-002	0.11922	TRIESTE ANN HTG 99.6% CONDNS DB	1/21 24:00:00	-1.60000	3.31120E-003	119.23450	0.00000	3.63427E-002	0.00000
27	STAIRELEVATOR_69E04841	Cooling	0.00000	0.00000	0.00000	3.27502E-003	TRIESTE ANN CLG .4% CONDNS DB=>MWB	7/21 18:00:00	29.62000	1.46284E-002	10.74482	0.00000	3.27502E-003	0.00000
28	STAIRELEVATOR_69E04841	Heating	860.09781	1075.12226	3.69438E-002	4.61797E-002	TRIESTE ANN HTG 99.6% CONDNS DB	1/21 24:00:00	-1.60000	3.31120E-003	10.74482	0.00000	3.27502E-003	0.00000

29	TOILET_85110BD6	Cooling	0.00000	0.00000	0.00000	2.72181E-003	TRIESTE ANN CLG .4% CONDNS DB=>MWB	7/21 19:10:00	28.44167	1.46262E-002	8.92982	0.00000	2.72181E-003	0.00000
30	TOILET_85110BD6	Heating	318.90221	398.62777	1.36980E-002	1.71224E-002	TRIESTE ANN HTG 99.6% CONDNS DB	1/21 24:00:00	-1.60000	3.31120E-003	8.92982	0.00000	2.72181E-003	0.00000

Component Sizing Information

	Component Type	Component Name	Input Field Description	Value
1	ZoneHVAC:IdealLoadsAirSystem	0BACKENTRANCE_9AE59250 IDEAL LOADS AIR SYSTEM	User-Specified Maximum Heating Air Flow Rate [m3/s]	0.00000
2	ZoneHVAC:IdealLoadsAirSystem	0BACKENTRANCE_9AE59250 IDEAL LOADS AIR SYSTEM	Design Size Maximum Sensible Heating Capacity [W]	1327.23157
3	ZoneHVAC:IdealLoadsAirSystem	0BACKENTRANCE_9AE59250 IDEAL LOADS AIR SYSTEM	Design Size Maximum Cooling Air Flow Rate [m3/s]	3.08550E-003
4	ZoneHVAC:IdealLoadsAirSystem	0BACKENTRANCE_9AE59250 IDEAL LOADS AIR SYSTEM	Design Size Maximum Total Cooling Capacity [W]	136.20994
5	ZoneHVAC:IdealLoadsAirSystem	0CORRIDOR_EDEEBCE2 IDEAL LOADS AIR SYSTEM	User-Specified Maximum Heating Air Flow Rate [m3/s]	0.00000
6	ZoneHVAC:IdealLoadsAirSystem	0CORRIDOR_EDEEBCE2 IDEAL LOADS AIR SYSTEM	Design Size Maximum Sensible Heating Capacity [W]	692.91173
7	ZoneHVAC:IdealLoadsAirSystem	0CORRIDOR_EDEEBCE2 IDEAL LOADS AIR SYSTEM	Design Size Maximum Cooling Air Flow Rate [m3/s]	3.57357E-003
8	ZoneHVAC:IdealLoadsAirSystem	0CORRIDOR_EDEEBCE2 IDEAL LOADS AIR SYSTEM	Design Size Maximum Total Cooling Capacity [W]	157.75606
9	ZoneHVAC:IdealLoadsAirSystem	0ENTRANCE_8D564AA4 IDEAL LOADS AIR SYSTEM	User-Specified Maximum Heating Air Flow Rate [m3/s]	0.00000
10	ZoneHVAC:IdealLoadsAirSystem	0ENTRANCE_8D564AA4 IDEAL LOADS AIR SYSTEM	Design Size Maximum Sensible Heating Capacity [W]	1229.00628
11	ZoneHVAC:IdealLoadsAirSystem	0ENTRANCE_8D564AA4 IDEAL LOADS AIR SYSTEM	Design Size Maximum Cooling Air Flow Rate [m3/s]	8.52969E-003
12	ZoneHVAC:IdealLoadsAirSystem	0ENTRANCE_8D564AA4 IDEAL LOADS AIR SYSTEM	Design Size Maximum Total Cooling Capacity [W]	376.54491
13	ZoneHVAC:IdealLoadsAirSystem	0EXHIBITION_CB19CE0A IDEAL LOADS AIR SYSTEM	User-Specified Maximum Heating Air Flow Rate [m3/s]	0.00000
14	ZoneHVAC:IdealLoadsAirSystem	0EXHIBITION_CB19CE0A IDEAL LOADS AIR SYSTEM	Design Size Maximum Sensible Heating Capacity [W]	6958.38161
15	ZoneHVAC:IdealLoadsAirSystem	0EXHIBITION_CB19CE0A IDEAL LOADS AIR SYSTEM	Design Size Maximum Cooling Air Flow Rate [m3/s]	0.13653
16	ZoneHVAC:IdealLoadsAirSystem	0EXHIBITION_CB19CE0A IDEAL LOADS AIR SYSTEM	Design Size Maximum Total Cooling Capacity [W]	6027.16520
17	ZoneHVAC:IdealLoadsAirSystem	0MEETING1_A799E90A IDEAL LOADS AIR SYSTEM	User-Specified Maximum Heating Air Flow Rate [m3/s]	0.00000
18	ZoneHVAC:IdealLoadsAirSystem	0MEETING1_A799E90A IDEAL LOADS AIR SYSTEM	Design Size Maximum Sensible Heating Capacity [W]	3437.61474
19	ZoneHVAC:IdealLoadsAirSystem	0MEETING1_A799E90A IDEAL LOADS AIR SYSTEM	Design Size Maximum Cooling Air Flow Rate [m3/s]	6.17134E-002
20	ZoneHVAC:IdealLoadsAirSystem	0MEETING1_A799E90A IDEAL LOADS AIR SYSTEM	Design Size Maximum Total Cooling Capacity [W]	2724.34867
21	ZoneHVAC:IdealLoadsAirSystem	0MEETING2_EF43A7B7 IDEAL LOADS AIR SYSTEM	User-Specified Maximum Heating Air Flow Rate [m3/s]	0.00000
22	ZoneHVAC:IdealLoadsAirSystem	0MEETING2_EF43A7B7 IDEAL LOADS AIR SYSTEM	Design Size Maximum Sensible Heating Capacity [W]	3550.75629
23	ZoneHVAC:IdealLoadsAirSystem	0MEETING2_EF43A7B7 IDEAL LOADS AIR SYSTEM	Design Size Maximum Cooling Air Flow Rate [m3/s]	6.21070E-002
24	ZoneHVAC:IdealLoadsAirSystem	0MEETING2_EF43A7B7 IDEAL LOADS AIR SYSTEM	Design Size Maximum Total Cooling Capacity [W]	2741.72359
25	ZoneHVAC:IdealLoadsAirSystem	0NEWEXHIBITION_128810B4 IDEAL LOADS AIR SYSTEM	User-Specified Maximum Heating Air Flow Rate [m3/s]	0.00000
26	ZoneHVAC:IdealLoadsAirSystem	0NEWEXHIBITION_128810B4 IDEAL LOADS AIR SYSTEM	Design Size Maximum Sensible Heating Capacity [W]	25100.41475
27	ZoneHVAC:IdealLoadsAirSystem	0NEWEXHIBITION_128810B4 IDEAL LOADS AIR SYSTEM	Design Size Maximum Cooling Air Flow Rate [m3/s]	0.44821
28	ZoneHVAC:IdealLoadsAirSystem	0NEWEXHIBITION_128810B4 IDEAL LOADS AIR SYSTEM	Design Size Maximum Total Cooling Capacity [W]	17411.09415
29	ZoneHVAC:IdealLoadsAirSystem	0TOILET_432F975C IDEAL LOADS AIR SYSTEM	User-Specified Maximum Heating Air Flow Rate [m3/s]	0.00000
30	ZoneHVAC:IdealLoadsAirSystem	0TOILET_432F975C IDEAL LOADS AIR SYSTEM	Design Size Maximum Sensible Heating Capacity [W]	928.76423
31	ZoneHVAC:IdealLoadsAirSystem	0TOILET_432F975C IDEAL LOADS AIR SYSTEM	Design Size Maximum Cooling Air Flow Rate [m3/s]	5.67289E-003
32	ZoneHVAC:IdealLoadsAirSystem	0TOILET_432F975C IDEAL LOADS AIR SYSTEM	Design Size Maximum Total Cooling Capacity [W]	250.43069
33	ZoneHVAC:IdealLoadsAirSystem	1CORRIDOR_1912BE3C IDEAL LOADS AIR SYSTEM	User-Specified Maximum Heating Air Flow Rate [m3/s]	0.00000
34	ZoneHVAC:IdealLoadsAirSystem	1CORRIDOR_1912BE3C IDEAL LOADS AIR SYSTEM	Design Size Maximum Sensible Heating Capacity [W]	1125.79863
35	ZoneHVAC:IdealLoadsAirSystem	1CORRIDOR_1912BE3C IDEAL LOADS AIR SYSTEM	Design Size Maximum Cooling Air Flow Rate [m3/s]	4.55603E-003
36	ZoneHVAC:IdealLoadsAirSystem	1CORRIDOR_1912BE3C IDEAL LOADS AIR SYSTEM	Design Size Maximum Total Cooling Capacity [W]	201.12687
37	ZoneHVAC:IdealLoadsAirSystem	1MEETING1_2C8681BC IDEAL LOADS AIR SYSTEM	User-Specified Maximum Heating Air Flow Rate [m3/s]	0.00000
38	ZoneHVAC:IdealLoadsAirSystem	1MEETING1_2C8681BC IDEAL LOADS AIR SYSTEM	Design Size Maximum Sensible Heating Capacity [W]	3841.80968
39	ZoneHVAC:IdealLoadsAirSystem	1MEETING1_2C8681BC IDEAL LOADS AIR SYSTEM	Design Size Maximum Cooling Air Flow Rate [m3/s]	5.91835E-002
40	ZoneHVAC:IdealLoadsAirSystem	1MEETING1_2C8681BC IDEAL LOADS AIR SYSTEM	Design Size Maximum Total Cooling Capacity [W]	2612.66487
41	ZoneHVAC:IdealLoadsAirSystem	1MEETING2_E9142AA8 IDEAL LOADS AIR SYSTEM	User-Specified Maximum Heating Air Flow Rate [m3/s]	0.00000
42	ZoneHVAC:IdealLoadsAirSystem	1MEETING2_E9142AA8 IDEAL LOADS AIR SYSTEM	Design Size Maximum Sensible Heating Capacity [W]	3822.73421
43	ZoneHVAC:IdealLoadsAirSystem	1MEETING2_E9142AA8 IDEAL LOADS AIR SYSTEM	Design Size Maximum Cooling Air Flow Rate [m3/s]	5.85784E-002
44	ZoneHVAC:IdealLoadsAirSystem	1MEETING2_E9142AA8 IDEAL LOADS AIR SYSTEM	Design Size Maximum Total Cooling Capacity [W]	2585.95413
45	ZoneHVAC:IdealLoadsAirSystem	1NEWEXHIBITION_0D263255 IDEAL LOADS AIR SYSTEM	User-Specified Maximum Heating Air Flow Rate [m3/s]	0.00000
46	ZoneHVAC:IdealLoadsAirSystem	1NEWEXHIBITION_0D263255 IDEAL LOADS AIR SYSTEM	Design Size Maximum Sensible Heating Capacity [W]	15109.29366
47	ZoneHVAC:IdealLoadsAirSystem	1NEWEXHIBITION_0D263255 IDEAL LOADS AIR SYSTEM	Design Size Maximum Cooling Air Flow Rate [m3/s]	0.29646
48	ZoneHVAC:IdealLoadsAirSystem	1NEWEXHIBITION_0D263255 IDEAL LOADS AIR SYSTEM	Design Size Maximum Total Cooling Capacity [W]	13087.26857
49	ZoneHVAC:IdealLoadsAirSystem	1ROOFHALL_EB42798A IDEAL LOADS AIR SYSTEM	User-Specified Maximum Heating Air Flow Rate [m3/s]	0.00000
50	ZoneHVAC:IdealLoadsAirSystem	1ROOFHALL_EB42798A IDEAL LOADS AIR SYSTEM	Design Size Maximum Sensible Heating Capacity [W]	3781.73364
51	ZoneHVAC:IdealLoadsAirSystem	1ROOFHALL_EB42798A IDEAL LOADS AIR SYSTEM	Design Size Maximum Cooling Air Flow Rate [m3/s]	3.63427E-002
52	ZoneHVAC:IdealLoadsAirSystem	1ROOFHALL_EB42798A IDEAL LOADS AIR SYSTEM	Design Size Maximum Total Cooling Capacity [W]	1604.35407
53	ZoneHVAC:IdealLoadsAirSystem	STAIRELEVATOR_69E04841 IDEAL LOADS AIR SYSTEM	User-Specified Maximum Heating Air Flow Rate [m3/s]	0.00000
54	ZoneHVAC:IdealLoadsAirSystem	STAIRELEVATOR_69E04841 IDEAL LOADS AIR SYSTEM	Design Size Maximum Sensible Heating Capacity [W]	1165.78960
55	ZoneHVAC:IdealLoadsAirSystem	STAIRELEVATOR_69E04841 IDEAL LOADS AIR SYSTEM	Design Size Maximum Cooling Air Flow Rate [m3/s]	3.27502E-003
56	ZoneHVAC:IdealLoadsAirSystem	STAIRELEVATOR_69E04841 IDEAL LOADS AIR SYSTEM	Design Size Maximum Total Cooling Capacity [W]	144.57641
57	ZoneHVAC:IdealLoadsAirSystem	TOILET_85110BD6 IDEAL LOADS AIR SYSTEM	User-Specified Maximum Heating Air Flow Rate [m3/s]	0.00000
58	ZoneHVAC:IdealLoadsAirSystem	TOILET_85110BD6 IDEAL LOADS AIR SYSTEM	Design Size Maximum Sensible Heating Capacity [W]	473.98041
59	ZoneHVAC:IdealLoadsAirSystem	TOILET_85110BD6 IDEAL LOADS AIR SYSTEM	Design Size Maximum Cooling Air Flow Rate [m3/s]	2.72181E-003
60	ZoneHVAC:IdealLoadsAirSystem	TOILET_85110BD6 IDEAL LOADS AIR SYSTEM	Design Size Maximum Total Cooling Capacity [W]	120.15481
61	PlantLoop	SHW LOOP DEFAULT_DISTRICT_SHW	Maximum Loop Flow Rate [m3/s]	8.61243E-006
62	PlantLoop	SHW LOOP DEFAULT_DISTRICT_SHW	Plant Loop Volume [m3]	1.03349E-003
63	Pump:ConstantSpeed	SHW PUMP1	Design Flow Rate [m3/s]	8.61243E-006
64	Pump:ConstantSpeed	SHW PUMP1	Design Power Consumption [W]	0.36672
65	WaterHeater:Mixed	IDEAL SERVICE HOT WATER HEATER	Use Side Design Flow Rate [m3/s]	8.61243E-006

Environment

	Environment Name	Environment Type	Start Date	End Date	Start DayOfWeek	Duration {#days}	Source:Start DayOfWeek	Use Daylight Saving	Use Holidays	Apply Weekend Holiday Rule	Use Rain Values	Use Snow Values	Sky Temperature Model
1	RUN PERIOD 1	WeatherFileRunPeriod	01/01/2006	12/31/2006	Sunday	365	Use RunPeriod Specified Day	No	No	No	Yes	Yes	Clark and Allen

Environment:Daylight Saving

Daylight Saving Indicator	Source	Start Date	End Date

1	No	RunPeriod Object		
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Environment:WarmupDays

NumberofWarmupDays	
1	5

Warmup Convergence Information

	Zone Name	Environment Type/Name	Average Warmup Temperature Difference {deltaC}	Std Dev Warmup Temperature Difference {deltaC}	Max Temperature Pass/Fail Convergence	Min Temperature Pass/Fail Convergence	Average Warmup Load Difference {W}	Std Dev Warmup Load Difference {W}	Heating Load Pass/Fail Convergence	Cooling Load Pass/Fail Convergence
1	0BACKENTRANCE_9AE59250	RunPeriod: RUN PERIOD 1	2.9605947323E-015	2.0829630286E-015	Pass	Pass	4.8463843710E-003	4.6773936579E-003	Pass	Pass
2	0CORRIDOR_EDEEBCE2	RunPeriod: RUN PERIOD 1	2.1094237468E-015	1.7003295080E-015	Pass	Pass	5.4161518784E-003	5.1721438149E-003	Pass	Pass
3	0ENTRANCE_8D564AA4	RunPeriod: RUN PERIOD 1	2.3314683517E-015	1.8895547958E-015	Pass	Pass	4.3946810191E-003	4.3444853673E-003	Pass	Pass
4	0EXHIBITION_CB19CE0A	RunPeriod: RUN PERIOD 1	1.9613940102E-015	1.6971046032E-015	Pass	Pass	5.4711616126E-003	5.4766664427E-003	Pass	Pass
5	0MEETING1_A799E90A	RunPeriod: RUN PERIOD 1	1.9613940102E-015	1.7354079785E-015	Pass	Pass	5.1330780793E-003	5.0949352005E-003	Pass	Pass
6	0MEETING2_EF43A7B7	RunPeriod: RUN PERIOD 1	1.8750433305E-015	1.6049834022E-015	Pass	Pass	5.5640869400E-003	5.4590057917E-003	Pass	Pass
7	0NEWEXHIBITION_128810B4	RunPeriod: RUN PERIOD 1	1.7023419711E-015	1.4332917616E-015	Pass	Pass	7.8658833214E-003	7.6391297076E-003	Pass	Pass
8	0TOILET_432F975C	RunPeriod: RUN PERIOD 1	1.9120507646E-015	1.5395072839E-015	Pass	Pass	4.1205695047E-003	4.1286294272E-003	Pass	Pass
9	1CORRIDOR_1912BE3C	RunPeriod: RUN PERIOD 1	1.8133642736E-015	1.5307842312E-015	Pass	Pass	6.5083731753E-003	6.2639399274E-003	Pass	Pass
10	1MEETING1_2C8681BC	RunPeriod: RUN PERIOD 1	1.3939466865E-015	1.2413896648E-015	Pass	Pass	5.3733752049E-003	5.3402182270E-003	Pass	Pass
11	1MEETING2_E9142AA8	RunPeriod: RUN PERIOD 1	1.7516852166E-015	1.4196369888E-015	Pass	Pass	5.1825542689E-003	5.1740002454E-003	Pass	Pass
12	1NEWEXHIBITION_0D263255	RunPeriod: RUN PERIOD 1	1.4186183092E-015	1.2310496997E-015	Pass	Pass	8.1068693029E-003	8.0962307215E-003	Pass	Pass
13	1ROOFHALL_1EB42798A	RunPeriod: RUN PERIOD 1	1.9490581988E-015	1.6919409642E-015	Pass	Pass	6.0598504516E-003	6.0208132287E-003	Pass	Pass
14	STAIRELEVATOR_69E04841	RunPeriod: RUN PERIOD 1	2.5165055225E-015	2.0776963628E-015	Pass	Pass	6.9472380445E-003	6.7401577350E-003	Pass	Pass
15	TOILET_85110BD6	RunPeriod: RUN PERIOD 1	1.6776703483E-015	1.4770041533E-015	Pass	Pass	5.5978448930E-003	5.2549248760E-003	Pass	Pass

Report: **Annual Heat Emissions Summary**

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For: **Entire Facility**

Timestamp: **2022-06-08 11:37:03**

Heat Emission by Components

	Envelope Convection	Zone Exfiltration	Zone Exhaust Air	HVAC Relief Air	HVAC Reject Heat	Total
Heat Emissions [GJ]	681.77	89.67	0.00	0.00	0.00	771.44

Report: **Climatic Data Summary**

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For: **Entire Facility**

Timestamp: **2022-06-08 11:37:03**

SizingPeriod:DesignDay

	Maximum Dry Bulb [C]	Daily Temperature Range [deltaC]	Humidity Value	Humidity Type	Wind Speed [m/s]	Wind Direction
TRIESTE ANN CLG .4% CONDNS DB=>MWB	31.30	7.00	23.20	Wetbulb [C]	2.10	280.00
TRIESTE ANN CLG .4% CONDNS DP=>MDB	29.10	7.00	23.40	Dewpoint [C]	2.10	280.00
TRIESTE ANN CLG .4% CONDNS ENTH=>MDB	29.80	7.00	76500.00	Enthalpy [J/kg]	2.10	280.00
TRIESTE ANN CLG .4% CONDNS WB=>MDB	29.80	7.00	25.10	Wetbulb [C]	2.10	280.00
TRIESTE ANN HTG 99.6% CONDNS DB	-1.60	0.00	-1.60	Wetbulb [C]	6.70	40.00
TRIESTE ANN HTG WIND 99.6% CONDNS WS=>MCDB	0.50	0.00	0.50	Wetbulb [C]	14.40	40.00
TRIESTE ANN HUM_N 99.6% CONDNS DP=>MCDB	1.90	0.00	-16.80	Dewpoint [C]	6.70	40.00

Monthly Precipitation Summary

	Monthly Total Precipitation from .epw [mm]	Monthly Total Hours of Rain from .epw	Monthly Total Precipitation in Site:Precipitation [mm]	Monthly Total Roof Irrigation Depth [mm]	Monthly Total Rain Collection Volume [m3]
Jan	0.00	0			
Feb	0.00	0			
Mar	0.00	0			
Apr	0.00	0			
May	0.00	0			
Jun	0.00	0			
Jul	0.00	0			
Aug	0.00	0			
Sep	0.00	0			
Oct	0.00	0			
Nov	0.00	0			
Dec	0.00	0			

Weather Statistics File

	Value
None	

Report: **Envelope Summary**

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For: **Entire Facility**

Timestamp: **2022-06-08 11:37:03**

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
0BACKENTRANCE_9AE59250_FACE2	TYPICAL INSULATED EXTERIOR MASS WALL-R9	0.30	0.605	0.665	4.80	4.54	337.96	90.00	N
0BACKENTRANCE_9AE59250_FACE3	TYPICAL INSULATED EXTERIOR MASS WALL-R9	0.30	0.605	0.665	4.80	4.31	157.96	90.00	S
0BACKENTRANCE_9AE59250_FACE5	TYPICAL INSULATED EXTERIOR MASS WALL-R9	0.30	0.605	0.665	22.00	18.66	67.88	90.00	E

0BACKENTRANCE_9AE59250..FACE4	TYPICAL INSULATED EXTERIOR MASS FLOOR-R14	0.30	0.390	0.421	10.12	10.12	337.96	180.00	
0BACKENTRANCE_9AE59250..FACE6	TYPICAL IEAD ROOF - HIGHLY REFLECTIVE-R26	0.55	0.209	0.216	11.25	11.25	67.88	25.87	
0CORRIDOR_EDEEBCE2..FACE5	TYPICAL INSULATED EXTERIOR MASS WALL-R9	0.30	0.605	0.665	8.21	3.69	248.04	90.00	W
0CORRIDOR_EDEEBCE2..FACE4	TYPICAL INSULATED EXTERIOR MASS FLOOR-R14	0.30	0.390	0.421	11.72	11.72	338.04	180.00	
0ENTRANCE_8D564AA4..FACE6	TYPICAL INSULATED EXTERIOR MASS WALL-R9	0.30	0.605	0.665	14.28	10.64	157.88	90.00	S
0ENTRANCE_8D564AA4..FACE5	TYPICAL INSULATED EXTERIOR MASS FLOOR-R14	0.30	0.390	0.421	27.98	27.98	337.88	180.00	
0EXHIBITION_CB19CE0A..FACE5	TYPICAL INSULATED EXTERIOR MASS WALL-R9	0.30	0.605	0.665	22.17	18.30	157.88	90.00	S
0EXHIBITION_CB19CE0A..FACE6	TYPICAL INSULATED EXTERIOR MASS WALL-R9	0.30	0.605	0.665	22.17	18.30	337.88	90.00	N
0EXHIBITION_CB19CE0A..FACE7	TYPICAL INSULATED EXTERIOR MASS WALL-R9	0.30	0.605	0.665	7.98	7.98	67.88	90.00	E
0EXHIBITION_CB19CE0A..FACE8	TYPICAL INSULATED EXTERIOR MASS WALL-R9	0.30	0.605	0.665	8.13	8.13	67.88	90.00	E
0EXHIBITION_CB19CE0A..FACE4	TYPICAL INSULATED EXTERIOR MASS FLOOR-R14	0.30	0.390	0.421	72.64	72.64	337.88	180.00	
0MEETING1_A799E90A..FACE5	TYPICAL INSULATED EXTERIOR MASS WALL-R9	0.30	0.605	0.665	18.20	14.32	157.39	90.00	S
0MEETING1_A799E90A..FACE6	TYPICAL INSULATED EXTERIOR MASS WALL-R9	0.30	0.605	0.665	23.10	21.17	248.04	90.00	W
0MEETING1_A799E90A..FACE7	TYPICAL INSULATED EXTERIOR MASS WALL-R9	0.30	0.605	0.665	6.07	6.07	68.04	90.00	E
0MEETING1_A799E90A..FACE4	TYPICAL INSULATED EXTERIOR MASS FLOOR-R14	0.30	0.390	0.421	32.83	32.83	337.39	180.00	
0MEETING2_EF43A7B7..FACE4	TYPICAL INSULATED EXTERIOR MASS WALL-R9	0.30	0.605	0.665	18.20	13.94	337.39	90.00	N
0MEETING2_EF43A7B7..FACE6	TYPICAL INSULATED EXTERIOR MASS WALL-R9	0.30	0.605	0.665	23.04	18.77	248.04	90.00	W
0MEETING2_EF43A7B7..FACE7	TYPICAL INSULATED EXTERIOR MASS WALL-R9	0.30	0.605	0.665	6.53	6.53	68.04	90.00	E
0MEETING2_EF43A7B7..FACE5	TYPICAL INSULATED EXTERIOR MASS FLOOR-R14	0.30	0.390	0.421	33.04	33.04	338.04	180.00	
0NEWEXHIBITION_128810B4..FACE10	TYPICAL INSULATED STEEL FRAMED EXTERIOR WALL-R13	0.30	0.400	0.426	5.16	5.16	67.88	90.00	E
0NEWEXHIBITION_128810B4..FACE11	TYPICAL INSULATED STEEL FRAMED EXTERIOR WALL-R13	0.30	0.400	0.426	12.21	12.21	337.88	90.00	N
0NEWEXHIBITION_128810B4..FACE12	TYPICAL INSULATED STEEL FRAMED EXTERIOR WALL-R13	0.30	0.400	0.426	37.63	37.63	67.93	90.00	E
0NEWEXHIBITION_128810B4..FACE13	TYPICAL INSULATED STEEL FRAMED EXTERIOR WALL-R13	0.30	0.400	0.426	31.22	18.86	337.88	90.00	N
0NEWEXHIBITION_128810B4..FACE14	TYPICAL INSULATED STEEL FRAMED EXTERIOR WALL-R13	0.30	0.400	0.426	37.62	37.62	157.88	90.00	S
0NEWEXHIBITION_128810B4..FACE16	TYPICAL INSULATED STEEL FRAMED EXTERIOR WALL-R13	0.30	0.400	0.426	21.84	21.84	157.88	90.00	S
0NEWEXHIBITION_128810B4..FACE18	TYPICAL INSULATED STEEL FRAMED EXTERIOR WALL-R13	0.30	0.400	0.426	37.63	20.14	247.88	90.00	W
0NEWEXHIBITION_128810B4..FACE6	TYPICAL INSULATED STEEL FRAMED EXTERIOR WALL-R13	0.30	0.400	0.426	65.44	63.25	68.19	90.00	E
0NEWEXHIBITION_128810B4..FACE7	TYPICAL INSULATED STEEL FRAMED EXTERIOR WALL-R13	0.30	0.400	0.426	70.18	55.54	247.88	90.00	W
0NEWEXHIBITION_128810B4..FACE9	TYPICAL INSULATED STEEL FRAMED EXTERIOR WALL-R13	0.30	0.400	0.426	61.51	50.51	337.50	90.00	N
0NEWEXHIBITION_128810B4..FACE15	TYPICAL INSULATED STEEL FRAMED EXTERIOR FLOOR-R27	0.30	0.205	0.214	233.86	233.86	247.93	180.00	
0NEWEXHIBITION_128810B4..FACE17	TYPICAL INSULATED STEEL FRAMED EXTERIOR FLOOR-R27	0.30	0.205	0.214	4.60	4.60	337.88	180.00	
0NEWEXHIBITION_128810B4..FACE8	TYPICAL IEAD ROOF - HIGHLY REFLECTIVE-R26	0.55	0.209	0.216	89.67	89.67	157.88	0.00	
0TOILET_432F975C..FACE4	TYPICAL INSULATED EXTERIOR MASS WALL-R9	0.30	0.605	0.665	14.17	12.23	337.88	90.00	N
0TOILET_432F975C..FACE5	TYPICAL INSULATED EXTERIOR MASS FLOOR-R14	0.30	0.390	0.421	18.61	18.61	337.88	180.00	
1CORRIDOR_1912BE3C..FACE11	TYPICAL INSULATED EXTERIOR MASS WALL-R9	0.30	0.605	0.665	14.48	6.70	248.04	90.00	W
1CORRIDOR_1912BE3C..FACE12	TYPICAL INSULATED EXTERIOR MASS WALL-R9	0.30	0.605	0.665	4.04	4.04	68.04	90.00	E
1CORRIDOR_1912BE3C..FACE10	TYPICAL IEAD ROOF - HIGHLY REFLECTIVE-R26	0.55	0.209	0.216	2.56	2.56	157.39	28.05	
1CORRIDOR_1912BE3C..FACE6	TYPICAL IEAD ROOF - HIGHLY REFLECTIVE-R26	0.55	0.209	0.216	1.61	1.61	248.04	22.40	
1CORRIDOR_1912BE3C..FACE7	TYPICAL IEAD ROOF - HIGHLY REFLECTIVE-R26	0.55	0.209	0.216	2.70	2.70	337.39	27.55	
1CORRIDOR_1912BE3C..FACE8	TYPICAL IEAD ROOF - HIGHLY REFLECTIVE-R26	0.55	0.209	0.216	8.16	8.16	68.04	22.40	
1CORRIDOR_1912BE3C..FACE9	TYPICAL IEAD ROOF - HIGHLY REFLECTIVE-R26	0.55	0.209	0.216	1.37	1.37	248.04	22.40	
1MEETING1_2C8681BC..FACE6	TYPICAL INSULATED EXTERIOR MASS WALL-R9	0.30	0.605	0.665	24.48	20.79	157.39	90.00	S
1MEETING1_2C8681BC..FACE7	TYPICAL INSULATED EXTERIOR MASS WALL-R9	0.30	0.605	0.665	26.68	23.38	248.04	90.00	W
1MEETING1_2C8681BC..FACE8	TYPICAL INSULATED EXTERIOR MASS WALL-R9	0.30	0.605	0.665	18.34	18.34	68.04	90.00	E
1MEETING1_2C8681BC..FACE3	TYPICAL IEAD ROOF - HIGHLY REFLECTIVE-R26	0.55	0.209	0.216	17.14	17.14	68.04	22.40	
1MEETING1_2C8681BC..FACE4	TYPICAL IEAD ROOF - HIGHLY REFLECTIVE-R26	0.55	0.209	0.216	16.69	16.69	248.04	22.40	
1MEETING1_2C8681BC..FACE5	TYPICAL IEAD ROOF - HIGHLY REFLECTIVE-R26	0.55	0.209	0.216	0.24	0.24	157.39	28.05	
1MEETING2_E9142AA8..FACE3	TYPICAL INSULATED EXTERIOR MASS WALL-R9	0.30	0.605	0.665	24.48	20.79	337.39	90.00	N
1MEETING2_E9142AA8..FACE7	TYPICAL INSULATED EXTERIOR MASS WALL-R9	0.30	0.605	0.665	26.13	22.82	248.04	90.00	W
1MEETING2_E9142AA8..FACE8	TYPICAL INSULATED EXTERIOR MASS WALL-R9	0.30	0.605	0.665	18.67	18.67	68.04	90.00	E
1MEETING2_E9142AA8..FACE4	TYPICAL IEAD ROOF - HIGHLY REFLECTIVE-R26	0.55	0.209	0.216	16.53	16.53	248.04	22.40	
1MEETING2_E9142AA8..FACE5	TYPICAL IEAD ROOF - HIGHLY REFLECTIVE-R26	0.55	0.209	0.216	17.04	17.04	68.04	22.40	
1MEETING2_E9142AA8..FACE6	TYPICAL IEAD ROOF - HIGHLY REFLECTIVE-R26	0.55	0.209	0.216	0.14	0.14	337.39	27.55	
1NEWEXHIBITION_0D263255..FACE11	TYPICAL INSULATED STEEL FRAMED EXTERIOR WALL-R13	0.30	0.400	0.426	66.79	66.79	337.88	90.00	N
1NEWEXHIBITION_0D263255..FACE6	TYPICAL INSULATED STEEL FRAMED EXTERIOR WALL-R13	0.30	0.400	0.426	23.37	15.57	157.88	90.00	S
1NEWEXHIBITION_0D263255..FACE7	TYPICAL INSULATED STEEL FRAMED EXTERIOR WALL-R13	0.30	0.400	0.426	40.25	40.25	247.88	90.00	W
1NEWEXHIBITION_0D263255..FACE8	TYPICAL INSULATED STEEL FRAMED EXTERIOR WALL-R13	0.30	0.400	0.426	40.25	40.25	67.93	90.00	E
1NEWEXHIBITION_0D263255..FACE9	TYPICAL INSULATED STEEL FRAMED EXTERIOR WALL-R13	0.30	0.400	0.426	51.57	34.34	157.88	90.00	S
1NEWEXHIBITION_0D263255..FACE10	TYPICAL IEAD ROOF - HIGHLY REFLECTIVE-R26	0.55	0.209	0.216	157.72	157.72	157.88	0.00	
1ROOFHALL_EB42798A..FACE10	TYPICAL INSULATED EXTERIOR MASS WALL-R9	0.30	0.605	0.665	9.31	9.31	337.88	90.00	N
1ROOFHALL_EB42798A..FACE11	TYPICAL INSULATED EXTERIOR MASS WALL-R9	0.30	0.605	0.665	22.63	21.07	67.88	90.00	E
1ROOFHALL_EB42798A..FACE9	TYPICAL INSULATED EXTERIOR MASS WALL-R9	0.30	0.605	0.665	9.34	9.34	157.88	90.00	S
1ROOFHALL_EB42798A..FACE7	TYPICAL IEAD ROOF - HIGHLY REFLECTIVE-R26	0.55	0.209	0.216	63.95	63.95	157.88	21.10	
1ROOFHALL_EB42798A..FACE8	TYPICAL IEAD ROOF - HIGHLY REFLECTIVE-R26	0.55	0.209	0.216	63.85	63.85	337.88	21.10	
STAIRELEVATOR_69E04841..FACE6	TYPICAL INSULATED STEEL FRAMED EXTERIOR WALL-R13	0.30	0.400	0.426	26.34	21.82	157.88	90.00	S
STAIRELEVATOR_69E04841..FACE7	TYPICAL INSULATED STEEL FRAMED EXTERIOR FLOOR-R27	0.30	0.205	0.214	10.74	10.74	337.88	180.00	
STAIRELEVATOR_69E04841..FACE8	TYPICAL IEAD ROOF - HIGHLY REFLECTIVE-R26	0.55	0.209	0.216	10.74	10.74	157.88	0.00	
TOILET_85110BD6..FACE4	TYPICAL INSULATED STEEL FRAMED EXTERIOR WALL-R13	0.30	0.400	0.426	10.58	10.58	157.88	90.00	S
TOILET_85110BD6..FACE5	TYPICAL INSULATED STEEL FRAMED EXTERIOR FLOOR-R27	0.30	0.205	0.214	8.93	8.93	337.88	180.00	

Opaque Interior

	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
0BACKENTRANCE_9AE59250..FACE0	GENERIC INTERIOR WALL	0.50	1.824	3.240	1.27	1.27	247.88	90.00	W
0BACKENTRANCE_9AE59250..FACE1	GENERIC INTERIOR WALL	0.50	1.824	3.240	25.65	25.65	247.88	90.00	W
0CORRIDOR_EDEEBCE2..FACE1	GENERIC INTERIOR WALL	0.50	1.824	3.240	8.21	8.21	68.04	90.00	E
0CORRIDOR_EDEEBCE2..FACE2	GENERIC INTERIOR WALL	0.50	1.824	3.240	18.20	18.20	338.04	90.00	N
0CORRIDOR_EDEEBCE2..FACE3	GENERIC INTERIOR WALL	0.50	1.824	3.240	18.20	18.20	158.04	90.00	S
0CORRIDOR_EDEEBCE2..FACE0	GENERIC INTERIOR CEILING	0.20	1.030	1.425	11.72	11.72	158.04	0.00	
0ENTRANCE_8D564AA4..FACE0	GENERIC INTERIOR WALL	0.50	1.824	3.240	14.21	14.21	337.88	90.00	N

0ENTRANCE_8D564AA4..FACE1	GENERIC INTERIOR WALL	0.50	1.824	3.240	16.83	16.83	248.04	90.00	W
0ENTRANCE_8D564AA4..FACE3	GENERIC INTERIOR WALL	0.50	1.824	3.240	25.04	25.04	67.88	90.00	E
0ENTRANCE_8D564AA4..FACE4	GENERIC INTERIOR WALL	0.50	1.824	3.240	8.21	8.21	248.04	90.00	W
0ENTRANCE_8D564AA4..FACE2	GENERIC INTERIOR CEILING	0.20	1.030	1.425	27.98	27.98	157.88	0.00	
0EXHIBITION_CB19CE0A..FACE0	GENERIC INTERIOR WALL	0.50	1.824	3.240	25.65	25.65	67.88	90.00	E
0EXHIBITION_CB19CE0A..FACE1	GENERIC INTERIOR WALL	0.50	1.824	3.240	25.04	25.04	247.88	90.00	W
0EXHIBITION_CB19CE0A..FACE2	GENERIC INTERIOR WALL	0.50	1.824	3.240	16.72	16.72	247.88	90.00	W
0EXHIBITION_CB19CE0A..FACE3	GENERIC INTERIOR CEILING	0.20	1.030	1.425	72.64	72.64	157.88	0.00	
0MEETING1_A799E90A..FACE0	GENERIC INTERIOR WALL	0.50	1.824	3.240	18.20	18.20	338.04	90.00	N
0MEETING1_A799E90A..FACE3	GENERIC INTERIOR WALL	0.50	1.824	3.240	16.83	16.83	68.04	90.00	E
0MEETING1_A799E90A..FACE1	GENERIC INTERIOR CEILING	0.20	1.030	1.425	1.35	1.35	158.04	0.00	
0MEETING1_A799E90A..FACE2	GENERIC INTERIOR CEILING	0.20	1.030	1.425	31.49	31.49	157.39	0.00	
0MEETING2_EF43A7B7..FACE0	GENERIC INTERIOR WALL	0.50	1.824	3.240	18.20	18.20	158.04	90.00	S
0MEETING2_EF43A7B7..FACE3	GENERIC INTERIOR WALL	0.50	1.824	3.240	16.72	16.72	68.04	90.00	E
0MEETING2_EF43A7B7..FACE1	GENERIC INTERIOR CEILING	0.20	1.030	1.425	1.88	1.88	158.04	0.00	
0MEETING2_EF43A7B7..FACE2	GENERIC INTERIOR CEILING	0.20	1.030	1.425	31.17	31.17	158.04	0.00	
0NEWEXHIBITION_128810B4..FACE0	GENERIC INTERIOR WALL	0.50	1.824	3.240	15.61	15.61	67.88	90.00	E
0NEWEXHIBITION_128810B4..FACE1	GENERIC INTERIOR WALL	0.50	1.824	3.240	12.73	12.73	157.88	90.00	S
0NEWEXHIBITION_128810B4..FACE2	GENERIC INTERIOR WALL	0.50	1.824	3.240	15.61	15.61	247.88	90.00	W
0NEWEXHIBITION_128810B4..FACE3	GENERIC INTERIOR WALL	0.50	1.824	3.240	10.58	10.58	157.88	90.00	S
0NEWEXHIBITION_128810B4..FACE4	GENERIC INTERIOR WALL	0.50	1.824	3.240	21.79	21.79	157.88	90.00	S
0NEWEXHIBITION_128810B4..FACE5	GENERIC INTERIOR CEILING	0.20	1.030	1.425	148.80	148.80	157.88	0.00	
0TOILET_432F975C..FACE0	GENERIC INTERIOR WALL	0.50	1.824	3.240	16.72	16.72	248.04	90.00	W
0TOILET_432F975C..FACE2	GENERIC INTERIOR WALL	0.50	1.824	3.240	16.72	16.72	67.88	90.00	E
0TOILET_432F975C..FACE3	GENERIC INTERIOR WALL	0.50	1.824	3.240	14.21	14.21	157.88	90.00	S
0TOILET_432F975C..FACE1	GENERIC INTERIOR CEILING	0.20	1.030	1.425	18.61	18.61	157.88	0.00	
1CORRIDOR_1912BE3C..FACE0	GENERIC INTERIOR WALL	0.50	1.824	3.240	24.59	24.59	158.04	90.00	S
1CORRIDOR_1912BE3C..FACE1	GENERIC INTERIOR WALL	0.50	1.824	3.240	24.54	24.54	338.04	90.00	N
1CORRIDOR_1912BE3C..FACE4	GENERIC INTERIOR WALL	0.50	1.824	3.240	8.47	8.47	68.04	90.00	E
1CORRIDOR_1912BE3C..FACE2	GENERIC INTERIOR FLOOR	0.80	1.030	1.425	1.88	1.88	338.04	180.00	
1CORRIDOR_1912BE3C..FACE3	GENERIC INTERIOR FLOOR	0.80	1.030	1.425	1.35	1.35	338.04	180.00	
1CORRIDOR_1912BE3C..FACE5	GENERIC INTERIOR FLOOR	0.80	1.030	1.425	11.72	11.72	338.04	180.00	
1MEETING1_2C8681BC..FACE1	GENERIC INTERIOR WALL	0.50	1.824	3.240	7.89	7.89	68.04	90.00	E
1MEETING1_2C8681BC..FACE2	GENERIC INTERIOR WALL	0.50	1.824	3.240	24.59	24.59	338.04	90.00	N
1MEETING1_2C8681BC..FACE0	GENERIC INTERIOR FLOOR	0.80	1.030	1.425	31.49	31.49	337.39	180.00	
1MEETING2_E9142AA8..FACE1	GENERIC INTERIOR WALL	0.50	1.824	3.240	7.54	7.54	68.04	90.00	E
1MEETING2_E9142AA8..FACE2	GENERIC INTERIOR WALL	0.50	1.824	3.240	24.54	24.54	158.04	90.00	S
1MEETING2_E9142AA8..FACE0	GENERIC INTERIOR FLOOR	0.80	1.030	1.425	31.17	31.17	338.04	180.00	
1NEWEXHIBITION_0D263255..FACE0	GENERIC INTERIOR WALL	0.50	1.824	3.240	21.79	21.79	337.88	90.00	N
1NEWEXHIBITION_0D263255..FACE2	GENERIC INTERIOR WALL	0.50	1.824	3.240	16.70	16.70	247.88	90.00	W
1NEWEXHIBITION_0D263255..FACE3	GENERIC INTERIOR WALL	0.50	1.824	3.240	13.62	13.62	157.88	90.00	S
1NEWEXHIBITION_0D263255..FACE4	GENERIC INTERIOR WALL	0.50	1.824	3.240	16.70	16.70	67.88	90.00	E
1NEWEXHIBITION_0D263255..FACE1	GENERIC INTERIOR FLOOR	0.80	1.030	1.425	148.80	148.80	337.88	180.00	
1NEWEXHIBITION_0D263255..FACE5	GENERIC INTERIOR FLOOR	0.80	1.030	1.425	8.93	8.93	337.88	180.00	
1ROOFHALL_EB42798A..FACE1	GENERIC INTERIOR WALL	0.50	1.824	3.240	1.27	1.27	67.88	90.00	E
1ROOFHALL_EB42798A..FACE2	GENERIC INTERIOR WALL	0.50	1.824	3.240	8.47	8.47	248.04	90.00	W
1ROOFHALL_EB42798A..FACE3	GENERIC INTERIOR WALL	0.50	1.824	3.240	7.89	7.89	248.04	90.00	W
1ROOFHALL_EB42798A..FACE4	GENERIC INTERIOR WALL	0.50	1.824	3.240	7.54	7.54	248.04	90.00	W
1ROOFHALL_EB42798A..FACE0	GENERIC INTERIOR FLOOR	0.80	1.030	1.425	72.64	72.64	337.88	180.00	
1ROOFHALL_EB42798A..FACE5	GENERIC INTERIOR FLOOR	0.80	1.030	1.425	27.98	27.98	337.88	180.00	
1ROOFHALL_EB42798A..FACE6	GENERIC INTERIOR FLOOR	0.80	1.030	1.425	18.61	18.61	337.88	180.00	
STAIRELEVATOR_69E04841..FACE0	GENERIC INTERIOR WALL	0.50	1.824	3.240	15.61	15.61	67.88	90.00	E
STAIRELEVATOR_69E04841..FACE1	GENERIC INTERIOR WALL	0.50	1.824	3.240	13.62	13.62	337.88	90.00	N
STAIRELEVATOR_69E04841..FACE2	GENERIC INTERIOR WALL	0.50	1.824	3.240	16.70	16.70	247.88	90.00	W
STAIRELEVATOR_69E04841..FACE3	GENERIC INTERIOR WALL	0.50	1.824	3.240	16.70	16.70	67.88	90.00	E
STAIRELEVATOR_69E04841..FACE4	GENERIC INTERIOR WALL	0.50	1.824	3.240	12.73	12.73	337.88	90.00	N
STAIRELEVATOR_69E04841..FACE5	GENERIC INTERIOR WALL	0.50	1.824	3.240	15.61	15.61	247.88	90.00	W
TOILET_85110BD6..FACE1	GENERIC INTERIOR WALL	0.50	1.824	3.240	15.61	15.61	67.88	90.00	E
TOILET_85110BD6..FACE2	GENERIC INTERIOR WALL	0.50	1.824	3.240	10.58	10.58	337.88	90.00	N
TOILET_85110BD6..FACE3	GENERIC INTERIOR WALL	0.50	1.824	3.240	15.61	15.61	247.88	90.00	W
TOILET_85110BD6..FACE0	GENERIC INTERIOR CEILING	0.20	1.030	1.425	8.93	8.93	157.88	0.00	

Exterior Fenestration

	Construction	Frame and Divider	Glass Area [m2]	Frame Area [m2]	Divider Area [m2]	Area of One Opening [m2]	Area of Multiplied Openings [m2]	Glass U-Factor [W/m2-K]	Glass SHGC	Glass Visible Transmittance	Frame Conductance [W/m2-K]	Divider Conductance [W/m2-K]	NFRC Product Type	Assembly U-Factor [W/m2-K]	Assembly SHGC	Assembly Visible Transmittance	Shade Control	Parent Surface	Azimuth [deg]	Tilt [deg]	Cardinal Direction
APERTURE_897126C9	U 0.42 SHGC 0.25 SIMPLE GLAZING WINDOW		0.26	0.00	0.00	0.26	0.26	2.386	0.251	0.602							No	0BACKENTRANCE_9AE59250..FACE2	337.96	90.00	N
APERTURE_9D9C8B04	U 0.42 SHGC 0.25 SIMPLE GLAZING WINDOW		0.49	0.00	0.00	0.49	0.49	2.386	0.251	0.602							No	0BACKENTRANCE_9AE59250..FACE3	157.96	90.00	S
DOOR_883BA875	U 0.60 SHGC 0.25 DBL 2.5MM AIR		3.34	0.00	0.00	3.34	3.34	3.511	0.227	0.284							No	0BACKENTRANCE_9AE59250..FACE5	67.88	90.00	E
APERTURE_DC8FA275	U 0.42 SHGC 0.25 SIMPLE GLAZING WINDOW		0.90	0.00	0.00	0.90	0.90	2.386	0.251	0.602							No	0ENTRANCE_8D564AA4..FACE6	157.88	90.00	S
APERTURE_1EB761DE	U 0.42 SHGC 0.25 SIMPLE GLAZING WINDOW		1.94	0.00	0.00	1.94	1.94	2.386	0.251	0.602							No	0EXHIBITION_CB19CE0A..FACE5	157.88	90.00	S
APERTURE_4BBE439D	U 0.42 SHGC 0.25 SIMPLE GLAZING WINDOW		1.94	0.00	0.00	1.94	1.94	2.386	0.251	0.602							No	0EXHIBITION_CB19CE0A..FACE5	157.88	90.00	S
APERTURE_0ACB5CBE	U 0.42 SHGC 0.25 SIMPLE GLAZING WINDOW		1.94	0.00	0.00	1.94	1.94	2.386	0.251	0.602							No	0EXHIBITION_CB19CE0A..FACE6	337.88	90.00	N
APERTURE_B5ABA8EF	U 0.42 SHGC 0.25 SIMPLE GLAZING WINDOW		1.94	0.00	0.00	1.94	1.94	2.386	0.251	0.602							No	0EXHIBITION_CB19CE0A..FACE6	337.88	90.00	N
APERTURE_12C187FB	U 0.42 SHGC 0.25 SIMPLE GLAZING WINDOW		1.94	0.00	0.00	1.94	1.94	2.386	0.251	0.602							No	0MEETING1_A799E90A..FACE5	157.39	90.00	S
APERTURE_9A80D055	U 0.42 SHGC 0.25 SIMPLE GLAZING		1.94	0.00	0.00	1.94	1.94	2.386	0.251	0.602							No	0MEETING1_A799E90A..FACE5	157.39	90.00	S

DOOR_3DD874F6	TYPICAL INSULATED METAL DOOR-R3	1.475	1.893	2.74	0ENTRANCE_8D564AA4..FACE6
DOOR_433F4221	TYPICAL INSULATED METAL DOOR-R3	1.475	1.893	3.93	1CORRIDOR_1912BE3C..FACE11

Interior Door

	Construction	U-Factor with Film [W/m2-K]	U-Factor no Film [W/m2-K]	Gross Area [m2]	Parent Surface
None					

Report: **Shading Summary**

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For: **Entire Facility**

Timestamp: **2022-06-08 11:37:03**

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
APERTURE_897126C9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APERTURE_9D9C8B04	0.00	0.66	0.00	0.00	1.00	0.00	1.00	0.10	0.00
DOOR_883BA875	0.00	0.00	0.00	0.34	0.00	0.00	0.00	0.00	0.00
APERTURE_DC8FA275	1.00	1.00	0.00	1.00	1.00	0.00	1.00	0.86	0.00
APERTURE_1EB761DE	1.00	1.00	1.00	1.00	1.00	0.88	1.00	1.00	1.00
APERTURE_4BBE439D	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
APERTURE_0ACB5CBE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APERTURE_B5ABA8EF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APERTURE_12C187FB	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
APERTURE_9A80D055	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
APERTURE_5552F9BC	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00
APERTURE_6DB0B6E2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APERTURE_ECBF6220	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APERTURE_86CF3611	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00
APERTURE_EA571A23	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00
NON-OPERABLE_10_315456E5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APERTURE_2557E743	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00
DOOR_564BD783	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00
NON-OPERABLE_8_422D90D1	1.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00
NON-OPERABLE_9_4A065DC3	1.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00
OPERABLE30_4_E609A276	0.00	0.98	1.00	0.00	1.00	1.00	0.00	0.27	0.80
APERTURE_3A7B9D3A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APERTURE_9A550C3F	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OPERABLE30_5_226F867B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APERTURE_6BB2D6F4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NON-OPERABLE_1_14BC60D5..0	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00
NON-OPERABLE_1_14BC60D5..1	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00
NON-OPERABLE_1_14BC60D5..2	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00
APERTURE_5DEF0DA7	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
APERTURE_DDC2D3E5	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
NON-OPERABLE_2_937A9582	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
NON-OPERABLE_3_A68E6A68	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
NON-OPERABLE_4_1A92291C	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
APERTURE_94043211	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00
APERTURE_C67AB8A7	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00
APERTURE_4E158398	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APERTURE_8337C338	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NON-OPERABLE_5_56E0B7D9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NON-OPERABLE_6_13D4BF93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NON-OPERABLE_7_9263D4CD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APERTURE_026525B2	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00
APERTURE_C54868E6	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00
OPERABLE30_1_150447F8	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
OPERABLE30_3_C952E98D	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
APERTURE_3B782785	0.36	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00
APERTURE_72EFC272	0.36	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
APERTURE_BB14F819	0.36	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00
OPERABLE30_2_156EA5D4	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Window Control

	Name	Type	Shaded Construction	Control	Glare Control
None					

Report: **Lighting Summary**

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For: **Entire Facility**

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Interior Lighting

	Zone Name	Space Name	Space Type	Lighting Power Density [W/m2]	Space Area [m2]	Total Power [W]	End Use Subcategory	Schedule Name	Scheduled Hours/Week [hr]	Hours/Week > 1% [hr]	Full Load Hours/Week [hr]	Return Air Fraction	Conditioned (Y/N)	Consumption [GJ]
0EXHIBITION_CB19CE0A 2019::PRIMARYSCHOOL::CLASSROOM_LIGHTING	0EXHIBITION_CB19CE0A	0EXHIBITION_CB19CE0A	GENERAL	7.6424	72.64	555.13	General	SCHOOLPRIMARY BLDG_LIGHT_CLASSROOM_SCH_2013	60.68	168.00	60.68	0.0000	Y	6.32
0MEETING1_A799E90A 2019::PRIMARYSCHOOL::CLASSROOM_LIGHTING	0MEETING1_A799E90A	0MEETING1_A799E90A	GENERAL	7.6424	32.83	250.92	General	SCHOOLPRIMARY BLDG_LIGHT_CLASSROOM_SCH_2013	60.68	168.00	60.68	0.0000	Y	2.86
0MEETING2_EF43A7B7 2019::PRIMARYSCHOOL::CLASSROOM_LIGHTING	0MEETING2_EF43A7B7	0MEETING2_EF43A7B7	GENERAL	7.6424	33.04	252.52	General	SCHOOLPRIMARY BLDG_LIGHT_CLASSROOM_SCH_2013	60.68	168.00	60.68	0.0000	Y	2.88
0NEWEXHIBITION_128810B4 2019::PRIMARYSCHOOL::CLASSROOM_LIGHTING	0NEWEXHIBITION_128810B4	0NEWEXHIBITION_128810B4	GENERAL	7.6424	238.46	1822.41	General	SCHOOLPRIMARY BLDG_LIGHT_CLASSROOM_SCH_2013	60.68	168.00	60.68	0.0000	Y	20.76

1MEETING1_2C8681BC 2019::PRIMARYSCHOOL::CLASSROOM_LIGHTING	1MEETING1_2C8681BC	1MEETING1_2C8681BC	GENERAL	7.6424	31.49	240.64	General	SCHOOLPRIMARY BLDG_LIGHT_CLASSROOM_SCH_2013	60.68	168.00	60.68	0.0000	Y	2.74
1MEETING2_E9142AA8 2019::PRIMARYSCHOOL::CLASSROOM_LIGHTING	1MEETING2_E9142AA8	1MEETING2_E9142AA8	GENERAL	7.6424	31.17	238.18	General	SCHOOLPRIMARY BLDG_LIGHT_CLASSROOM_SCH_2013	60.68	168.00	60.68	0.0000	Y	2.71
1NEWEXIBITION_0D263255 2019::PRIMARYSCHOOL::CLASSROOM_LIGHTING	1NEWEXIBITION_0D263255	1NEWEXIBITION_0D263255	GENERAL	7.6424	157.72	1205.39	General	SCHOOLPRIMARY BLDG_LIGHT_CLASSROOM_SCH_2013	60.68	168.00	60.68	0.0000	Y	13.73
0BACKENTRANCE_9AE59250 2019::PRIMARYSCHOOL::CORRIDOR_LIGHTING	0BACKENTRANCE_9AE59250	0BACKENTRANCE_9AE59250	GENERAL	4.4132	10.12	44.67	General	SCHOOLPRIMARY BLDG_LIGHT_CORRIDOR_SCH_2013	58.25	168.00	58.25	0.0000	Y	0.49
0CORRIDOR_EDEEBCE2 2019::PRIMARYSCHOOL::CORRIDOR_LIGHTING	0CORRIDOR_EDEEBCE2	0CORRIDOR_EDEEBCE2	GENERAL	4.4132	11.72	51.74	General	SCHOOLPRIMARY BLDG_LIGHT_CORRIDOR_SCH_2013	58.25	168.00	58.25	0.0000	Y	0.57
0ENTRANCE_8D564AA4 2019::PRIMARYSCHOOL::CORRIDOR_LIGHTING	0ENTRANCE_8D564AA4	0ENTRANCE_8D564AA4	GENERAL	4.4132	27.98	123.50	General	SCHOOLPRIMARY BLDG_LIGHT_CORRIDOR_SCH_2013	58.25	168.00	58.25	0.0000	Y	1.35
1CORRIDOR_1912BE3C 2019::PRIMARYSCHOOL::CORRIDOR_LIGHTING	1CORRIDOR_1912BE3C	1CORRIDOR_1912BE3C	GENERAL	4.4132	14.95	65.97	General	SCHOOLPRIMARY BLDG_LIGHT_CORRIDOR_SCH_2013	58.25	168.00	58.25	0.0000	Y	0.72
STAIRELEVATOR_69E04841 2019::PRIMARYSCHOOL::CORRIDOR_LIGHTING	STAIRELEVATOR_69E04841	STAIRELEVATOR_69E04841	GENERAL	4.4132	10.74	47.42	General	SCHOOLPRIMARY BLDG_LIGHT_CORRIDOR_SCH_2013	58.25	168.00	58.25	0.0000	Y	0.52
1ROOFHALL_EB42798A 2019::PRIMARYSCHOOL::LOBBY_LIGHTING	1ROOFHALL_EB42798A	1ROOFHALL_EB42798A	GENERAL	9.0417	119.23	1078.08	General	SCHOOLPRIMARY BLDG_LIGHT_LOBBYFLR1_SCH_2013	77.32	168.00	77.32	0.0000	Y	15.65
0TOILET_432F975C 2019::PRIMARYSCHOOL::RESTROOM_LIGHTING	0TOILET_432F975C	0TOILET_432F975C	GENERAL	6.7813	18.61	126.21	General	SCHOOLPRIMARY BLDG_LIGHT_BATH_SCH_2013	60.40	168.00	60.40	0.0000	Y	1.43
TOILET_85110BD6 2019::PRIMARYSCHOOL::RESTROOM_LIGHTING	TOILET_85110BD6	TOILET_85110BD6	GENERAL	6.7813	8.93	60.56	General	SCHOOLPRIMARY BLDG_LIGHT_BATH_SCH_2013	60.40	168.00	60.40	0.0000	Y	0.69
Interior Lighting Total				7.5194	819.65	6163.34								73.41

Daylighting

Zone	Control Name	Daylighting Method	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 [GJ]
Exterior Lighting Total	0.00					0.00

Report: Equipment Summary

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Central Plant

Type	Reference Capacity [W]	Reference Efficiency [W/W]	Rated Capacity [W]	Rated 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 User [Btu/W-h]	SEER Standard [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 Electricity Rate [W]	Rated Power Per Max Air Flow Rate [W-s/m3]	Motor Heat In Air Fraction	Fan Energy Index	End Use Subcategory	Design Day Name for Fan Sizing Peak	Date/Time for Fan Sizing Peak
None										

Pumps

Type	Control	Head [pa]	Water Flow [m3/s]	Electricity Rate [W]	Power Per Water Flow Rate [W-s/m3]	Motor Efficiency [W/W]	End Use Subcategory	
SHW PUMP1	Pump:ConstantSpeed	Intermittent	29891.00	0.000009	0.37	42579.77	0.90	Water Systems

Service Water Heating

Type	Storage Volume [m3]	Input [W]	Thermal Efficiency [W/W]	Recovery Efficiency [W/W]	Energy Factor	
IDEAL SERVICE HOT WATER HEATER	WaterHeater:Mixed	0.00	1000000.00	1.00	868585.86	0.96

Report: HVAC Sizing Summary

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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/kgDryAir]	Outdoor Temperature at Peak Load [C]	Outdoor Humidity Ratio at Peak Load [kgWater/kgDryAir]	Minimum Outdoor Air Flow Rate [m3/s]	Heat Gain Rate from DOAS [W]
0EXHIBITION_CB19CE0A	0.00	0.00	0.00	0.000	TRIESTE ANN CLG .4% CONDNS DB=>MWB	7/21 17:10:00	50.00	46.02	0.06436	30.20	0.01463	0.137	0.00
0MEETING1_A799E90A	0.00	0.00	0.00	0.062	TRIESTE ANN CLG .4% CONDNS DB=>MWB	7/21 17:10:00	50.00	46.65	0.06117	30.20	0.01463	0.062	0.00

Average Outdoor Air During Occupancy by AirLoop

	Mechanical Ventilation [m3/s]	Natural Ventilation [m3/s]	Total Ventilation [m3/s]	Sum Zone Dynamic Target Ventilation - Voz-sum-dyn [m3/s]	Time Below Voz-sum-dyn [hr]	Time At Voz-sum-dyn [hr]	Time Above Voz-sum-dyn [hr]
None							

Outdoor Air Controller Limiting Factors by AirLoop

	No Limiting Factor [hr]	Limits and Scheduled Limits [hr]	Economizer [hr]	Exhaust Flow [hr]	Mixed Air Flow [hr]	High Humidity [hr]	Demand Controlled Ventilation [hr]	Night Ventilation [hr]	Demand Limiting [hr]	Energy Management System [hr]
None										

Average Outdoor Air for Limiting Factors During Occupancy

	No Limiting Factor [m3/s]	Limits and Scheduled Limits [m3/s]	Economizer [m3/s]	Exhaust Flow [m3/s]	Mixed Air Flow [m3/s]	High Humidity [m3/s]	Demand Controlled Ventilation [m3/s]	Night Ventilation [m3/s]	Demand Limiting [m3/s]	Energy Management System [m3/s]
None										

Report: Object Count Summary

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For: Entire Facility

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Surfaces by Class

	Total	Outdoors
Wall	92	44
Floor	21	11
Roof	27	17
Internal Mass	0	0
Building Detached Shading	0	0
Fixed Detached Shading	0	0
Window	48	48
Door	3	3
Glass Door	2	2
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	15
Unconditioned Zones	0
Supply Plenums	0
Return Plenums	0

Input Fields

	Count
IDF Objects	786
Defaulted Fields	692
Fields with Defaults	1995
Autosized Fields	80
Autosizable Fields	97
Autocalculated Fields	399
Autocalculatable Fields	429

Report: Energy Meters

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Annual and Peak Values - Electricity

	Electricity Annual Value [GJ]	Electricity Minimum Value [W]	Timestamp of Minimum {TIMESTAMP}	Electricity Maximum Value [W]	Timestamp of Maximum {TIMESTAMP}
Electricity:Facility	210.83	3780.50	01-JAN-00:10	12658.81	02-JAN-08:10
Electricity:Building	210.83	3780.50	01-JAN-00:10	12658.44	02-JAN-08:10
Electricity:Zone:0EXHIBITION_CB19CE0A	21.52	395.75	01-JAN-00:10	1295.37	02-JAN-08:10
Electricity:SpaceType:GENERAL	210.83	3780.50	01-JAN-00:10	12658.44	02-JAN-08:10
InteriorLights:Electricity	73.41	1092.76	01-JAN-00:10	5547.01	02-JAN-07:10
InteriorLights:Electricity:Zone:0EXHIBITION_CB19CE0A	6.32	98.42	01-JAN-00:10	499.61	02-JAN-07:10
InteriorLights:Electricity:SpaceType:GENERAL	73.41	1092.76	01-JAN-00:10	5547.01	02-JAN-07:10
General:InteriorLights:Electricity	73.41	1092.76	01-JAN-00:10	5547.01	02-JAN-07:10
General:InteriorLights:Electricity:Zone:0EXHIBITION_CB19CE0A	6.32	98.42	01-JAN-00:10	499.61	02-JAN-07:10
General:InteriorLights:Electricity:SpaceType:GENERAL	73.41	1092.76	01-JAN-00:10	5547.01	02-JAN-07:10
Electricity:Zone:0MEETING1_A799E90A	9.73	178.88	01-JAN-00:10	585.52	02-JAN-08:10
InteriorLights:Electricity:Zone:0MEETING1_A799E90A	2.86	44.49	01-JAN-00:10	225.83	02-JAN-07:10
General:InteriorLights:Electricity:Zone:0MEETING1_A799E90A	2.86	44.49	01-JAN-00:10	225.83	02-JAN-07:10
Electricity:Zone:0MEETING2_EF43A7B7	9.79	180.02	01-JAN-00:10	589.26	02-JAN-08:10
InteriorLights:Electricity:Zone:0MEETING2_EF43A7B7	2.88	44.77	01-JAN-00:10	227.27	02-JAN-07:10
General:InteriorLights:Electricity:Zone:0MEETING2_EF43A7B7	2.88	44.77	01-JAN-00:10	227.27	02-JAN-07:10
Electricity:Zone:0NEWEXHIBITION_128810B4	70.66	1299.18	01-JAN-00:10	4252.53	02-JAN-08:10

InteriorLights:Electricity:Zone:0NEWEXHIBITION_128810B4	20.76	323.11	01-JAN-00:10	1640.17	02-JAN-07:10
General:InteriorLights:Electricity:Zone:0NEWEXHIBITION_128810B4	20.76	323.11	01-JAN-00:10	1640.17	02-JAN-07:10
Electricity:Zone:1MEETING1_2C8681BC	9.33	171.55	01-JAN-00:10	561.52	02-JAN-08:10
InteriorLights:Electricity:Zone:1MEETING1_2C8681BC	2.74	42.67	01-JAN-00:10	216.57	02-JAN-07:10
General:InteriorLights:Electricity:Zone:1MEETING1_2C8681BC	2.74	42.67	01-JAN-00:10	216.57	02-JAN-07:10
Electricity:Zone:1MEETING2_E9142AA8	9.24	169.80	01-JAN-00:10	555.78	02-JAN-08:10
InteriorLights:Electricity:Zone:1MEETING2_E9142AA8	2.71	42.23	01-JAN-00:10	214.36	02-JAN-07:10
General:InteriorLights:Electricity:Zone:1MEETING2_E9142AA8	2.71	42.23	01-JAN-00:10	214.36	02-JAN-07:10
Electricity:Zone:1NEWEXIBITION_0D263255	46.74	859.32	01-JAN-00:10	2812.75	02-JAN-08:10
InteriorLights:Electricity:Zone:1NEWEXIBITION_0D263255	13.73	213.72	01-JAN-00:10	1084.85	02-JAN-07:10
General:InteriorLights:Electricity:Zone:1NEWEXIBITION_0D263255	13.73	213.72	01-JAN-00:10	1084.85	02-JAN-07:10
Electricity:Zone:0BACKENTRANCE_9AE59250	1.05	18.97	01-JAN-00:10	60.85	02-JAN-08:10
InteriorLights:Electricity:Zone:0BACKENTRANCE_9AE59250	0.49	7.92	01-JAN-00:10	40.21	02-JAN-07:10
General:InteriorLights:Electricity:Zone:0BACKENTRANCE_9AE59250	0.49	7.92	01-JAN-00:10	40.21	02-JAN-07:10
Electricity:Zone:0CORRIDOR_EDEEBCE2	1.22	21.97	01-JAN-00:10	70.48	02-JAN-08:10
InteriorLights:Electricity:Zone:0CORRIDOR_EDEEBCE2	0.57	9.17	01-JAN-00:10	46.57	02-JAN-07:10
General:InteriorLights:Electricity:Zone:0CORRIDOR_EDEEBCE2	0.57	9.17	01-JAN-00:10	46.57	02-JAN-07:10
Electricity:Zone:0ENTRANCE_8D564AA4	2.91	52.44	01-JAN-00:10	168.22	02-JAN-08:10
InteriorLights:Electricity:Zone:0ENTRANCE_8D564AA4	1.35	21.90	01-JAN-00:10	111.15	02-JAN-07:10
General:InteriorLights:Electricity:Zone:0ENTRANCE_8D564AA4	1.35	21.90	01-JAN-00:10	111.15	02-JAN-07:10
Electricity:Zone:1CORRIDOR_1912BE3C	1.56	28.01	01-JAN-00:10	89.85	02-JAN-08:10
InteriorLights:Electricity:Zone:1CORRIDOR_1912BE3C	0.72	11.70	01-JAN-00:10	59.37	02-JAN-07:10
General:InteriorLights:Electricity:Zone:1CORRIDOR_1912BE3C	0.72	11.70	01-JAN-00:10	59.37	02-JAN-07:10
Electricity:Zone:STAIRELEVATOR_69E04841	1.12	20.14	01-JAN-00:10	64.59	02-JAN-08:10
InteriorLights:Electricity:Zone:STAIRELEVATOR_69E04841	0.52	8.41	01-JAN-00:10	42.68	02-JAN-07:10
General:InteriorLights:Electricity:Zone:STAIRELEVATOR_69E04841	0.52	8.41	01-JAN-00:10	42.68	02-JAN-07:10
Electricity:Zone:1ROOFHALL_EB42798A	22.30	321.29	01-JAN-00:10	1343.40	02-JAN-08:10
InteriorLights:Electricity:Zone:1ROOFHALL_EB42798A	15.65	191.14	01-JAN-00:10	970.27	02-JAN-07:10
General:InteriorLights:Electricity:Zone:1ROOFHALL_EB42798A	15.65	191.14	01-JAN-00:10	970.27	02-JAN-07:10
Electricity:Zone:0TOILET_432F975C	2.47	42.69	01-JAN-00:10	140.79	02-JAN-08:10
InteriorLights:Electricity:Zone:0TOILET_432F975C	1.43	22.38	01-JAN-00:10	113.59	02-JAN-07:10
General:InteriorLights:Electricity:Zone:0TOILET_432F975C	1.43	22.38	01-JAN-00:10	113.59	02-JAN-07:10
Electricity:Zone:TOILET_85110BD6	1.18	20.48	01-JAN-00:10	67.55	02-JAN-08:10
InteriorLights:Electricity:Zone:TOILET_85110BD6	0.69	10.74	01-JAN-00:10	54.50	02-JAN-07:10
General:InteriorLights:Electricity:Zone:TOILET_85110BD6	0.69	10.74	01-JAN-00:10	54.50	02-JAN-07:10
InteriorEquipment:Electricity	137.42	2687.74	01-JAN-00:10	8707.52	02-JAN-08:10
InteriorEquipment:Electricity:Zone:0EXHIBITION_CB19CE0A	15.20	297.32	01-JAN-00:10	963.24	02-JAN-08:10
InteriorEquipment:Electricity:SpaceType:GENERAL	137.42	2687.74	01-JAN-00:10	8707.52	02-JAN-08:10
Electric Equipment:InteriorEquipment:Electricity	137.42	2687.74	01-JAN-00:10	8707.52	02-JAN-08:10
Electric Equipment:InteriorEquipment:Electricity:Zone:0EXHIBITION_CB19CE0A	15.20	297.32	01-JAN-00:10	963.24	02-JAN-08:10
Electric Equipment:InteriorEquipment:Electricity:SpaceType:GENERAL	137.42	2687.74	01-JAN-00:10	8707.52	02-JAN-08:10
InteriorEquipment:Electricity:Zone:0MEETING1_A799E90A	6.87	134.39	01-JAN-00:10	435.40	02-JAN-08:10
Electric Equipment:InteriorEquipment:Electricity:Zone:0MEETING1_A799E90A	6.87	134.39	01-JAN-00:10	435.40	02-JAN-08:10
InteriorEquipment:Electricity:Zone:0MEETING2_EF43A7B7	6.92	135.25	01-JAN-00:10	438.17	02-JAN-08:10
Electric Equipment:InteriorEquipment:Electricity:Zone:0MEETING2_EF43A7B7	6.92	135.25	01-JAN-00:10	438.17	02-JAN-08:10
InteriorEquipment:Electricity:Zone:0NEWEXHIBITION_128810B4	49.90	976.07	01-JAN-00:10	3162.20	02-JAN-08:10
Electric Equipment:InteriorEquipment:Electricity:Zone:0NEWEXHIBITION_128810B4	49.90	976.07	01-JAN-00:10	3162.20	02-JAN-08:10
InteriorEquipment:Electricity:Zone:1MEETING1_2C8681BC	6.59	128.88	01-JAN-00:10	417.55	02-JAN-08:10
Electric Equipment:InteriorEquipment:Electricity:Zone:1MEETING1_2C8681BC	6.59	128.88	01-JAN-00:10	417.55	02-JAN-08:10
InteriorEquipment:Electricity:Zone:1MEETING2_E9142AA8	6.52	127.57	01-JAN-00:10	413.28	02-JAN-08:10
Electric Equipment:InteriorEquipment:Electricity:Zone:1MEETING2_E9142AA8	6.52	127.57	01-JAN-00:10	413.28	02-JAN-08:10
InteriorEquipment:Electricity:Zone:1NEWEXIBITION_0D263255	33.01	645.60	01-JAN-00:10	2091.57	02-JAN-08:10
Electric Equipment:InteriorEquipment:Electricity:Zone:1NEWEXIBITION_0D263255	33.01	645.60	01-JAN-00:10	2091.57	02-JAN-08:10
InteriorEquipment:Electricity:Zone:0BACKENTRANCE_9AE59250	0.56	11.05	01-JAN-00:10	35.80	02-JAN-08:10
Electric Equipment:InteriorEquipment:Electricity:Zone:0BACKENTRANCE_9AE59250	0.56	11.05	01-JAN-00:10	35.80	02-JAN-08:10
InteriorEquipment:Electricity:Zone:0CORRIDOR_EDEEBCE2	0.65	12.80	01-JAN-00:10	41.46	02-JAN-08:10
Electric Equipment:InteriorEquipment:Electricity:Zone:0CORRIDOR_EDEEBCE2	0.65	12.80	01-JAN-00:10	41.46	02-JAN-08:10
InteriorEquipment:Electricity:Zone:0ENTRANCE_8D564AA4	1.56	30.55	01-JAN-00:10	98.96	02-JAN-08:10
Electric Equipment:InteriorEquipment:Electricity:Zone:0ENTRANCE_8D564AA4	1.56	30.55	01-JAN-00:10	98.96	02-JAN-08:10
InteriorEquipment:Electricity:Zone:1CORRIDOR_1912BE3C	0.83	16.32	01-JAN-00:10	52.86	02-JAN-08:10
Electric Equipment:InteriorEquipment:Electricity:Zone:1CORRIDOR_1912BE3C	0.83	16.32	01-JAN-00:10	52.86	02-JAN-08:10
InteriorEquipment:Electricity:Zone:STAIRELEVATOR_69E04841	0.60	11.73	01-JAN-00:10	38.00	02-JAN-08:10
Electric Equipment:InteriorEquipment:Electricity:Zone:STAIRELEVATOR_69E04841	0.60	11.73	01-JAN-00:10	38.00	02-JAN-08:10
InteriorEquipment:Electricity:Zone:1ROOFHALL_EB42798A	6.65	130.15	01-JAN-00:10	421.64	02-JAN-08:10
Electric Equipment:InteriorEquipment:Electricity:Zone:1ROOFHALL_EB42798A	6.65	130.15	01-JAN-00:10	421.64	02-JAN-08:10
InteriorEquipment:Electricity:Zone:0TOILET_432F975C	1.04	20.32	01-JAN-00:10	65.82	02-JAN-08:10
Electric Equipment:InteriorEquipment:Electricity:Zone:0TOILET_432F975C	1.04	20.32	01-JAN-00:10	65.82	02-JAN-08:10
InteriorEquipment:Electricity:Zone:TOILET_85110BD6	0.50	9.75	01-JAN-00:10	31.58	02-JAN-08:10
Electric Equipment:InteriorEquipment:Electricity:Zone:TOILET_85110BD6	0.50	9.75	01-JAN-00:10	31.58	02-JAN-08:10
ElectricityPurchased:Facility	210.83	3780.50	02-JAN-06:10	12658.81	03-MAR-16:10
ElectricityPurchased:Plant	210.83	3780.50	02-JAN-06:10	12658.81	03-MAR-16:10
Cogeneration:ElectricityPurchased	210.83	3780.50	02-JAN-06:10	12658.81	03-MAR-16:10
General:Cogeneration:ElectricityPurchased	210.83	3780.50	02-JAN-06:10	12658.81	03-MAR-16:10
ElectricitySurplusSold:Facility	0.00	0.00	01-JAN-00:10	0.00	01-JAN-00:10
ElectricitySurplusSold:Plant	0.00	0.00	01-JAN-00:10	0.00	01-JAN-00:10
Cogeneration:ElectricitySurplusSold	0.00	0.00	01-JAN-00:10	0.00	01-JAN-00:10
General:Cogeneration:ElectricitySurplusSold	0.00	0.00	01-JAN-00:10	0.00	01-JAN-00:10
ElectricityNet:Facility	210.83	3780.50	02-JAN-06:10	12658.81	03-MAR-16:10
ElectricityNet:Plant	210.83	3780.50	02-JAN-06:10	12658.81	03-MAR-16:10
Cogeneration:ElectricityNet	210.83	3780.50	02-JAN-06:10	12658.81	03-MAR-16:10

General:Cogeneration:ElectricityNet	210.83	3780.50	02-JAN-06:10	12658.81	03-MAR-16:10
Electricity:Plant	0.00	0.00	01-JAN-00:10	0.37	02-JAN-08:10
Pumps:Electricity	0.00	0.00	01-JAN-00:10	0.37	02-JAN-08:10
Water Systems:Pumps:Electricity	0.00	0.00	01-JAN-00:10	0.37	02-JAN-08:10

Annual and Peak Values - Natural Gas

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

Annual and Peak Values - Cooling

	Cooling Annual Value [GJ]	Cooling Minimum Value [W]	Timestamp of Minimum {TIMESTAMP}	Cooling Maximum Value [W]	Timestamp of Maximum {TIMESTAMP}
DistrictCooling:Facility	0.00	0.00	01-JAN-00:10	0.00	01-JAN-00:10
DistrictCooling:HVAC	0.00	0.00	01-JAN-00:10	0.00	01-JAN-00:10
Cooling:DistrictCooling	0.00	0.00	01-JAN-00:10	0.00	01-JAN-00:10
General:Cooling:DistrictCooling	0.00	0.00	01-JAN-00:10	0.00	01-JAN-00:10

Annual and Peak Values - Water

	Annual Value [m3]	Minimum Value [m3/s]	Timestamp of Minimum {TIMESTAMP}	Maximum Value [m3/s]	Timestamp of Maximum {TIMESTAMP}
Water:Facility	46.84	0.00	01-JAN-00:10	0.00	11-JAN-13:10
Water:Plant	46.84	0.00	01-JAN-00:10	0.00	11-JAN-13:10
WaterSystems:Water	46.84	0.00	01-JAN-00:10	0.00	11-JAN-13:10
General:WaterSystems:Water	46.84	0.00	01-JAN-00:10	0.00	11-JAN-13:10
MainsWater:Facility	46.84	0.00	01-JAN-00:10	0.00	11-JAN-13:10
MainsWater:Plant	46.84	0.00	01-JAN-00:10	0.00	11-JAN-13:10
WaterSystems:MainsWater	46.84	0.00	01-JAN-00:10	0.00	11-JAN-13:10
General:WaterSystems:MainsWater	46.84	0.00	01-JAN-00:10	0.00	11-JAN-13:10

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-00:10	0.000	01-JAN-00:10
CarbonEquivalentEmissions:Carbon Equivalent	0.00	0.000	01-JAN-00:10	0.000	01-JAN-00:10

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 [GJ]	Minimum Value [W]	Timestamp of Minimum {TIMESTAMP}	Maximum Value [W]	Timestamp of Maximum {TIMESTAMP}
EnergyTransfer:Facility	252.89	179.03	29-OCT-10:00	53275.71	02-JAN-06:20
EnergyTransfer:Building	244.63	179.03	29-OCT-10:00	53275.71	02-JAN-06:20
EnergyTransfer:Zone:0BACKENTRANCE_9AE59250	4.74	0.00	28-AUG-14:40	1269.00	20-FEB-06:20
Heating:EnergyTransfer	85.40	0.00	02-JAN-21:10	53275.71	02-JAN-06:20
Heating:EnergyTransfer:Zone:0BACKENTRANCE_9AE59250	4.49	0.00	02-JAN-21:10	1269.00	20-FEB-06:20
General:Heating:EnergyTransfer	85.40	0.00	02-JAN-21:10	53275.71	02-JAN-06:20
General:Heating:EnergyTransfer:Zone:0BACKENTRANCE_9AE59250	4.49	0.00	02-JAN-21:10	1269.00	20-FEB-06:20
Cooling:EnergyTransfer	159.23	0.00	01-JAN-00:10	26207.28	19-JAN-21:10
Cooling:EnergyTransfer:Zone:0BACKENTRANCE_9AE59250	0.25	0.00	01-JAN-00:10	69.15	19-JAN-21:10
General:Cooling:EnergyTransfer	159.23	0.00	01-JAN-00:10	26207.28	19-JAN-21:10
General:Cooling:EnergyTransfer:Zone:0BACKENTRANCE_9AE59250	0.25	0.00	01-JAN-00:10	69.15	19-JAN-21:10
EnergyTransfer:Zone:0CORRIDOR_EDEEBCE2	2.33	0.01	02-MAR-15:20	653.76	23-OCT-06:20
Heating:EnergyTransfer:Zone:0CORRIDOR_EDEEBCE2	1.87	0.00	02-JAN-21:10	653.76	23-OCT-06:20
General:Heating:EnergyTransfer:Zone:0CORRIDOR_EDEEBCE2	1.87	0.00	02-JAN-21:10	653.76	23-OCT-06:20
Cooling:EnergyTransfer:Zone:0CORRIDOR_EDEEBCE2	0.45	0.00	01-JAN-00:10	94.62	18-JAN-21:10
General:Cooling:EnergyTransfer:Zone:0CORRIDOR_EDEEBCE2	0.45	0.00	01-JAN-00:10	94.62	18-JAN-21:10
EnergyTransfer:Zone:0ENTRANCE_8D564AA4	4.00	0.02	28-AUG-14:50	1133.93	23-OCT-06:20
Heating:EnergyTransfer:Zone:0ENTRANCE_8D564AA4	2.89	0.00	02-JAN-21:10	1133.93	23-OCT-06:20
General:Heating:EnergyTransfer:Zone:0ENTRANCE_8D564AA4	2.89	0.00	02-JAN-21:10	1133.93	23-OCT-06:20
Cooling:EnergyTransfer:Zone:0ENTRANCE_8D564AA4	1.11	0.00	01-JAN-00:10	229.31	18-JAN-21:10
General:Cooling:EnergyTransfer:Zone:0ENTRANCE_8D564AA4	1.11	0.00	01-JAN-00:10	229.31	18-JAN-21:10
EnergyTransfer:Zone:0EXHIBITION_CB19CE0A	21.96	0.03	12-NOV-23:30	4716.94	02-JAN-06:10
Heating:EnergyTransfer:Zone:0EXHIBITION_CB19CE0A	4.11	0.00	02-JAN-08:10	4716.94	02-JAN-06:10
General:Heating:EnergyTransfer:Zone:0EXHIBITION_CB19CE0A	4.11	0.00	02-JAN-08:10	4716.94	02-JAN-06:10
Cooling:EnergyTransfer:Zone:0EXHIBITION_CB19CE0A	17.85	0.00	01-JAN-00:10	2764.23	01-FEB-21:10
General:Cooling:EnergyTransfer:Zone:0EXHIBITION_CB19CE0A	17.85	0.00	01-JAN-00:10	2764.23	01-FEB-21:10
EnergyTransfer:Zone:0MEETING1_A799E90A	11.04	0.00	19-MAR-21:10	2431.89	02-JAN-06:10
Heating:EnergyTransfer:Zone:0MEETING1_A799E90A	3.00	0.00	02-JAN-09:40	2431.89	02-JAN-06:10
General:Heating:EnergyTransfer:Zone:0MEETING1_A799E90A	3.00	0.00	02-JAN-09:40	2431.89	02-JAN-06:10
Cooling:EnergyTransfer:Zone:0MEETING1_A799E90A	8.04	0.00	01-JAN-00:10	1209.63	26-JAN-21:10
General:Cooling:EnergyTransfer:Zone:0MEETING1_A799E90A	8.04	0.00	01-JAN-00:10	1209.63	26-JAN-21:10
EnergyTransfer:Zone:0MEETING2_EF43A7B7	10.89	0.01	20-MAR-08:10	2513.55	02-JAN-06:10
Heating:EnergyTransfer:Zone:0MEETING2_EF43A7B7	3.55	0.00	02-JAN-10:10	2513.55	02-JAN-06:10

General:Heating:EnergyTransfer:Zone:0MEETING2_EF43A7B7	3.55	0.00	02-JAN-10:10	2513.55	02-JAN-06:10
Cooling:EnergyTransfer:Zone:0MEETING2_EF43A7B7	7.34	0.00	01-JAN-00:10	1173.30	07-MAR-21:10
General:Cooling:EnergyTransfer:Zone:0MEETING2_EF43A7B7	7.34	0.00	01-JAN-00:10	1173.30	07-MAR-21:10
EnergyTransfer:Zone:0NEWEXHIBITION_128810B4	87.10	0.39	15-OCT-10:20	18701.18	27-MAR-06:10
Heating:EnergyTransfer:Zone:0NEWEXHIBITION_128810B4	28.43	0.00	02-JAN-08:10	18701.18	27-MAR-06:10
General:Heating:EnergyTransfer:Zone:0NEWEXHIBITION_128810B4	28.43	0.00	02-JAN-08:10	18701.18	27-MAR-06:10
Cooling:EnergyTransfer:Zone:0NEWEXHIBITION_128810B4	58.67	0.00	01-JAN-00:10	10351.89	19-JAN-21:10
General:Cooling:EnergyTransfer:Zone:0NEWEXHIBITION_128810B4	58.67	0.00	01-JAN-00:10	10351.89	19-JAN-21:10
EnergyTransfer:Zone:0TOILET_432F975C	2.72	0.00	17-JUN-12:00	865.97	23-OCT-06:20
Heating:EnergyTransfer:Zone:0TOILET_432F975C	1.92	0.00	02-JAN-21:10	865.97	23-OCT-06:20
General:Heating:EnergyTransfer:Zone:0TOILET_432F975C	1.92	0.00	02-JAN-21:10	865.97	23-OCT-06:20
Cooling:EnergyTransfer:Zone:0TOILET_432F975C	0.80	0.00	01-JAN-00:10	152.62	18-JAN-21:10
General:Cooling:EnergyTransfer:Zone:0TOILET_432F975C	0.80	0.00	01-JAN-00:10	152.62	18-JAN-21:10
EnergyTransfer:Zone:1CORRIDOR_1912BE3C	3.94	0.00	01-OCT-11:20	1066.53	06-NOV-06:30
Heating:EnergyTransfer:Zone:1CORRIDOR_1912BE3C	3.33	0.00	02-JAN-21:10	1066.53	06-NOV-06:30
General:Heating:EnergyTransfer:Zone:1CORRIDOR_1912BE3C	3.33	0.00	02-JAN-21:10	1066.53	06-NOV-06:30
Cooling:EnergyTransfer:Zone:1CORRIDOR_1912BE3C	0.60	0.00	01-JAN-00:10	121.25	07-FEB-21:10
General:Cooling:EnergyTransfer:Zone:1CORRIDOR_1912BE3C	0.60	0.00	01-JAN-00:10	121.25	07-FEB-21:10
EnergyTransfer:Zone:1MEETING1_2C8681BC	12.19	0.01	29-MAR-05:40	2922.22	11-DEC-06:20
Heating:EnergyTransfer:Zone:1MEETING1_2C8681BC	4.59	0.00	02-JAN-12:40	2922.22	11-DEC-06:20
General:Heating:EnergyTransfer:Zone:1MEETING1_2C8681BC	4.59	0.00	02-JAN-12:40	2922.22	11-DEC-06:20
Cooling:EnergyTransfer:Zone:1MEETING1_2C8681BC	7.60	0.00	01-JAN-00:10	1294.27	01-FEB-21:10
General:Cooling:EnergyTransfer:Zone:1MEETING1_2C8681BC	7.60	0.00	01-JAN-00:10	1294.27	01-FEB-21:10
EnergyTransfer:Zone:1MEETING2_E9142AA8	11.79	0.09	24-NOV-08:40	2911.94	11-DEC-06:20
Heating:EnergyTransfer:Zone:1MEETING2_E9142AA8	4.98	0.00	02-JAN-12:50	2911.94	11-DEC-06:20
General:Heating:EnergyTransfer:Zone:1MEETING2_E9142AA8	4.98	0.00	02-JAN-12:50	2911.94	11-DEC-06:20
Cooling:EnergyTransfer:Zone:1MEETING2_E9142AA8	6.82	0.00	01-JAN-00:10	1276.23	01-FEB-21:10
General:Cooling:EnergyTransfer:Zone:1MEETING2_E9142AA8	6.82	0.00	01-JAN-00:10	1276.23	01-FEB-21:10
EnergyTransfer:Zone:1NEWEXHIBITION_0D263255	55.24	0.06	16-OCT-05:30	11010.82	27-MAR-06:10
Heating:EnergyTransfer:Zone:1NEWEXHIBITION_0D263255	12.56	0.00	02-JAN-08:30	11010.82	27-MAR-06:10
General:Heating:EnergyTransfer:Zone:1NEWEXHIBITION_0D263255	12.56	0.00	02-JAN-08:30	11010.82	27-MAR-06:10
Cooling:EnergyTransfer:Zone:1NEWEXHIBITION_0D263255	42.68	0.00	01-JAN-00:10	6926.61	06-FEB-21:10
General:Cooling:EnergyTransfer:Zone:1NEWEXHIBITION_0D263255	42.68	0.00	01-JAN-00:10	6926.61	06-FEB-21:10
EnergyTransfer:Zone:1ROOFHALL_EB42798A	11.29	0.09	17-JAN-02:00	3295.93	16-OCT-06:20
Heating:EnergyTransfer:Zone:1ROOFHALL_EB42798A	5.27	0.00	02-JAN-21:10	3295.93	16-OCT-06:20
General:Heating:EnergyTransfer:Zone:1ROOFHALL_EB42798A	5.27	0.00	02-JAN-21:10	3295.93	16-OCT-06:20
Cooling:EnergyTransfer:Zone:1ROOFHALL_EB42798A	6.02	0.00	01-JAN-00:10	960.49	07-FEB-21:10
General:Cooling:EnergyTransfer:Zone:1ROOFHALL_EB42798A	6.02	0.00	01-JAN-00:10	960.49	07-FEB-21:10
EnergyTransfer:Zone:STAIRELEVATOR_69E04841	3.84	0.01	02-NOV-03:20	1123.84	23-OCT-06:50
Heating:EnergyTransfer:Zone:STAIRELEVATOR_69E04841	3.35	0.00	02-JAN-21:10	1123.84	23-OCT-06:50
General:Heating:EnergyTransfer:Zone:STAIRELEVATOR_69E04841	3.35	0.00	02-JAN-21:10	1123.84	23-OCT-06:50
Cooling:EnergyTransfer:Zone:STAIRELEVATOR_69E04841	0.50	0.00	01-JAN-00:10	88.77	07-FEB-21:10
General:Cooling:EnergyTransfer:Zone:STAIRELEVATOR_69E04841	0.50	0.00	01-JAN-00:10	88.77	07-FEB-21:10
EnergyTransfer:Zone:TOILET_85110BD6	1.56	0.00	03-SEP-13:40	449.69	23-OCT-07:00
Heating:EnergyTransfer:Zone:TOILET_85110BD6	1.07	0.00	02-JAN-13:10	449.69	23-OCT-07:00
General:Heating:EnergyTransfer:Zone:TOILET_85110BD6	1.07	0.00	02-JAN-13:10	449.69	23-OCT-07:00
Cooling:EnergyTransfer:Zone:TOILET_85110BD6	0.49	0.00	01-JAN-00:10	74.67	07-FEB-21:10
General:Cooling:EnergyTransfer:Zone:TOILET_85110BD6	0.49	0.00	01-JAN-00:10	74.67	07-FEB-21:10
PlantLoopHeatingDemand:Facility	8.26	0.00	01-JAN-00:10	1416.92	06-FEB-13:10
PlantLoopHeatingDemand:Plant	8.26	0.00	01-JAN-00:10	1416.92	06-FEB-13:10
WaterSystems:PlantLoopHeatingDemand	8.26	0.00	01-JAN-00:10	1416.92	06-FEB-13:10
General:WaterSystems:PlantLoopHeatingDemand	8.26	0.00	01-JAN-00:10	1416.92	06-FEB-13:10
DistrictHeating:Facility	274.33	20.00	02-JAN-21:10	72566.22	16-JAN-06:20
DistrictHeating:Hvac	265.66	0.00	02-JAN-21:10	72546.22	16-JAN-06:20
Heating:DistrictHeating	265.66	0.00	02-JAN-21:10	72546.22	16-JAN-06:20
General:Heating:DistrictHeating	265.66	0.00	02-JAN-21:10	72546.22	16-JAN-06:20
EnergyTransfer:Plant	8.26	0.00	01-JAN-00:10	1416.92	06-FEB-13:10
WaterSystems:EnergyTransfer	8.26	0.00	01-JAN-00:10	1416.92	06-FEB-13:10
General:WaterSystems:EnergyTransfer	8.26	0.00	01-JAN-00:10	1416.92	06-FEB-13:10
DistrictHeating:Plant	8.67	20.00	02-JAN-06:20	1418.28	06-FEB-13:50
WaterSystems:DistrictHeating	8.67	20.00	02-JAN-06:20	1418.28	06-FEB-13:50
General:WaterSystems:DistrictHeating	8.67	20.00	02-JAN-06:20	1418.28	06-FEB-13:50

Report: Sensible Heat Gain Summary

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For: Entire Facility

Timestamp: 2022-06-08 11:37:03

Annual Building Sensible Heat Gain Components

	HVAC Zone Eq & Other Sensible Air Heating [GJ]	HVAC Zone Eq & Other Sensible Air Cooling [GJ]	HVAC Terminal Unit Sensible Air Heating [GJ]	HVAC Terminal Unit Sensible Air Cooling [GJ]	HVAC Input Heated Surface Heating [GJ]	HVAC Input Cooled Surface Cooling [GJ]	People Sensible Heat Addition [GJ]	Lights Sensible Heat Addition [GJ]	Equipment Sensible Heat Addition [GJ]	Window Heat Addition [GJ]	Interzone Air Transfer Heat Addition [GJ]	Infiltration Heat Addition [GJ]	Opaque Surface Conduction and Other Heat Addition [GJ]	Equipment Sensible Heat Removal [GJ]	Window Heat Removal [GJ]	Interzone Air Transfer Heat Removal [GJ]	Infiltration Heat Removal [GJ]	Opaque Surface Conduction and Other Heat Removal [GJ]
0EXHIBITION_CB19CE0A	4.107	-17.848	0.000	0.000	0.000	0.000	9.821	6.323	15.202	2.106	0.000	0.001	0.000	0.000	-2.708	0.000	-5.363	-11.640
0MEETING1_A799E90A	3.001	-8.042	0.000	0.000	0.000	0.000	4.399	2.858	6.871	2.370	0.000	0.000	0.000	0.000	-2.009	0.000	-3.308	-6.140
0MEETING2_EF43A7B7	3.545	-7.340	0.000	0.000	0.000	0.000	4.485	2.876	6.915	2.146	0.000	0.000	0.000	0.000	-3.007	0.000	-3.258	-6.363
0NEWEXHIBITION_128810B4	28.431	-58.673	0.000	0.000	0.000	0.000	31.138	20.758	49.905	12.725	0.000	0.001	0.000	0.000	-20.276	0.000	-27.850	-36.159
1MEETING1_2C8681BC	4.586	-7.602	0.000	0.000	0.000	0.000	4.220	2.741	6.590	2.745	0.000	0.000	0.000	0.000	-2.462	0.000	-4.350	-6.468
1MEETING2_E9142AA8	4.975	-6.816	0.000	0.000	0.000	0.000	4.262	2.713	6.522	1.720	0.000	0.001	0.000	0.000	-2.530	0.000	-4.225	-6.622
1NEWEXHIBITION_0D263255	12.561	-42.678	0.000	0.000	0.000	0.000	20.785	13.730	33.008	11.014	0.000	0.001	0.000	0.000	-9.068	0.000	-15.670	-23.683
0BACKENTRANCE_9AE59250	4.490	-0.254	0.000	0.000	0.000	0.000	0.000	0.488	0.565	0.619	0.000	0.001	0.000	0.000	-1.844	0.000	-2.106	-1.959
0CORRIDOR_EDEEBCE2	1.874	-0.451	0.000	0.000	0.000	0.000	0.000	0.566	0.654	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-1.073	-1.570

0ENTRANCE_8D564AA4	2.887	-1.114	0.000	0.000	0.000	0.000	0.000	0.000	1.350	1.562	0.281	0.000	0.001	0.000	0.000	-0.336	0.000	-1.991	-2.639
0TOILET_432F975C	1.918	-0.803	0.000	0.000	0.000	0.000	0.000	0.000	1.431	1.039	0.223	0.000	0.001	0.000	0.000	-0.779	0.000	-1.451	-1.579
1CORRIDOR_1912BE3C	3.335	-0.604	0.000	0.000	0.000	0.000	0.000	0.000	0.721	0.834	1.373	0.000	0.000	0.000	0.000	-1.500	0.000	-1.741	-2.418
1ROOFHALL_EB42798A	5.270	-6.020	0.000	0.000	0.000	0.000	0.000	0.000	15.647	6.654	0.298	0.000	0.002	0.000	0.000	-0.636	0.000	-7.843	-13.372
STAIRELEVATOR_69E04841	3.348	-0.495	0.000	0.000	0.000	0.000	0.000	0.000	0.518	0.600	1.939	0.000	0.000	0.000	0.000	-1.759	0.000	-2.134	-2.017
TOILET_85110BD6	1.067	-0.491	0.000	0.000	0.000	0.000	0.000	0.000	0.687	0.498	0.000	0.000	0.001	0.000	0.000	0.000	0.000	-0.887	-0.875
Total Facility	85.395	-159.231	0.000	0.000	0.000	0.000	0.000	79.109	73.409	137.419	39.559	0.000	0.010	0.000	0.000	-48.916	0.000	-83.249	-123.505

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]	Opaque Surface Conduction and Other Heat Addition [W]	Equipment Sensible Heat Removal [W]	Window Heat Removal [W]	Interzone Air Transfer Heat Removal [W]	Infiltration Heat Removal [W]	Opaque Surface Conduction and Other Heat Removal [W]
0EXHIBITION_CB19CE0A	07-FEB-21-01	0.00	-3874.69	0.00	0.00	0.00	0.00	0.00	98.42	297.32	0.00	0.00	0.00	4798.72	0.00	-391.62	0.00	-928.16	0.00
0MEETING1_A799E90A	07-FEB-21-01	0.00	-1746.33	0.00	0.00	0.00	0.00	0.00	44.49	134.39	0.00	0.00	0.00	2420.88	0.00	-295.76	0.00	-557.67	0.00
0MEETING2_EF43A7B7	07-FEB-21-01	0.00	-1755.15	0.00	0.00	0.00	0.00	0.00	44.77	135.25	0.00	0.00	0.00	2559.95	0.00	-423.65	0.00	-561.17	0.00
0NEWEXHIBITION_128810B4	07-FEB-21-01	0.00	-12780.70	0.00	0.00	0.00	0.00	0.00	323.11	976.07	0.00	0.00	0.00	19381.61	0.00	-2933.59	0.00	-4966.51	0.00
1MEETING1_2C8681BC	07-FEB-21-01	0.00	-1682.38	0.00	0.00	0.00	0.00	0.00	42.67	128.88	0.00	0.00	0.00	2598.90	0.00	-363.63	0.00	-724.44	0.00
1MEETING2_E9142AA8	07-FEB-21-01	0.00	-1664.05	0.00	0.00	0.00	0.00	0.00	42.23	127.57	0.00	0.00	0.00	2570.80	0.00	-356.66	0.00	-719.88	0.00
1NEWEXHIBITION_0D263255	07-FEB-21-01	0.00	-8454.34	0.00	0.00	0.00	0.00	0.00	213.72	645.60	0.00	0.00	0.00	11591.59	0.00	-1330.12	0.00	-2666.44	0.00
0BACKENTRANCE_9AE59250	07-FEB-21-01	0.00	-86.86	0.00	0.00	0.00	0.00	0.00	7.92	11.05	0.00	0.00	0.00	698.93	0.00	-264.39	0.00	-366.65	0.00
0CORRIDOR_EDEEBCE2	07-FEB-21-01	0.00	-102.43	0.00	0.00	0.00	0.00	0.00	9.17	12.80	0.00	0.00	0.00	252.79	0.00	-0.00	0.00	-172.33	0.00
0ENTRANCE_8D564AA4	07-FEB-21-01	0.00	-245.31	0.00	0.00	0.00	0.00	0.00	21.90	30.55	0.00	0.00	0.00	558.48	0.00	-47.40	0.00	-318.21	0.00
0TOILET_432F975C	07-FEB-21-01	0.00	-164.11	0.00	0.00	0.00	0.00	0.00	22.38	20.32	0.00	0.00	0.00	451.28	0.00	-98.45	0.00	-231.42	0.00
1CORRIDOR_1912BE3C	07-FEB-21-01	0.00	-130.80	0.00	0.00	0.00	0.00	0.00	11.70	16.32	0.00	0.00	0.00	586.73	0.00	-209.35	0.00	-274.60	0.00
1ROOFHALL_EB42798A	07-FEB-21-01	0.00	-1043.10	0.00	0.00	0.00	0.00	0.00	191.14	130.15	0.00	0.00	0.00	1997.37	0.00	-81.39	0.00	-1194.18	0.00
STAIRELEVATOR_69E04841	07-FEB-21-01	0.00	-94.29	0.00	0.00	0.00	0.00	0.00	8.41	11.73	0.00	0.00	0.00	657.61	0.00	-244.61	0.00	-338.85	0.00
TOILET_85110BD6	07-FEB-21-01	0.00	-78.99	0.00	0.00	0.00	0.00	0.00	10.74	9.75	0.00	0.00	0.00	196.65	0.00	-0.00	0.00	-138.14	0.00
Total Facility	07-FEB-21-01	0.00	-33903.54	0.00	0.00	0.00	0.00	0.00	1092.76	2687.74	0.00	0.00	0.00	51322.30	0.00	-7040.59	0.00	-14158.66	0.00

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]	Opaque Surface Conduction and Other Heat Addition [W]	Equipment Sensible Heat Removal [W]	Window Heat Removal [W]	Interzone Air Transfer Heat Removal [W]	Infiltration Heat Removal [W]	Opaque Surface Conduction and Other Heat Removal [W]
0EXHIBITION_CB19CE0A	10-OCT-06-02	6318.98	0.00	0.00	0.00	0.00	0.00	0.00	98.42	297.32	0.00	0.00	0.00	0.00	0.00	-69.52	0.00	-126.13	-6519.07
0MEETING1_A799E90A	24-OCT-06-01	3089.27	0.00	0.00	0.00	0.00	0.00	0.00	44.49	134.39	0.00	0.00	0.00	0.00	0.00	-46.41	0.00	-60.52	-3161.22
0MEETING2_EF43A7B7	10-OCT-06-02	3239.48	0.00	0.00	0.00	0.00	0.00	0.00	44.77	135.25	0.00	0.00	0.00	0.00	0.00	-73.28	0.00	-74.66	-3271.57
0NEWEXHIBITION_128810B4	12-JUN-06-02	22984.14	0.00	0.00	0.00	0.00	0.00	0.00	323.11	976.07	394.02	0.00	0.00	0.00	0.00	-0.00	0.00	-543.52	-24133.82
1MEETING1_2C8681BC	24-OCT-06-02	3491.20	0.00	0.00	0.00	0.00	0.00	0.00	42.67	128.88	0.00	0.00	0.00	0.00	0.00	-56.00	0.00	-108.33	-3498.41
1MEETING2_E9142AA8	10-OCT-06-02	3510.01	0.00	0.00	0.00	0.00	0.00	0.00	42.23	127.57	0.00	0.00	0.00	0.00	0.00	-60.84	0.00	-93.01	-3525.95
1NEWEXHIBITION_0D263255	10-OCT-06-02	13741.55	0.00	0.00	0.00	0.00	0.00	0.00	213.72	645.60	0.00	0.00	0.00	0.00	0.00	-246.89	0.00	-366.92	-13987.05
0BACKENTRANCE_9AE59250	17-NOV-06-11	1287.58	0.00	0.00	0.00	0.00	0.00	0.00	7.92	11.05	0.00	0.00	0.00	0.00	0.00	-51.03	0.00	-99.37	-1156.14
0CORRIDOR_EDEEBCE2	10-OCT-06-02	664.90	0.00	0.00	0.00	0.00	0.00	0.00	9.17	12.80	0.00	0.00	0.00	0.00	0.00	-0.00	0.00	-23.85	-663.02
0ENTRANCE_8D564AA4	02-NOV-06-02	1162.51	0.00	0.00	0.00	0.00	0.00	0.00	21.90	30.55	0.00	0.00	0.00	0.00	0.00	-7.69	0.00	-48.19	-1159.07
0TOILET_432F975C	10-OCT-06-02	889.27	0.00	0.00	0.00	0.00	0.00	0.00	22.38	20.32	0.00	0.00	0.00	0.00	0.00	-18.43	0.00	-31.55	-881.98
1CORRIDOR_1912BE3C	10-OCT-06-02	1086.01	0.00	0.00	0.00	0.00	0.00	0.00	11.70	16.32	0.00	0.00	0.00	0.00	0.00	-38.16	0.00	-38.33	-1037.53
1ROOFHALL_EB42798A	02-NOV-06-01	3550.13	0.00	0.00	0.00	0.00	0.00	0.00	191.14	130.15	0.00	0.00	0.00	0.00	0.00	-15.62	0.00	-178.05	-3677.75
STAIRELEVATOR_69E04841	23-OCT-06-55	1135.95	0.00	0.00	0.00	0.00	0.00	0.00	8.41	11.73	0.00	0.00	0.00	0.00	0.00	-12.34	0.00	-90.39	-1053.36
TOILET_85110BD6	09-OCT-06-12	454.59	0.00	0.00	0.00	0.00	0.00	0.00	10.74	9.75	0.00	0.00	0.00	0.00	0.00	-0.00	0.00	-25.46	-449.62
Total Facility	02-NOV-06-01	65537.39	0.00	0.00	0.00	0.00	0.00	0.00	1092.76	2687.74	0.00	0.00	0.00	0.00	0.00	-1116.99	0.00	-1659.86	-66541.04

Report: Standard 62.1 Summary

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For: Entire Facility

Timestamp: 2022-06-08 11:37:03

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	Origin of D	Uncorrected Outdoor Air Intake Airflow - Vou [m3/s]	System Primary Airflow - Vps [m3/s]	Average Outdoor Air Fraction - Xs	System Ventilation Efficiency - Ev	Calculation Method for Ev	Outdoor Air Intake Flow - Vot [m3/s]	Percent Outdoor Air - %OA	Environment Name of Peak System Population - Ps	Date and Time of Last Peak System Population - Ps
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	Origin of D	Uncorrected Outdoor Air Intake Airflow - Vou [m3/s]	System Primary Airflow - Vps [m3/s]	Average Outdoor Air Fraction - Xs	System Ventilation Efficiency - Ev	Calculation Method for Ev	Outdoor Air Intake Flow - Vot [m3/s]	Percent Outdoor Air - %OA	Environment Name of Peak System Population - Ps	Date and Time of Last Peak System Population - Ps
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]	Is Vpz-min calculated using the Standard 62.1 Simplified Procedure?	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]	Is Vpz-min calculated using the Standard 62.1 Simplified Procedure?	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: **2022-06-08 11:37:03**

Sec1.1A-General Information

	Data
Weather File	RUN PERIOD 1 ** Trieste - ITA IGDG WMO#=161100
Total gross floor area [m2]	819.65
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]
0EXHIBITION_CB19CE0A	72.64	72.64	0.00	64.82
0MEETING1_A799E90A	32.83	32.83	0.00	64.82
0MEETING2_EF43A7B7	33.04	33.04	0.00	64.82
0NEWEXHIBITION_128810B4	238.46	238.46	0.00	64.82
1MEETING1_2C8681BC	31.49	31.49	0.00	64.82
1MEETING2_E9142AA8	31.17	31.17	0.00	64.82
1NEWEXHIBITION_0D263255	157.72	157.72	0.00	64.82
0BACKENTRANCE_9AE59250	10.12	10.12	0.00	0.00
0CORRIDOR_EDEEBCE2	11.72	11.72	0.00	0.00
0ENTRANCE_8D564AA4	27.98	27.98	0.00	0.00
0TOILET_432F975C	18.61	18.61	0.00	0.00
1CORRIDOR_1912BE3C	14.95	14.95	0.00	0.00
1ROOFHALL_EB42798A	119.23	119.23	0.00	0.00
STAIRELEVATOR_69E04841	10.74	10.74	0.00	0.00
TOILET_85110BD6	8.93	8.93	0.00	0.00
Totals	819.65	819.65	0.00	

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

	Electricity Energy Use [GJ]	Electricity Demand [W]	Natural Gas Energy Use [GJ]	Natural Gas Demand [W]	Gasoline Use [GJ]	Gasoline Demand [W]	Diesel Use [GJ]	Diesel Demand [W]	Coal Use [GJ]	Coal Demand [W]	Fuel Oil No 1 Use [GJ]	Fuel Oil No 1 Demand [W]	Fuel Oil No 2 Use [GJ]	Fuel Oil No 2 Demand [W]	Propane Use [GJ]	Propane Demand [W]	Other Fuel 1 Use [GJ]	Other Fuel 1 Demand [W]	Other Fuel 2 Use [GJ]	Other Fuel 2 Demand [W]	District Cooling Use [GJ]	District Cooling Demand [W]	District Heating Use [GJ]	District Heating Demand [W]
Heating -- General	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	265.66	72546.22
Cooling -- General	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Interior Lighting -- General	73.41	5547.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Exterior Lighting -- Not Subdivided	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Interior Equipment -- Electric Equipment	137.42	8707.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Exterior Equipment -- Not Subdivided	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fans -- Not Subdivided	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pumps -- Water Systems	0.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heat Rejection -- Not Subdivided	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Humidification -- Not Subdivided	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heat Recovery -- Not Subdivided	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.67	1418.28
Refrigeration -- Not Subdivided	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

EAp2-6. Energy Use Summary

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	Process Subtotal [GJ]	Total Energy Use [GJ]
Electricity	137.42	210.83
Natural Gas	0.00	0.00
Additional	0.00	274.33
Total	137.42	485.16

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 [GJ]
Photovoltaic	0.00	0.00
Wind	0.00	0.00

EAp2-17a. Energy Use Intensity - Electricity

	Electricity [MJ/m2]
Interior Lighting (All)	89.56
Space Heating	0.00
Space Cooling	0.00
Fans (All)	0.00
Service Water Heating	0.00
Receptacle Equipment	167.66
Miscellaneous (All)	257.22
Subtotal	257.22

EAp2-17b. Energy Use Intensity - Natural Gas

	Natural Gas [MJ/m2]
Space Heating	0.00
Service Water Heating	0.00
Miscellaneous (All)	0.00
Subtotal	0.00

EAp2-17c. Energy Use Intensity - Additional

	Additional [MJ/m2]
Subtotal	0.00
Miscellaneous	0.00

EAp2-18. End Use Percentage

	Percent [%]
Interior Lighting (All)	15.13
Space Heating	54.76
Space Cooling	0.00
Fans (All)	0.00
Service Water Heating	1.79
Receptacle Equipment	28.32
Miscellaneous	0.00

Schedules-Equivalent Full Load Hours (Schedule Type=Fraction)

	Equivalent Full Load Hours of Operation Per Year [hr]	Hours > 1% [hr]
None		

Schedules-SetPoints (Schedule Type=Temperature)

	First Object Used	Month Assumed	11am First Wednesday [C]	Days with Same 11am Value	11pm First Wednesday [C]	Days with Same 11pm Value
SCHOOLPRIMARY HTGSETP_SCH_NO_OPTIMUM	0BACKENTRANCE_9AE59250_SETPOINT	January	21.00	365	15.60	365
0BACKENTRANCE_9AE59250_SETPOINT_CLGSETP	0BACKENTRANCE_9AE59250_SETPOINT	July	50.00	365	50.00	365
0CORRIDOR_EDEEBCE2_SETPOINT_CLGSETP	0CORRIDOR_EDEEBCE2_SETPOINT	July	50.00	365	50.00	365
0ENTRANCE_8D564AA4_SETPOINT_CLGSETP	0ENTRANCE_8D564AA4_SETPOINT	July	50.00	365	50.00	365
0EXHIBITION_CB19CE0A_SETPOINT_CLGSETP	0EXHIBITION_CB19CE0A_SETPOINT	July	50.00	365	50.00	365
0MEETING1_A799E90A_SETPOINT_CLGSETP	0MEETING1_A799E90A_SETPOINT	July	50.00	365	50.00	365
0MEETING2_EF43A7B7_SETPOINT_CLGSETP	0MEETING2_EF43A7B7_SETPOINT	July	50.00	365	50.00	365
0NEWEXHIBITION_128810B4_SETPOINT_CLGSETP	0NEWEXHIBITION_128810B4_SETPOINT	July	50.00	365	50.00	365
0TOILET_432F975C_SETPOINT_CLGSETP	0TOILET_432F975C_SETPOINT	July	50.00	365	50.00	365
1CORRIDOR_1912BE3C_SETPOINT_CLGSETP	1CORRIDOR_1912BE3C_SETPOINT	July	50.00	365	50.00	365
1MEETING1_2C8681BC_SETPOINT_CLGSETP	1MEETING1_2C8681BC_SETPOINT	July	50.00	365	50.00	365
1MEETING2_E9142AA8_SETPOINT_CLGSETP	1MEETING2_E9142AA8_SETPOINT	July	50.00	365	50.00	365
1NEWEXIBITION_0D263255_SETPOINT_CLGSETP	1NEWEXIBITION_0D263255_SETPOINT	July	50.00	365	50.00	365
1ROOFHALL_EB42798A_SETPOINT_CLGSETP	1ROOFHALL_EB42798A_SETPOINT	July	50.00	365	50.00	365
STAIRELEVATOR_69E04841_SETPOINT_CLGSETP	STAIRELEVATOR_69E04841_SETPOINT	July	50.00	365	50.00	365
TOILET_85110BD6_SETPOINT_CLGSETP	TOILET_85110BD6_SETPOINT	July	50.00	365	50.00	365

For: Entire Facility

Timestamp: 2022-06-08 11:37:03

Heat Index Hours

	Safe ($\leq 26.7^{\circ}\text{C}$) [hr]	Caution ($> 26.7, \leq 32.2^{\circ}\text{C}$) [hr]	Extreme Caution ($> 32.2, \leq 39.4^{\circ}\text{C}$) [hr]	Danger ($> 39.4, \leq 51.7^{\circ}\text{C}$) [hr]	Extreme Danger ($> 51.7^{\circ}\text{C}$) [hr]
0EXHIBITION_CB19CE0A	7134.17	1186.50	385.00	54.33	0.00
0MEETING1_A799E90A	7024.33	1234.67	434.33	66.67	0.00
0MEETING2_EF43A7B7	7120.33	1172.33	404.17	63.17	0.00
0NEWEXHIBITION_128810B4	7038.83	1099.83	498.33	123.00	0.00
1MEETING1_2C8681BC	6955.33	1256.33	462.50	85.83	0.00
1MEETING2_E9142AA8	7066.17	1208.33	416.00	69.50	0.00
1NEWEXHIBITION_0D263255	6977.50	1217.67	474.50	90.33	0.00
0BACKENTRANCE_9AE59250	7312.50	1193.50	254.00	0.00	0.00
0CORRIDOR_EDEEBCE2	6972.33	1434.33	341.83	11.50	0.00
0ENTRANCE_8D564AA4	6967.00	1467.00	326.00	0.00	0.00
0TOILET_432F975C	6810.67	1240.17	513.33	195.83	0.00
1CORRIDOR_1912BE3C	6864.00	1448.50	402.50	45.00	0.00
1ROOFHALL_EB42798A	6684.17	1586.00	450.17	39.67	0.00
STAIRELEVATOR_69E04841	6805.17	1438.00	471.67	45.17	0.00
TOILET_85110BD6	6654.00	1174.33	642.50	265.17	24.00
Min	6654.00	1099.83	254.00	0.00	0.00
Max	7312.50	1586.00	642.50	265.17	24.00
Average	6959.10	1290.50	431.79	77.01	1.60
Sum	104386.50	19357.50	6476.83	1155.17	24.00

Heat Index OccupantHours

	Safe ($\leq 26.7^{\circ}\text{C}$) [hr]	Caution ($> 26.7, \leq 32.2^{\circ}\text{C}$) [hr]	Extreme Caution ($> 32.2, \leq 39.4^{\circ}\text{C}$) [hr]	Danger ($> 39.4, \leq 51.7^{\circ}\text{C}$) [hr]	Extreme Danger ($> 51.7^{\circ}\text{C}$) [hr]
0EXHIBITION_CB19CE0A	26618.33	7865.33	4671.67	884.67	0.00
0MEETING1_A799E90A	11850.67	3396.00	2225.33	468.00	0.00
0MEETING2_EF43A7B7	12088.00	3342.83	2079.67	429.50	0.00
0NEWEXHIBITION_128810B4	89027.50	25147.50	17138.00	5187.00	0.00
1MEETING1_2C8681BC	11986.33	3285.33	2127.50	540.83	0.00
1MEETING2_E9142AA8	10872.33	2914.83	1687.33	385.50	0.00
1NEWEXHIBITION_0D263255	59333.00	17335.67	11375.33	2956.00	0.00
0BACKENTRANCE_9AE59250	0.00	0.00	0.00	0.00	0.00
0CORRIDOR_EDEEBCE2	0.00	0.00	0.00	0.00	0.00
0ENTRANCE_8D564AA4	0.00	0.00	0.00	0.00	0.00
0TOILET_432F975C	0.00	0.00	0.00	0.00	0.00
1CORRIDOR_1912BE3C	0.00	0.00	0.00	0.00	0.00
1ROOFHALL_EB42798A	0.00	0.00	0.00	0.00	0.00
STAIRELEVATOR_69E04841	0.00	0.00	0.00	0.00	0.00
TOILET_85110BD6	0.00	0.00	0.00	0.00	0.00
Min	0.00	0.00	0.00	0.00	0.00
Max	89027.50	25147.50	17138.00	5187.00	0.00
Average	14785.08	4219.17	2753.66	723.43	0.00
Sum	221776.17	63287.50	41304.83	10851.50	0.00

Humidex Hours

	Little to no Discomfort (≤ 29) [hr]	Some Discomfort ($> 29, \leq 40$) [hr]	Great Discomfort; Avoid Exertion ($> 40, \leq 45$) [hr]	Dangerous ($> 45, \leq 50$) [hr]	Heat Stroke Quite Possible (> 50) [hr]
0EXHIBITION_CB19CE0A	6572.00	1940.00	206.83	41.17	0.00
0MEETING1_A799E90A	6486.83	1997.17	227.50	48.50	0.00
0MEETING2_EF43A7B7	6559.17	1939.33	215.00	46.50	0.00
0NEWEXHIBITION_128810B4	6542.50	1843.17	280.00	84.83	9.50
1MEETING1_2C8681BC	6441.17	2016.50	240.17	61.00	1.17
1MEETING2_E9142AA8	6529.33	1961.17	218.83	50.67	0.00
1NEWEXHIBITION_0D263255	6451.50	1994.00	247.67	65.17	1.67
0BACKENTRANCE_9AE59250	6817.67	1852.67	89.67	0.00	0.00
0CORRIDOR_EDEEBCE2	6534.50	2082.50	143.00	0.00	0.00
0ENTRANCE_8D564AA4	6527.33	2121.67	111.00	0.00	0.00
0TOILET_432F975C	6160.67	2108.33	316.50	148.33	26.17
1CORRIDOR_1912BE3C	6461.33	2100.17	177.50	21.00	0.00
1ROOFHALL_EB42798A	6309.33	2238.33	196.17	16.17	0.00
STAIRELEVATOR_69E04841	6456.50	2077.00	211.17	15.33	0.00
TOILET_85110BD6	5967.50	2096.00	444.33	163.50	88.67
Min	5967.50	1843.17	89.67	0.00	0.00
Max	6817.67	2238.33	444.33	163.50	88.67
Average	6454.49	2024.53	221.69	50.81	8.48
Sum	96817.33	30368.00	3325.33	762.17	127.17

Humidex OccupantHours

	Little to no Discomfort (≤ 29) [hr]	Some Discomfort ($> 29, \leq 40$) [hr]	Great Discomfort; Avoid Exertion ($> 40, \leq 45$) [hr]	Dangerous ($> 45, \leq 50$) [hr]	Heat Stroke Quite Possible (> 50) [hr]
0EXHIBITION_CB19CE0A	24407.00	12237.67	2705.00	690.33	0.00
0MEETING1_A799E90A	10854.83	5453.33	1282.33	349.50	0.00
0MEETING2_EF43A7B7	11027.83	5395.50	1187.83	328.83	0.00
0NEWEXHIBITION_128810B4	81328.50	39913.00	11154.00	3577.00	527.50
1MEETING1_2C8681BC	10967.83	5335.33	1230.50	397.00	9.33
1MEETING2_E9142AA8	9907.17	4680.00	982.17	290.67	0.00

1NEWEXIBITION_0D263255	54239.33	27781.67	6691.00	2221.33	66.67
0BACKENTRANCE_9AE59250	0.00	0.00	0.00	0.00	0.00
0CORRIDOR_EDEEBCE2	0.00	0.00	0.00	0.00	0.00
0ENTRANCE_8D564AA4	0.00	0.00	0.00	0.00	0.00
0TOILET_432F975C	0.00	0.00	0.00	0.00	0.00
1CORRIDOR_1912BE3C	0.00	0.00	0.00	0.00	0.00
1ROOFHALL_EB42798A	0.00	0.00	0.00	0.00	0.00
STAIRLELEVATOR_69E04841	0.00	0.00	0.00	0.00	0.00
TOILET_85110BD6	0.00	0.00	0.00	0.00	0.00
Min	0.00	0.00	0.00	0.00	0.00
Max	81328.50	39913.00	11154.00	3577.00	527.50
Average	13515.50	6719.77	1682.19	523.64	40.23
Sum	202732.50	100796.50	25232.83	7854.67	603.50

Heating SET Hours

	SET ≤ 12.2°C Hours (°C)	SET ≤ 12.2°C OccupantHours (°C)	Longest SET ≤ 12.2°C Duration [hr]	Start Time of the Longest SET ≤ 12.2°C Duration
None				

Cooling SET Hours

	SET > 30°C Hours (°C)	SET > 30°C OccupantHours (°C)	Longest SET > 30°C Duration [hr]	Start Time of the Longest SET > 30°C Duration
None				

Report: Annual CO2 Resilience Summary

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For: **Entire Facility**

Timestamp: **2022-06-08 11:37:03**

CO2 Level Hours

	Safe (<= 1000 ppm) [hr]	Caution (> 1000, <= 5000 ppm) [hr]	Hazard (> 5000 ppm) [hr]
None			

CO2 Level OccupantHours

	Safe (<= 1000 ppm) [hr]	Caution (> 1000, <= 5000 ppm) [hr]	Hazard (> 5000 ppm) [hr]
None			

Report: Annual Visual Resilience Summary

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For: **Entire Facility**

Timestamp: **2022-06-08 11:37:03**

Illuminance Level Hours

	A Bit Dark (<= 100 lux) [hr]	Dim (> 100, <= 300 lux) [hr]	Adequate (> 300, <= 500 lux) [hr]	Bright (>500 lux) [hr]
None				

Illuminance Level OccupantHours

	A Bit Dark (<= 100 lux) [hr]	Dim (> 100, <= 300 lux) [hr]	Adequate (> 300, <= 500 lux) [hr]	Bright (>500 lux) [hr]
None				

Report: Life-Cycle Cost Report

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For: **Entire Facility**

Timestamp: **2022-06-08 11:37:03**

Life-Cycle Cost Parameters

	Value
Name	LIFE CYCLE COST PARAMETERS
Discounting Convention	EndOfYear
Inflation Approach	ConstantDollar
Real Discount Rate	0.0300
Nominal Discount Rate	-- N/A --
Inflation	-- N/A --
Base Date	January 2011
Service Date	January 2011
Length of Study Period in Years	25
Tax rate	0.0000
Depreciation Method	None

Use Price Escalation

	U.S. AVG COMMERCIAL-ELECTRICITY	U.S. AVG COMMERCIAL-DISTILLATE OIL	U.S. AVG COMMERCIAL-RESIDUAL OIL	U.S. AVG COMMERCIAL-NATURAL GAS	U.S. AVG COMMERCIAL-COAL
Resource	Electricity	FuelOilNo1	FuelOilNo2	NaturalGas	Coal
Start Date	January 2011	January 2011	January 2011	January 2011	January 2011
1	0.983800	0.971400	0.846900	0.982300	0.997000
2	0.973000	0.973000	0.825700	0.955700	1.008900
3	0.963200	0.994200	0.868100	0.927900	1.008900
4	0.961100	1.016400	0.898800	0.925700	0.994100
5	0.957100	1.054100	0.928900	0.934600	0.994100

6	0.955300	1.092800	0.960400	0.941200	1.000000
7	0.953900	1.126700	0.989700	0.951200	1.003000
8	0.952100	1.158000	1.007500	0.964500	1.005900
9	0.954600	1.179200	1.031400	0.985600	1.008900
10	0.955000	1.196700	1.055400	1.006700	1.011900
11	0.955300	1.220000	1.086100	1.022200	1.014800
12	0.956400	1.233300	1.127800	1.041000	1.017800
13	0.957500	1.256600	1.149700	1.061000	1.020800
14	0.959600	1.270900	1.162000	1.078700	1.026700
15	0.961800	1.282600	1.174300	1.094200	1.029700
16	0.961400	1.298500	1.185200	1.109800	1.035600
17	0.961800	1.310200	1.194800	1.122000	1.041500
18	0.961800	1.325000	1.203700	1.130800	1.053400
19	0.959300	1.326100	1.207100	1.138600	1.056400
20	0.958900	1.328200	1.211900	1.148600	1.059300
21	0.960700	1.332400	1.213900	1.161900	1.065300
22	0.962500	1.335600	1.219400	1.176300	1.071200
23	0.965000	1.343100	1.227600	1.191800	1.074200
24	0.970800	1.351000	1.236500	1.211800	1.080100
25	0.975100	1.356800	1.242000	1.228400	1.083100

Cash Flow for Recurring and Nonrecurring Costs (Without Escalation)

	DEFAULT COST
	Nonrecurring
January 2011	0.00
January 2012	0.00
January 2013	0.00
January 2014	0.00
January 2015	0.00
January 2016	0.00
January 2017	0.00
January 2018	0.00
January 2019	0.00
January 2020	0.00
January 2021	0.00
January 2022	0.00
January 2023	0.00
January 2024	0.00
January 2025	0.00
January 2026	0.00
January 2027	0.00
January 2028	0.00
January 2029	0.00
January 2030	0.00
January 2031	0.00
January 2032	0.00
January 2033	0.00
January 2034	0.00
January 2035	0.00

Energy and Water Cost Cash Flows (Without Escalation)

	Total
January 2011	0.00
January 2012	0.00
January 2013	0.00
January 2014	0.00
January 2015	0.00
January 2016	0.00
January 2017	0.00
January 2018	0.00
January 2019	0.00
January 2020	0.00
January 2021	0.00
January 2022	0.00
January 2023	0.00
January 2024	0.00
January 2025	0.00
January 2026	0.00
January 2027	0.00
January 2028	0.00
January 2029	0.00
January 2030	0.00
January 2031	0.00
January 2032	0.00
January 2033	0.00
January 2034	0.00
January 2035	0.00

January 2031	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
January 2032	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
January 2033	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
January 2034	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
January 2035	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operating Cash Flow by Category (With Escalation)

	Maintenance	Repair	Operation	Replacement	MinorOverhaul	MajorOverhaul	OtherOperational	Water	Energy	Total
January 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
January 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
January 2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
January 2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
January 2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
January 2016	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
January 2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
January 2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
January 2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
January 2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
January 2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
January 2022	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
January 2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
January 2024	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
January 2025	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
January 2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
January 2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
January 2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
January 2029	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
January 2030	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
January 2031	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
January 2032	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
January 2033	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
January 2034	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
January 2035	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Monthly Total Cash Flow (Without Escalation)

	January	February	March	April	May	June	July	August	September	October	November	December
2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2016	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2022	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2029	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2030	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2031	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2032	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2033	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2034	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2035	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Present Value for Recurring, Nonrecurring and Energy Costs (Before Tax)

	Category	Kind	Cost	Present Value	Present Value Factor
DEFAULT COST	Construction	Nonrecurring	0.00	0.00	-
TOTAL				0.00	

Present Value by Category

	Present Value
Maintenance	0.00
Repair	0.00
Operation	0.00
Replacement	0.00
Minor Overhaul	0.00
Major Overhaul	0.00
Other Operational	0.00
Water	0.00

Energy	0.00
Total Operation	0.00
Construction	0.00
Salvage	0.00
Other Capital	0.00
Total Capital	0.00
Total Energy	0.00
Grand Total	0.00

Present Value by Year

	Total Cost (Without Escalation)	Total Cost (With Escalation)	Present Value of Costs
January 2011	0.00	0.00	0.00
January 2012	0.00	0.00	0.00
January 2013	0.00	0.00	0.00
January 2014	0.00	0.00	0.00
January 2015	0.00	0.00	0.00
January 2016	0.00	0.00	0.00
January 2017	0.00	0.00	0.00
January 2018	0.00	0.00	0.00
January 2019	0.00	0.00	0.00
January 2020	0.00	0.00	0.00
January 2021	0.00	0.00	0.00
January 2022	0.00	0.00	0.00
January 2023	0.00	0.00	0.00
January 2024	0.00	0.00	0.00
January 2025	0.00	0.00	0.00
January 2026	0.00	0.00	0.00
January 2027	0.00	0.00	0.00
January 2028	0.00	0.00	0.00
January 2029	0.00	0.00	0.00
January 2030	0.00	0.00	0.00
January 2031	0.00	0.00	0.00
January 2032	0.00	0.00	0.00
January 2033	0.00	0.00	0.00
January 2034	0.00	0.00	0.00
January 2035	0.00	0.00	0.00
TOTAL			0.00