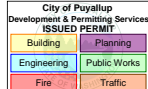


MECHANICAL COMPLIANCE SUMMARY

2021 WSEC Compliance Forms for Commercial Buildings including Group R1, R2, and Group R3 & R4 over 3 stories

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Project & Applicant Information	Project Title	Centeris Data Center DDC Expansion 2024 - 2021 WSEC	For Building Department Use: PRMH20241875	
	Project Address	1023 39th Avenue SE Puyallup, WA 98374		
	Applicant Name	Paul Greenwalt		
	Applicant Phone	425-628-6126		
	Applicant Email	pgreenwalt@woodharbinger.com		
		Date: Dec 9, 2024		

Mechanical Compliance Summary Scope - Compliance verification provided in this report is limited to code minimum efficiency requirements for mechanical equipment types defined in Tables C403.3.2(1) through C403.3.2(16) of the 2021 WSEC-C. This includes efficiency multipliers for economizer exceptions. Performance criteria for additional energy efficiency and load management measures ARE NOT included in this report. Additional documentation is required to demonstrate compliance with all other provisions of the energy code, including better than code efficiency criteria for Section C406. For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com.

General Occupancy	All Commercial		General Building Use Type(s)	Technology, Data Center		Building Cond. Floor Area	56,000
General Project Types	Alteration	New Building or Addition Mechanical Scope		Alteration Mechanical Scope	Central Plant Systems	Project Cond. Floor Area	5,000
						Floors Above Grade	3
						Overall Compliance Path	General Prescriptive
						Mechanical Project Description	

Mechanical Compliance Scope and Method	Project Type	Mechanical Scope	Economizer Exception(s) Applied?	DOAS Ventilation Provided?	Equipment Efficiency Compliance Verification	
	Alteration	Central Plant Systems	Yes	NA		COMPLIES
Additional Energy Efficiency Measures (AEM)	No mechanical additional energy efficiency measures included in project			Load Management Measures (LDM)	No mechanical load management measures included in project	
Does building include occupancy classifications requiring DOAS?			No	Does project include DOAS equipment?		No
Based on project scope do TSPR requirements apply?			No	Do all systems comply with Appendix D standard reference design or qualify for an exception to TSPR?		No

Scope & Space Conditioning	ALTERATION - CENTRAL PLANT SYSTEMS	Compliance Verification	COMPLIES
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Chilled Water Plant

Equipment Efficiency Information												
Equipment Type	Equipment ID	Cooling Capacity (Tons)	Efficiency Path	Econo Exception Multipliers (Full/IPLV)		Required Full Load Efficiency (Code Min + Econo)	Required IPLV Efficiency (Code Min + Econo)	Proposed Full Load Efficiency	FL Units	Proposed IPLV Efficiency	PL Units	Efficiency Compliance Verification
Chiller, water cooled												
Centrifugal	CH-1,2,3	575	Path A	0	0	0		.343	kW/ton	.211	kW/ton	COMPLIES

Equipment Details				
Equipment Type	Equipment ID	Cooling Load Served	Location in Project Documents - Plan/Detail #	System/Equip Compliance Path
Chiller, water cooled				
Centrifugal	CH-1,2,3	Process cooling only	NA	General Prescriptive
	WSEC Equipment Efficiency Reference Table: Table C403.3.2(3) Water Chilling Packages		Proposed chiller efficiencies per AHRI conditions? (WC-Centrifugal): Yes	
	Air-side economizer exception applied?: None applied		Serves non-standard temp applications (exempt)?: No	
	Cooling Load Served: Process cooling only			