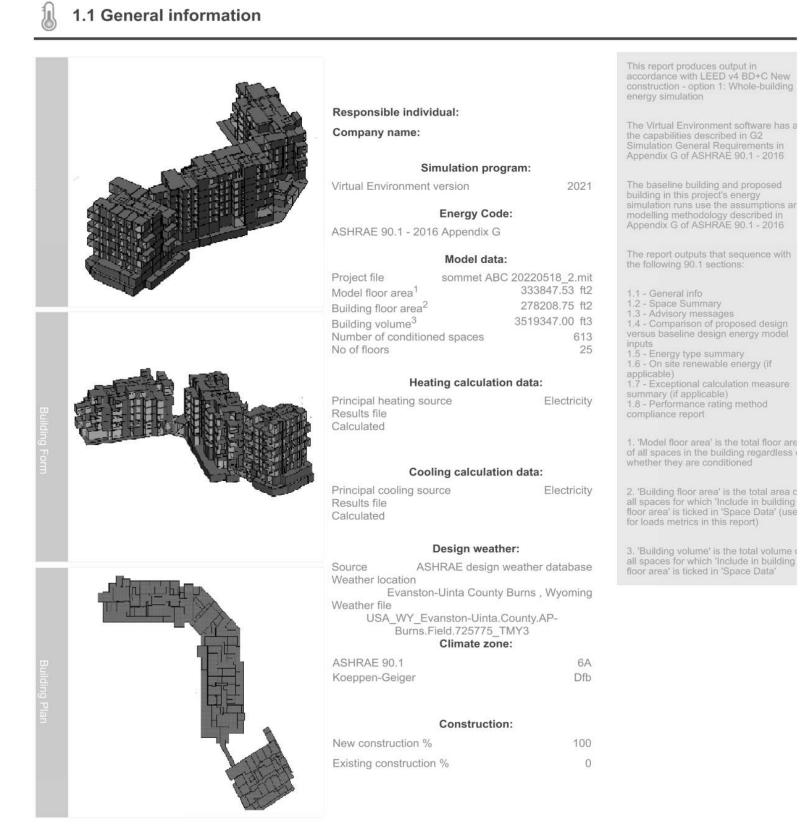
	NTEGRATED RONMENTAL UTIONS LTD
Energy type summary On site renewables Exceptional calc measure Report	DIIONS LID

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1.2 - Space Summary

Building Use (Occupancy type)	Conditioned Area ft ²	Un-conditioned Area ft ²	Total Area ft ²	BPF (Table 4.2.1.1)
A-Z	Hi/Lo	Hi/Lo	Hi/Lo	Hi/Lo
BLDG: Multifamily	179,143	0	179143	0.56
SPACE: Conference/ Meeting/ Multipurpose	604	0	604	0.56
SPACE: Corridor - All Other Corridors	22,123	0	22123	0.56
SPACE: Dining area - Family dining	2,656	0	2656	0.56
SPACE: Electrical/ Mechanical	9,911	0	9911	0.56
SPACE: Elevators - Equipment	357	0	357	0.56
SPACE: Food preparation	1,192	0	1192	0.56
SPACE: Gymnasium/ Fitness center - Exercise area	3,989	0	3989	0.56
SPACE: Lobby	3,155	0	3155	0.56
SPACE: Lobby - Elevator	938	0	938	0.56
SPACE: Locker room	2,738	0	2738	0.56
SPACE: Lounge/ Breakroom	16,175	0	16175	0.56
SPACE: Office - Enclosed	326	0	326	0.56
SPACE: Parking area - Interior	55,639	0	55639	0.56
SPACE: Restrooms	2,199	0	2199	0.56
SPACE: Stairwell	16,255	0	16255	0.56
SPACE: Storage - >=50ft2	16,449	0	16449	0.56
SPACE: Void/Plenum	0	11,684	11684	0.56
Totals	333,847.9	11,683.6	345,531.5	0.56

1.3 - Advisory Messages

1.8.1 Baseline Performance
(Electricity usage values account for user defined transformer losses.)

Advisory Messages	Proposed Building	Baseline Building	
Number of hours heating loads not met:	116.0	178.000000	
Number of hours cooling loads not met:	0.0	47.000000	
Number of warning messages:	0	0	
Number of error messages:	0	0	
Number of defaults overridden	0	0	
Spaces Excluded from UMLH Test per space type or application: (voids, plenums, unconditioned spaces, and non-master rooms in	an HVAC zone are always excluded)		
Spaces Excluded from UMLH Test per inclusion in ASHRAE 55 The	ermal Comfort Analysis:		
0 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	rated Environmental Solutions Limited All rights reserved		



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Lighting Designer
O1319 SE MLK Blvd, Suite 210
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Studio Pacifica
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Seattle, WA 98109

MEP Engineer
WSP USA
1001 Fourth Ave., Suite 3100
Seattle, WA 98154

principal architect_	
project manager_	
drawn by_	
-	
checked by_	Checker
job no.	
date	5/17/2024
revisions:	

IFC Set 2 of 3 5/17/2024

no. date

ENERGY CODE COMPLIANCE REPORT

MO.15

1.4 - Comparison of Proposed versus Baseline Design

Model Input parameter	Propo	Proposed			
Construction	Description	Input U value / % (area weighted)	Description	Input U value / % (area weighted)	
Exterior wall construction	Proposed Wall U- 0.067	0.07	ASHRAE ExternalWall: Below Ground C=0.119	0.	
Exterior wall construction	Proposed BGW U- 0.119	0.12	PRM CZ6 Ext Wall (Non-Res) - Steel Framed; R- 13+R3.8ci; U=0.084	0.	
Roof construction	proposed U-0.032	0.03	PRM CZ6 Roof (Non-Res & Res) - Ins Above Deck; R- 15 (2.6); U=0.063 (0.360)	0.	
Floor/slab construction	Proposed Exposed Floor U-0.032	0.03	CZ7 Floor (Res) - Steel Joist; R-38.0; U=0.032 (0.183)	0.	
Floor/slab construction	Ground contact floor: U=F(0.54)*Floor perim.(2172ft)/Floor area(52172ft ²) U-0.022	0.02	Ground contact floor: U=F(0.54)*Floor perim.(2172ft)/Floor area(52172ft ²) U- 0.022	0.	
Window to gross wall ratio	Overall		Overall	31	
Window to gross wall ratio	North / South / East / West	26 / 33 / 22 / 42%	North / South / East / West	26 / 33 / 22 / 42	
Fenestration U-Value (North)	proposed glazing operable U-0.43 SHGC-0.27		ASHRAE 90.1-2016; CZ6 Window (Non- Res) - Nonmetal framing (all); U=0.30; SHGC=0.40; VT=0.44	0.	
Fenestration U-Value (non - North)	proposed glazing operable U-0.43 SHGC-0.27		ASHRAE 90.1-2016; CZ6 Window (Non- Res) - Nonmetal framing (all); U=0.30; SHGC=0.40; VT=0.44	0.	
Fenestration SHGC - North	proposed glazing operable U-0.43 SHGC-0.27	0.23	ASHRAE 90.1-2016; CZ6 Window (Non- Res) - Nonmetal framing (all); U=0.30; SHGC=0.40; VT=0.44	0.	
Fenestration SHGC - non - North	proposed glazing operable U-0.43 SHGC-0.27	0.23	ASHRAE 90.1-2016; CZ6 Window (Non- Res) - Nonmetal framing (all); U=0.30; SHGC=0.40; VT=0.44	0.	
Fenestration visual light transmittance (N)	proposed glazing operable U-0.43 SHGC-0.27		ASHRAE 90.1-2016; CZ6 Window (Non- Res) - Nonmetal framing (all); U=0.30; SHGC=0.40; VT=0.44	0.	
Fenestration visual light transmittance	proposed glazing operable U-0,43 SHGC-0.27	0.44	ASHRAE 90.1-2016; CZ6 Window (Non- Res) - Nonmetal framing (all); U=0.30; SHGC=0.40; VT=0.44	0	

Model Input parameter	Propo	osed	Base	line
MEP	Description	Input (area weighted)	Description	Input (area weighted)
Other Lighting Controls				
Interior lighting power density	Total power density (Btu/h•ft ²)	1.89	Total power density (Btu/h•ft²)	1.98
Day lighting controls	Radiance simulation	Yes	Radiance simulation	Yes
Exterior lighting power	Total power consumption (kBtu/h)	8.16	Total power consumption (kBtu/h)	15.37
Process lighting	Total power density (Btu/h•ft²)	0.00	Total power density (Btu/h•ft²)	0.00
Receptacle equipment	Total power density (Btu/h•ft ²)	1.08	Total power density (Btu/h*ft²)	1.08
Elevators/escalators	Total power consumption (kBtu/h)	27.04	Total power consumption (kBtu/h)	27.04
Refridgeration equipment	Total power density (Btu/h•ft ²)	0.00	Total power density (Btu/h•ft²)	0.00
Cooking equipment	Total power density (Btu/h•ft ²)	0.00	Total power density (Btu/h•ft²)	0.00
Data processing/centre equipment	Total power density (Btu/h•ft ²)	0.00	Total power density (Btu/h*ft²)	0.00

Interior Lighting	End Use	Process	Baseline Design Energy Type	Units of Annual Energy & peak demand	Baseline 0 rotation	Baseline 90 rotation	Baseline 180 rotation	Baseline 270 rotation	Baseline Solution
Interfer Lighting No					d Energy				
Intention Lighting Demand No Electricity Demand MBH 548.90 0.00 0	nterior Lighting	No	Electricity			0.00	0.00	0.00	2,156,33
Extendor Lighting Demand No Electricity Energy use RBtu 87,488.07 0.00 0	nterior Lighting Demand	No		0,		0.00	0.00	0.00	54
Exterior Lighting Demand No Electricity Demand MBH 15.37 0.00 0.0	The state of the s	No		Energy use kBtu	87,486,07	0.00	0.00	0.00	87,48
Space Healing (Fossil Fuel) No Gas Energy use kBu 7,702.074.50 0.00								0.00	1
Space Healing (Fessil Fuel) No Gas Demand MBH 5,671,73 0.00									7,702,07
Demand No				Acres Control					
Space Hoaling Demand No Electricity Demand MBH 906.70 0.00		No	Gas	Demand MBH	5,671.73	0.00	0.00	0.00	5,67
Space Cooling	Space Heating	No	Electricity	Energy use kBtu	2,787,121.50	0.00	0.00	0.00	2,787,12
Space Cooling Demand No Electricity Demand MBH 932.10 0.00	Space Heating Demand	No	Electricity	Demand MBH	906.70	0.00	0.00	0.00	90
Fans Interior No Electricity Energy use kBlu 4,168,178,50 0.00	Space Cooling	No	Electricity	Energy use kBtu	1,592,663.50	0.00	0.00	0.00	1,592,66
Fans (Indirector Demand No Electricity Energy use RBIU 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Space Cooling Demand	No	Electricity	Demand MBH	932.10	0.00	0.00	0.00	93
Fans (Parking)	Fans (Interior)	No	Electricity	Energy use kBtu	4,168,178.50	0.00	0.00	0.00	4,168,17
Page	Fans (Interior) Demand	No	Electricity	Demand MBH	603.95	0.00	0.00	0.00	60
Pumps No Electricity Energy use kBlu 23,778.12 0.00 0.00 0.00 0.00 1.00	ans (Parking)	No	Electricity	Energy use kBtu	50,504.57	0.00	0.00	0.00	50,50
Pumps Demand	ans (Parking) Demand	No	Electricity	Demand MBH	5.77	0.00	0.00	0.00	
Pumps Demand	Pumps	No	Electricity	Energy use kBtu	23,778.12	0.00	0.00	0.00	23,77
Heal Rejection Demand	Pumps Demand	No	Electricity	Demand MBH	10.53	0.00	0.00	0.00	1
Heal Rejection Demand No Electricity Demand MBH 59.50 0.00									101,65
Service Water Heating (Fossil No Gas Energy use kBtu 2,068,444.13 0.00 0.0				0.2					5
Service Water Heating (Fossil No Gas Demand MBH 236.12 0.00	Service Water Heating (Fossil	No	Carta and	Energy use kBtu	2,068,444.13	0.00	0.00	0.00	2,068,44
Service Water Heating No Electricity Demand MBH 0.00	Service Water Heating (Fossil	No	Gas	Demand MBH	236.12	0.00	0.00	0.00	230
Demand No Electricity Demand MBH 0.00 0		No	Electricity	Energy use kBtu	0.00	0.00	0.00	0.00	(
Refrigeration Demand Yes Electricity Demand MBH 0.00		No	Electricity	Demand MBH	0.00	0.00	0.00	0.00	(
Elevators & Escalators Yes Electricity Energy use kBtu 236,881.09 0.00 0	Refrigeration	Yes	Electricity	Energy use kBtu	0.00	0.00	0.00	0.00	
Elevators & Escalators Yes Electricity Demand MBH 27.04 0.00	Refrigeration Demand	Yes	Electricity	Demand MBH	0.00	0.00	0.00	0.00	1
Demand No Electricity Demand MBH 0.00 0	Elevators & Escalators	Yes	Electricity	Energy use kBtu	236,881.09	0.00	0.00	0.00	236,88
Motors Demand No Electricity Demand MBH 0.00 0		Yes	Electricity	Demand MBH	27.04	0.00	0.00	0.00	21
Motors Demand No Electricity Demand MBH 0.00 0	Motors	No	Electricity	Energy use kBtu	0.00	0.00	0.00	0.00	1
Combined Heat and Power Fossil Fuel)	Motors Demand	No		0,0	0.00	0.00	0.00	0.00	
Combined Heat and Power No Gas Demand MBH 0.00		No	rest times	Energy use kBtu	0.00	0.00	0.00	0.00	(
Humidification (Fossil Fuel) No Gas Energy use kBtu 0.00 0.0	Combined Heat and Power	No	Gas	Demand MBH	0.00	0.00	0.00	0.00	(
Demand No Gas Demand MBH 0.00 0.		No	Gas	Energy use kBtu	0.00	0.00	0.00	0.00	(
Humidification	Humidification (Fossil Fuel)			and the second					(
Flumidification Demand No Electricity Demand MBH 0.00		No	Electricity	Energy use kBtu	0.00	0.00	0.00	0.00	
Total Gas Energy kBtu/year 9,770,518.63 0.00									
Total Electrical Energy KBtu/year		NO	Licotricity	Demand WDH					9.770.51
Octobing Yes Electricity Energy use kBtu 0.00		vear							
Unregulated Energy			ıı/vear						
Office Equipment Yes Electricity Energy use kBtu 1,852,689.50 0.00 0.00 0.00 0.00 Office Equipment Demand Yes Electricity Demand MBH 297.54 0.00 0.00 0.00 0.00 Other Computers/Servers Yes Electricity Demand MBH 0.00 0.00 0.00 0.00 Cooking (Fossil Fuel) Yes Gas Energy use kBtu 0.00 0.00 0.00 0.00 Cooking (Fossil Fuel) Yes Gas Demand MBH 0.00 0.00 0.00 0.00 Cooking (Fossil Fuel) Yes Electricity Energy use kBtu 0.00 0.00 0.00 0.00 Cooking (Fossil Fuel) Yes Electricity Demand MBH 0.00 0.00 0.00 0.00 Cooking (Fossil Fuel) Yes Electricity Demand MBH 0.00 0.00 0.00 0.00 Interior Lighting (Process) Yes Electricity Demand MBH 0.00 0.00 0.00	Total Allitadi Nogalatoa Elloi	gy osc kbi	ary cur	Unregulat		0.00	0.00	0.00	20,010,12
Office Equipment Demand Yes Electricity Demand MBH 297.54 0.00 0.00 0.00 Other Computers/Servers Yes Electricity Energy use kBtu 0.00 0.00 0.00 0.00 Other Computers/Servers Yes Electricity Demand MBH 0.00 0.00 0.00 0.00 Cooking (Fossil Fuel) Yes Gas Energy use kBtu 0.00 0.00 0.00 0.00 Cooking (Fossil Fuel) Yes Gas Demand MBH 0.00 0.00 0.00 0.00 Cooking (Fossil Fuel) Yes Electricity Energy use kBtu 0.00 0.00 0.00 0.00 Cooking Pemand Yes Electricity Demand MBH 0.00 0.00 0.00 0.00 Cooking Pemand Yes Electricity Demand MBH 0.00 0.00 0.00 0.00 Cooking Pemand Yes Electricity Demand MBH 0.00 0.00 0.00 0.00 Interior Lighting (Pr	Office Equipment	Yes	Electricity			0.00	0.00	0.00	1,852,68
Other Computers/Servers Yes Electricity Energy use kBtu 0.00 0.00 0.00 0.00 Other Computers/Servers Yes Electricity Demand MBH 0.00 0.00 0.00 0.00 Cooking (Fossil Fuel) Yes Gas Demand MBH 0.00 0.00 0.00 0.00 Cooking (Fossil Fuel) Yes Electricity Energy use kBtu 0.00 0.00 0.00 0.00 Cooking Demand Yes Electricity Demand MBH 0.00 0.00 0.00 0.00 Interior Lighting (Process) Yes Electricity Energy use kBtu 0.00 0.00 0.00 0.00 Interior Lighting (Process) Yes Electricity Demand MBH 0.00 0.00 0.00 0.00 Interior Lighting (Process) Yes Electricity Demand MBH 0.00 0.00 0.00 0.00 Fans (Process) Yes Electricity Energy use kBtu 0.00 0.00 0.00 0.00				0,					29
Demand Per Demand Per Demand MBH Demand MBH Demand MBH Demand Dema									20
Cooking (Fossil Fuel) Yes Gas Energy use kBtu 0.00 0.00 0.00 0.00 Cooking (Fossil Fuel) Yes Gas Demand MBH 0.00 0.00 0.00 0.00 Cooking Oemand Yes Electricity Energy use kBtu 0.00 0.00 0.00 0.00 Cooking Demand Yes Electricity Demand MBH 0.00 0.00 0.00 0.00 Interior Lighting (Process) Yes Electricity Demand MBH 0.00 0.00 0.00 0.00 Fans (Process) Yes Electricity Energy use kBtu 0.00 0.00 0.00 0.00 Fans (Process) Yes Electricity Demand MBH 0.00 0.00 0.00 0.00 Fans (Process) Demand Yes Electricity Demand MBH 0.00 0.00 0.00 0.00 Other Processes (Fossil Fuel) No Gas Demand MBH 0.00 0.00 0.00 0.00 Other Processe	Other Computers/Servers		THE ACTUAL CONTRACTOR						
Demand Tes Gas Demand Wish Demand		Yes	Gas	Energy use kBtu	0.00	0.00	0.00	0.00	(
Cooking		Yes	Gas	Demand MBH	0.00	0.00	0.00	0.00	
Cooking Demand Yes Electricity Demand MBH 0.00		Yes	Electricity	Energy use kBtu	0.00	0.00	0.00	0.00	
Interior Lighting (Process) Yes Electricity Energy use kBtu 0.00 0.	Cooking Demand	Yes	Electricity	Demand MBH	0.00	0.00	0.00	0.00	
Demand Process Proce		Yes		Energy use kBtu	0.00			0.00	
Fans (Process) Yes Electricity Energy use kBtu 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	nterior Lighting (Process)		1444 - CONVERSOR	500 0000000000000000000000000000000000				0.00	
Fans (Process) Demand Yes Electricity Demand MBH 0.00 0.00 0.00 0.00 Other Processes (Fossil Fuel) No Gas Energy use kBtu 0.00 0.00 0.00 0.00 Other Processes Yes Electricity Energy use kBtu 0.00 0.00 0.00 0.00 Other Processes Demand Yes Electricity Demand MBH 0.00 0.00 0.00 0.00 Total Gas Energy kBtu/year Demand MBH 0.00 0.00 0.00 0.00 Total Electrical Energy kBtu/year 1,852,689.50 0.00 0.00 0.00		Yes	Electricity	Energy use kRtu	0.00	0.00	0.00	0.00	
Other Processes (Fossil Fuel) No Gas Energy use kBtu 0.00									
Other Processes (Fossil Fuel) Demand No Gas Demand MBH 0.00 0.00 0.00 0.00 Other Processes Yes Electricity Energy use kBtu 0.00 0.00 0.00 0.00 Other Processes Demand Yes Electricity Demand MBH 0.00 0.00 0.00 0.00 Total Gas Energy kBtu/year 1,852,689.50 0.00 0.00 0.00 1									
Other Processes Yes Electricity Energy use kBtu 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Other Processes (Fossil Fuel)								
Other Processes Demand Yes Electricity Demand MBH 0.00 0.00 0.00 0.00 Total Gas Energy kBtu/year 0.00 0.00 0.00 0.00 0.00 Total Electrical Energy kBtu/year 1,852,689.50 0.00 0.00 0.00 1		Voc		Engraves LDt					
Total Gas Energy kBtu/year 0.00 0.00 0.00 0.00 Total Electrical Energy kBtu/year 1,852,689.50 0.00 0.00 0.00 1									
Total Electrical Energy kBtu/year 1,852,689.50 0.00 0.00 1		105	Electricity	Demand MBH					
		woor							1 952 69
1,852,889.50 0.00 0.00 0.00 1			Dtuluas-						1,852,68
		iergy use k	Diu/yedf						1,852,68

As per G3.1.3.18, include only 25% of the system reheat energy in the baseline building performance

1.8.1 (b) Baseline Energy Costs (Electricity costs account for user defined transformer losses.)

Energy Type	Baseline 0 rotation (\$)	Baseline 90 rotation (\$)	Baseline 180 rotation (\$)	Baseline 270 rotation (\$)	Baseline Building Performance (\$)
Electricity	316,469.53	0.00	0.00	0.00	316,469.53
Gas	73,003.22	0.00	0.00	0.00	73,003.22
Dil	0.00	0.00	0.00	0.00	0.00
Coal	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	0.0
	0.00	0.00	0.00	0.00	0.0
	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	0.00
Total Baseline Costs:	389,472.75	0.00	0.00	0.00	389,472.7

1.8.2 Performance Rating Table - PRM Compliance (Electricity usage values account for user defined transformer losses.)

End Use	Process	Proposed Design Energy Type	Proposed Design Units	Proposed Building Results	Baseline Design Units	Baseline Building Results	Percent Savings %
			Regulated	Energy			
Interior Lighting	No	Electricity	Energy use kBtu	2,102,779.00	Energy use kBtu	2,156,336.75	
Interior Lighting	No	Electricity	Demand MBH	545.34	Demand MBH	548.90	
				46,433,70			
Exterior Lighting	No	Electricity	Energy use kBtu		Energy use kBtu	87,486.07	
Exterior Lighting	No	Electricity	Demand MBH	8.16	Demand MBH	15.37	
Space Heating (Fossil Fuel)	No	Gas	Energy use kBtu	6,013,890.00	Energy use kBtu	7,702,074.50	
Space Heating (Fossil Fuel)	No	Gas	Demand MBH	3,393.69	Demand MBH	5,671.73	
Space Heating	No	Electricity	Energy use kBtu	4,580,906.50	Energy use kBtu	2,787,121.50	12
Space Heating	No	Electricity	Demand MBH	2,907.01	Demand MBH	906.70	-2
	No			980,955.88		1,592,663.50	-
Space Cooling		Electricity	Energy use kBtu		Energy use kBtu		
Space Cooling	No	Electricity	Demand MBH	735.95	Demand MBH	932.10	
Fans (Interior)	No	Electricity	Energy use kBtu	1,006,699.38	Energy use kBtu	4,168,178.50	
Fans (Interior)	No	Electricity	Demand MBH	320.26	Demand MBH	603.95	
Fans (Parking)	No	Electricity	Energy use kBtu	50,506.39	Energy use kBtu	50,504.57	
Fans (Parking)	No	Electricity	Demand MBH	5.77	Demand MBH	5.77	
		the little and the state of the					-3
Pumps	No	Electricity	Energy use kBtu	102,801.48	Energy use kBtu	23,778.12	
Pumps	No	Electricity	Demand MBH	30.57	Demand MBH	10.53	-1
Heat Rejection	No	Electricity	Energy use kBtu	88,917.47	Energy use kBtu	101,659.37	
Heat Rejection	No	Electricity	Demand MBH	65.01	Demand MBH	59.50	
Service Water Heating (Fossil Fuel)	No	Gas	Energy use kBtu	2,068,444.13	Energy use kBtu	2,068,444.13	
Service Water Heating (Fossil Fuel)	No	Gas	Demand MBH	236.12	Demand MBH	236.12	
Service Water Heating	No	Electricity	Energy use kBtu	0.00	Energy use kBtu	0.00	
Service Water Heating					Demand MBH		
The state of the s	No	Electricity	Demand MBH	0.00		0.00	
Refrigeration	Yes	Electricity	Energy use kBtu	0.00	Energy use kBtu	0.00	
Refrigeration	Yes	Electricity	Demand MBH	0.00	Demand MBH	0.00	
Elevators & Escalators	Yes	Electricity	Energy use kBtu	236,881.09	Energy use kBtu	236,881.09	
Elevators & Escalators	Yes	Electricity	Demand MBH	27.04	Demand MBH	27.04	
Motors	No	Electricity	Energy use kBtu	0.00	Energy use kBtu	0.00	
					9,		
Motors	No	Electricity	Demand MBH	0.00	Demand MBH	0.00	
Combined Heat and Power (Fossil Fuel)	No	Gas	Energy use kBtu	0.00	Energy use kBtu	0.00	
Combined Heat and Power (Fossil Fuel)	No	Gas	Demand MBH	0.00	Demand MBH	0.00	
Humidification (Fossil Fuel)	No	Gas	Energy use kBtu	0.00	Energy use kBtu	0.00	
Humidification (Fossil Fuel)	No	Gas	Demand MBH	0.00	Demand MBH	0.00	
Humidification	No	Electricity	Energy use kBtu	0.00	Energy use kBtu	0.00	
Humidification	No		Demand MBH	0.00	Demand MBH	0.00	
	NO	Electricity	Demand Wibn		Demand Wibn		
Total Gas Energy kBtu/year				19,131,904.52		9,770,518.63	1
Total Electrical Energy Use kE	3tu/year			19,131,904.52		11,204,609.47	1
Total Annual Regulated Energ	y Use kBtu/y	rear		19,131,904.52		20,975,128.10	1
			Unregulated	Energy			
Office Equipment	Yes	Electricity	Energy use kBtu		Energy use kBtu	1,852,689.50	
Office Equipment	Yes	Electricity	Demand MBH	297.54	Demand MBH	297.54	
Other Computers/Servers	Yes	Electricity	Energy use kBtu	0.00	Energy use kBtu	0.00	
Other Computers/Servers	Yes	Electricity	Demand MBH	0.00	Demand MBH	0.00	
Cooking (Fossil Fuel)	Yes	Gas	Energy use kBtu	0.00	Energy use kBtu	0.00	
Cooking (Fossil Fuel)	Yes	Gas	Demand MBH	0.00	Demand MBH	0.00	
		Electricity	Energy use kBtu		Energy use kBtu	0.00	
Cooking	Yes			0.00			
Cooking	Yes	Electricity	Demand MBH	0.00	Demand MBH	0.00	
Interior Lighting (Process)	Yes	Electricity	Energy use kBtu	0.00	Energy use kBtu	0.00	
Interior Lighting (Process)	Yes	Electricity	Demand MBH	0.00	Demand MBH	0.00	
Fans (Process)	Yes	Electricity	Energy use kBtu	0.00	Energy use kBtu	0.00	
Fans (Process)	Yes	Electricity	Demand MBH	0.00	Demand MBH	0.00	
Other Processes (Fossil Fuel)	No	Gas	Energy use kBtu	0.00	Energy use kBtu	0.00	
Other Processes (Fossil Fuel)	No	Gas	Demand MBH	0.00	Demand MBH	0.00	
Other Processes	Yes	Electricity	Energy use kBtu	0.00	Energy use kBtu	0.00	
Other Processes	Yes	Electricity	Demand MBH	0.00	Demand MBH	0.00	
Total Gas Energy Use kBtu/ye		174 B 2007 S 1/2 S 2007 L	II SASSANIA III II III II II II II II II II II II	19,131,904.52		0.00	
						1,852,689.50	
Total Electrical Energy Use kE				19,131,904.52			
Total Annual Unregulated Ene	ergy use KBti	ı/year		19,131,904.52		1,852,689.50	
Total Energy kBtu/year				19,131,904.52		22,827,817.60	1

roposed Baseline Base

	Energy Use	Cost (\$)	Ene	rgy Use	Cost		
		(4)			(\$)		
kBtu	11,049,570.39	267,808.24	13,0	057,298.96	316,469.	53	0.84
kBtu	8,082,334.13	60,389.45	9,	770,518.63	73,003.	22	0.83
	19,131,904.52	328,197.69	22,8	827,817.59	389,472.	75	0.84
Energy Generated (kBtu)	Renewable Energy Cost (\$)				Narrativ	e	
0.00	(0.00		(Generated from	n source	
0.00	(0.00	00 Generated from source				
0.00	(0.00	OO Generated from source				
Energy Savings	Cost Savings				Narrative		
	Units	Pro	posed	Design	Baseline	Design	Performance Cost Index
		Energy	use	Cost (\$)	Energy use	Cost (\$)	(PCI)
	kBtu	19,131,	904.5		22,827,817. 59	389,472.75	0.84
	kBtu	19,131,	904.5	328,197.69	22,827,817. 59	389,472.75	0.84
	Energy Generated (kBtu) 0.00 0.00 0.00 Energy Savings	Energy Generated (kBtu) 0.00 0.00 0.00 0.00 Energy Savings 19,131,904.52 Renewable Energy Cost (\$) Cost Savings Units kBtu kBtu	19,131,904.52 328,197.69	19,131,904.52 328,197.69 22,3	19,131,904.52 328,197.69 22,827,817.59 Renewable Energy Cost (\$)	19,131,904.52 328,197.69 22,827,817.59 389,472.23 Energy Generated (kBtu)	19,131,904.52 328,197.69 22,827,817.59 389,472.75 Energy Generated (kBtu)

The Proposed design model is based on the permit drawing set.

The baseline design model is based on 2018 IECC 2018 C407.5.

The Proposed model saves 15.7% over the baseline design model, complying with 2018 IECC 2018 C401.2 option 3.