

## Weatherization Assistant Setup Library Information

WA 8.9.0.5 - [Setup Library]

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Library Name **19-4 Supply Library** References

Setup Library Information Key Parameters Fuel Costs (2) Fuel Price Indices Library Measures User Defined Measures (8) NEAT Insulation Types

Economics Set Points Insulation Equipment Windows

Name	Value	Units
▶ Peel discount rate	10	%
Minimum acceptable SIR	1	Factor

Record: 1 of 2

NEAT

VIEW Site Built (NEAT) Key Parameters

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Economics Set Points Insulation Equipment Windows

Name	Value	Units
▶ Heating setpoint (daytime)	70	deg F
Heating setpoint (nighttime)	70	deg F
Cooling setpoint (daytime)	78	deg F
Cooling setpoint (nighttime)	78	deg F
Night setback	3	deg F

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VIEW Site Built (NEAT) Key Parameters

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EconomicsSet PointsInsulationEquipmentWindows

Name	Value	Units
Avg annual outside film coeff	2.35	BTU/hr-sqft-F
Uninsulated R-value for 'Other' wall type	4.42	F-sqft-hr/Btu
R-value for 'Other' exterior siding type	0.6	F-sqft-hr/Btu
R-value per Inch for the 'Other' existing ceiling insulation type	3.09	F-sqft-hr/Btu-in
Added duct insulation R-value	11	F-sqft-hr/Btu
Water heater wrap added R value	11	F-sqft-hr/Btu
Base value of free heat from internals	2600	BTU/hr

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VIEWSite Built (NEAT) Key Parameters

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EconomicsSet PointsInsulationEquipmentWindows

Name	Value	Units
Window A/C replacement SEER	11	Btu/wh
Central A/C replacement SEER	13	Btu/wh
Heat pump replacement SEER (Cooling)	13	Btu/wh
SEER used to impute cooling savings	13	na
Low flow shower head flow rate	2.5	gal/min
Refrigerator defrost cycle energy	0.08	kWh

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VIEWSite Built (NEAT) Key Parameters



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Library Name <b>19-4 Supply Library</b> References			
Setup Library Information   Key Parameters   Fuel Costs (2)   Fuel Price Indices   Library Measures   User Defined Measures (8)   NEAT Insulation Types			
Fuel Type	Year	Price Index	UPW Factor
Natural Gas	0	1.00	1.00
Natural Gas	1	0.97	0.94
Natural Gas	2	0.97	1.85
Natural Gas	3	0.96	2.73
Natural Gas	4	0.96	3.58
Natural Gas	5	0.97	4.42
Natural Gas	6	0.98	5.24
Natural Gas	7	1.00	6.05
Natural Gas	8	1.01	6.85
Natural Gas	9	1.03	7.64
Natural Gas	10	1.05	8.42
Natural Gas	11	1.07	9.19
Natural Gas	12	1.09	9.96
Natural Gas	13	1.11	10.71
Natural Gas	14	1.13	11.46
Natural Gas	15	1.14	12.19
Natural Gas	16	1.16	12.92
Natural Gas	17	1.17	13.62
Natural Gas	18	1.18	14.32
Natural Gas	19	1.19	15.00
Natural Gas	20	1.20	15.66
Natural Gas	21	1.22	16.32
Natural Gas	22	1.23	16.96
Natural Gas	23	1.25	17.59
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