



GreenLine Data Summary

Institution Information

General	
Address	
Institution Name	Oregon Institute of Technology
Street Address	3201 Campus Drive
Street Address2	
City	Klamath Falls
State	Oregon
Zip	97601
Classification	
Carnegie Class	Bac/A&S: Baccalaureate Colleges—Arts & Sciences
Control	Private Non-Profit
Urbanization	Rural
CBECS Climate Zone	2
Athletic Conference	
Other Affiliations	

Notes: Student, faculty and staff data obtained through OUS.EDU and Reporting

GSF verified through ROPA analysis -- is inclusive of the University's total campus.

Space ar	nd Population		FY2004	FY2005	FY2006	FY2007	FY2008
•	uare Footage						
	Total Campus GSF	GSF	569,008	569,008	569,008	569,008	614,008
	Total GSF in Footprint	GSF	569,008	569,008	569,008	569,008	614,008
	GSF Teaching and Research Lab	GSF	-	-	-	-	-
	GSF Medical/Dental	GSF	-	-	-	-	-
	GSF Residential	GSF	-	-	-	-	-
Student	Population						
	Residential Students	Headcount					
	Full-time Commuter Students	Headcount					
	Part-time Commuter Students	Headcount					
	Non-credit Students	Headcount					
	Total Enrollment (Plugged)	FTE	2,413	2,410	2,316	2,212	2,312
Plug	Total Enrollment	FTE	2,413	2,410	2,316	2,212	2,312
Faculty							
	Full-time Faculty	Headcount					
	Part time Faculty	Headcount					
	Total Faculty (Plugged)	FTE	114	119	126	132	142
Plug	Total Faculty	FTE	114	119	126	132	142
Staff							
	Full Time Staff	Headcount					
	Part Time Staff	Headcount					
	Total Staff (Plugged)	FTE	250	262	274	287	292
Plug	Total Staff	FTE	250	262	274	287	292
Total Us	ers						
	Total Campus FTE	FTE	2,777	2,791	2,716	2,631	2,746





GreenLine Data Summary

Contacts and Goals

Contact Information	
Primary Contact	
Name	Cristina Negoita
Title	Interim Sustainability Co-Coordinator
Department	Oregon Renewable Energy Center
Email	
Phone	
Responsible Entity	

Climate Planning Status	
ACUPCC	
ACUPCC Signatory	
Date Signed	
Implementation Start Date	

Cllimate Targets	
Target 1	
% Reduction	
Baseline Year	
Goal Year	
Adjusted For	
Target 2	
% Reduction	
Baseline Year	
Goal Year	
Adjusted For	
Target 3	
% Reduction	
Baseline Year	
Goal Year	
Adjusted For	
Climate Neutrality	
Goal for CN	

Emissions Calculator
Emissions Tool Used
f not CA-CP, please describe
Description of why tool used

Boundaries
Please describe institutional boundaries:
Describe omissions and future plan for measurement:



GreenLine Data Summary

Tangible Actions

ACUPCC Tangible Actions							
Which Tangible Actions is your In	stitution Taking? (Select Yes or No)						
1) LEED Silver	Yes						
If yes, elaborate All new OIT campus construction meets the US Green Building Council LEED Silver standards. The State of Oregon requires all new state facilities to meet LEED Standards, thus as part of the Oregon University System, OIT adheres to this requirement.							
2) ENERGY STAR APPLIANCES	No						
If yes, elaborate							
	No information provided.						
3) Offset Air Travel	No						
If yes, elaborate							
	No information provided.						
4) Public Transportation	Yes						
If yes, elaborate	OIT's main campus provides free-of-charge access to all its constituents on the regional transit system, Basin Transit System. The financial support for this service comes from the Finance and Administration Department, through the Education and General Funds at OIT.						
5) 15% Renewable Energy	Yes						
If yes, elaborate	In March 2008, OIT began planning for use of its own existing geo-thermal wells and for construction of a low-temperature geothermal power plant that will provide approximately 15% of the institution's current efectricity consumption. Production will begin June 2009. This is an ambitious project that will make OIT the only campus in the US producing its own geothermal electricity.						
6) Sustainable Endowments	No						
If yes, elaborate							
	No information provided.						
7) Recyclemania	No						
If yes, elaborate							
	No information provided.						

Summary of Tangible Actions

- 1. Establish a policy that all new campus construction will be built to at least the U.S. Green Building Council's LEED Silver standard or equivalent.
- 2. Adopt an energy-efficient appliance purchasing policy requiring purchase of ENERGY STAR certified products in all areas for which such ratings exist.
- 3. Establish a policy of offsetting all greenhouse gas emissions generated by air travel paid for by our institution.
- 4. Encourage use of and provide access to public transportation for all faculty, staff, students and visitors at our institution.
- 5. Within one year of signing this document, begin purchasing or producing at least 15% of our institution's electricity consumption from renewable sources.
- 6. Establish a policy or a committee that supports climate and sustainability shareholder proposals at companies where our institution's endowment is invested.
- 7. Participate in the Waste Minimization component of the national RecycleMania competition, and adopt 3 or more associated measures to reduce waste.



GreenLine Data Summary

Scope 1: Utilities

On-campus Cogeneration F	Plant	FY2004	FY2005	FY2006	FY2007	FY2008
Total Cogen Plant	MTeCO2	-	-	-	-	-

Fossil Fuel - Non Cogen Facil	ity	FY2004	FY2005	FY2006	FY2007	FY2008
Input						
Residual Oil #5 and #6	Gallons					
Distilate Oil #1 - #4	Gallons					
Natural Gas	MMBTU	1,493	1,872	1,833	1,731	2,014
Propane	Gallons					
Coal	Tons					
GHG Emissions - MTeCO ₂						
Non-Cogen GHG	MTeCO ₂	79	99	97	92	96
Total Non Cogen Plant	MTeCO2	79	99	97	92	96

Subtotal GHG Emissions		FY2004	FY2005	FY2006	FY2007	FY2008
Scope 1 Util GHG	MTeCO ₂	79	99	97	92	96

Notes: Fossil fuel information provided for the entire campus. Additional breakdown in consumption avilable in base data documents.



GreenLine Data Summary

Scope 2: Utilities

Electric Purchases		FY2004	FY2005	FY2006	FY2007	FY2008
Units Purchased						
Electricity Purchased	kWh	6,911,699	7,530,354	7,135,117	7,788,766	8,605,407
GHG Emissions - MTeCO ₂						
Electricity GHG	MTeCO ₂	2,290	2,495	2,364	2,581	2,851
Total Electric	MTeCO2	2,290	2,495	2,364	2,581	2,851

Steam		FY2004	FY2005	FY2006	FY2007	FY2008
Units Purchased						
Steam	MMBTU	-	-	-	-	-
GHG Emissions - MTeCO	2					
Steam GHG	MTeCO ₂	-	-	-	-	-
Total Steam	MTeCO2	-	-	-	-	-

Chilled Water		FY2004	FY2005	FY2006	FY2007	FY2008
Units Purchased						
Chilled Water	MMBTU	-	-	-	-	-
GHG Emissions - MTeCO ₂						
CHW GHG	MTeCO ₂	-	-	-	-	-
Total Chilled Water	MTeCO2	-	-	-	-	-

Subtotal GHG Emissions		FY2004	FY2005	FY2006	FY2007	FY2008
Scope 2 Util GHG	MTeCO ₂	2,290	2,495	2,364	2,581	2,851

Notes: Electricity shown is for the entire campus. Separate metering information is avilable in the base data documents.



GreenLine Data Summary

Transportation

Vehicle Fleet		FY2004	FY2005	FY2006	FY2007	FY2008
Fuel Consumed						
Gasoline	Gallons	1,400	5,808	4,557	4,691	-
Diesel	Gallons	6,093	1,072	901	1,402	-
Natural Gas	MMBTU					
Electric	kWh					
Other	MMBTU					
GHG Emissions - MTeCO ₂						
Fleet GHG	MTeCO ₂	74	63	50	56	-
Total Fleet	MTeCO2	74	63	50	56	-

Commuting		FY2004	FY2005	FY2006	FY2007	FY2008
Fuel Consumed						
Faculty / Staff Gasoline	Gallons	74,118	77,647	81,525	85,407	88,371
Students Gasoline	Gallons	87,789	87,658	84,238	80,484	84,111
Faculty / Staff Diesel	Gallons					
Students Diesel	Gallons					
Faculty / Staff Electric	kWh					
Students Electric	kWh					
Total	Gallons	161,907	165,305	165,763	165,891	172,482
GHG Emissions - MTeCO ₂						
Student Commute GHG	MTeCO ₂	784	783	753	719	751
Faculty/Staff Commute GHG	MTeCO ₂	662	694	728	763	790
Total Commute	MTeCO2	1,446	1,477	1,481	1,482	1,541

Air Travel		FY2004	FY2005	FY2006	FY2007	FY2008
Miles Flown						
Faculty / Staff Business	Miles	-	-	-	-	-
Student Programs	Miles	-	-	-	-	-
Total	Miles	-	-	-	-	-
GHG Emissions - MTeCO ₂						
Faculty / Staff Airline GHG	MTeCO ₂	-	-	-	-	-
Student Programs Airline GHG	MTeCO ₂	-	-	-	-	-
Total Air Travel	MTeCO2	-	-	-	-	-

Subtotal GHG Emissions		FY2004	FY2005	FY2006	FY2007	FY2008
Tranportation GHG	MTeCO ₂	1,520	1,540	1,531	1,538	1,541

Notes: Commuting information from based on the general OUS Alterantive Transportation Choices 2005 report. Data has been updated based on the mix of students, but not commuting modes.

Collecting the FY2008 fleet vehicle information.

Did not receive a report regarding Air Travel



GreenLine Data Summary

Other GHG Sources

Agriculture		FY2004	FY2005	FY2006	FY2007	FY2008
Animal Agriculture						
Dairy Cows	Headcount	-	-	-	-	-
Beef Cows	Headcount	-	-	-	-	-
Swine	Headcount	-	-	-	-	-
Goats	Headcount	-	-	-	-	-
Sheep	Headcount	-	-	-	-	-
Horses	Headcount	-	-	-	-	-
Poultry	Headcount	-	-	-	-	-
Other	Headcount	-	-	-	-	-
Fertilizer						
Synthetic Amount	Pounds	2,000	-	2,000	-	-
Synthetic % N	%					
Organic Amount	Pounds	-	-	-	-	-
Organic % N	%					
GHG Emissions - MTeCO ₂						
Agriculture GHG	MTeCO ₂	8	-	8	-	-
Total Agriculture	MTeCO2	8	-	8	-	-

Solid Waste		FY2004	FY2005	FY2006	FY2007	FY2008
Waste Disposed						
Mass Burn Incinerator	Short Tons					
Refuse Derived Fuel (RDF) Incinerator	Short Tons					
Landfilled - no CH4 Recovery	Short Tons	37	37	37	36	38
Landfilled - CH4 Recovery and Flaring	Short Tons					
Landfilled - CH4 Recovery and Electric Generation	Short Tons					
Total	Short Tons	37	37	37	36	38
GHG Emissions - MTeCO ₂						
Solid Waste GHG	MTeCO ₂	37	37	37	35	38
Total Solid Waste	MTeCO2	37	37	37	35	38

Refrigerants and Other Chemicals		FY2004	FY2005	FY2006	FY2007	FY2008
Гуре (Please List)						
R-123	Pounds					
	Pounds					
	Pounds					
	Pounds					
	Pounds					
Total	Pounds	-	-	-	-	-
GHG Emissions - MTeCO ₂						
Refrigerant GHG	MTeCO ₂	-	-	-	-	-
Total Refrigerants and Other	MTeCO2			-	-	-

Other Scope 3 Sources		FY2004	FY2005	FY2006	FY2007	FY2008
Type (Please List)						
	MTeCO ₂					
	MTeCO ₂					
	MTeCO ₂					
	MTeCO ₂					
	MTeCO ₂					
Total Other Scope 3	MTeCO2	-	-	-	-	-

Notes: Still collecting the FY2008 Fertilizer information. Also, confirming the nitrogen content of historial data.

Information regarding other GHG not reported. Will incorporate into the analysis once obtained or tracked.



GreenLine Data Summary

Offsets

		FY2004	FY2005	FY2006	FY2007	FY2008
'ender, Project, etc.)						
	MTeCO ₂					
	MTeCO ₂					
	MTeCO ₂					
	MTeCO ₂					
	MTeCO ₂					
otal Purchased Offsets	MTeCO2	-	-	-	-	-
of Total Scope 1 and 2 Offset ffset Standards (List)	%	0%	0%	0%	0%	0%
	of Total Scope 1 and 2 Offset	MTeCO ₂ MTeCO ₂ MTeCO ₂ MTeCO ₂ MTeCO ₂ MTeCO ₂ otal Purchased Offsets MTeCO ₂ of Total Scope 1 and 2 Offset %	MTeCO ₂ MTeCO ₂ MTeCO ₂ MTeCO ₂ MTeCO ₂ MTeCO ₂ Total Purchased Offsets MTeCO ₂ MTeCO ₂ MTeCO ₃ MTeCO ₄ MTeCO ₅ MTeCO ₆ MTeCO ₇ MTeCO ₈ MTeCO ₉ MTeCO	MTeCO2 MTeCO2 MTeCO2 MTeCO2 MTeCO2 **Stal Purchased Offsets	MTeCO2 MTeCO2 MTeCO2 MTeCO2 MTeCO2 **Total Purchased Offsets MTeCO2	MTeCO2 MTeCO2 MTeCO2 MTeCO2 MTeCO2 **Total Purchased Offsets MTeCO2

Offsets		FY2004	FY2005	FY2006	FY2007	FY2008
Renewable Energy Certificates						
Purchased REC's	kWh	-	-	-	-	-
Emissions Reductions from REC's	MTeCO ₂	-	-	-	-	-
% of Purchased Electricity Mitigate REC Certification (List)	d %	0%	0%	0%	0%	0%

Other Offsets			FY2004	FY2005	FY2006	FY2007	FY2008
	Compost	MTeCO ₂					
	Forest Sequestration	MTeCO ₂					
	Other1	MTeCO ₂					
	Other2	MTeCO ₂					
	Other3	MTeCO ₂					
	Total Other Offsets	MTeCO ₂	-	-	-	-	-
	Method of Calculations						

Total Offsets		FY2004	FY2005	FY2006	FY2007	FY2008
Total Offsets	MTeCO ₂	-	-	-	-	-

Notes: University does not purchase RECs or track other forms of offsets.



GreenLine Data Summary

GHG Summary

Total Emissions		FY2004	FY2005	FY2006	FY2007	FY2008
Scope 1						
Utility Combustion	MTeCO ₂	79	99	97	92	96
Vehicle Fleet	MTeCO ₂	74	63	50	56	-
Agriculture	MTeCO ₂	8	-	8	-	-
Refrigerants and Chemicals	MTeCO ₂	-	-	-	-	-
Total Scope 1	MTeCO2	161	162	155	148	96
Scope 2						
Purchased Electricity	MTeCO ₂	2,290	2,495	2,364	2,581	2,851
Purchased Steam	MTeCO ₂	-	-	-	-	-
Purchased Chilled Water	MTeCO ₂	-	-	-	-	-
Total Scope 2	MTeCO2	2,290	2,495	2,364	2,581	2,851
Scope 3						
Commuting	MTeCO ₂	1,446	1,477	1,481	1,482	1,541
Air Travel	MTeCO ₂	-	-	-	-	-
Solid Waste	MTeCO ₂	37	37	37	35	38
Other Scope 3	MTeCO ₂	-	-	-	-	-
Total Scope 3	MTeCO2	1,483	1,514	1,518	1,517	1,579

Total Gross GHG Emissions		FY2004	FY2005	FY2006	FY2007	FY2008
Total Gross GHG Emissions	MTeCO ₂	3,934	4,171	4,037	4,246	4,526

Offsets		FY2004	FY2005	FY2006	FY2007	FY2008
Offsets						
Purchased Offsets	MTeCO ₂	-	-	-	-	-
Renewable Energy Certificates	MTeCO ₂	-	-	-	-	-
Other Offsets	MTeCO ₂	-	-	-	-	-
Total Offsets	MTeCO2	-	-	-	-	-

Total Net GHG Emissions		FY2004	FY2005	FY2006	FY2007	FY2008
Total Net GHG Emissions	MTeCO ₂	3,934	4,171	4,037	4,246	4,526

Describe Boundaries Covered in GHG Inventory



GreenLine Data Summary

GHG Benchmarks

Total Emissions		FY2004	FY2005	FY2006	FY2007	FY2008
Gross Emissions						
Scope 1	MTeCO ₂	161	162	155	148	96
Scope 2	MTeCO ₂	2,290	2,495	2,364	2,581	2,851
Scope 3	MTeCO ₂	1,483	1,514	1,518	1,517	1,579
Total Gross Emissions	MTeCO2	3,934	4,171	4,037	4,246	4,526
Net Emissions						
Offsets	MTeCO ₂	-	-	-	-	-
Total Net Emissions	MTeCO2	3,934	4,171	4,037	4,246	4,526

Emissions per FTE Student		FY2004	FY2005	FY2006	FY2007	FY2008
Gross Emissions						
Scope 1	MTeCO ₂	0.07	0.07	0.07	0.07	0.04
Scope 2	MTeCO ₂	0.95	1.04	1.02	1.17	1.23
Scope 3	MTeCO ₂	0.61	0.63	0.66	0.69	0.68
Total Gross Emissions	MTeCO2	1.63	1.73	1.74	1.92	1.96
Net Emissions						
Offsets	MTeCO ₂	-	-	-	-	-
Total Net Emissions	MTeCO2	1.63	1.73	1.74	1.92	1.96

Emissions per Campus User		FY2004	FY2005	FY2006	FY2007	FY2008
Gross Emissions						
Scope 1	MTeCO ₂	0.06	0.06	0.06	0.06	0.03
Scope 2	MTeCO ₂	0.82	0.89	0.87	0.98	1.04
Scope 3	MTeCO ₂	0.53	0.54	0.56	0.58	0.57
Total Gross Emissions	MTeCO2	1.42	1.49	1.49	1.61	1.65
Net Emissions						
Offsets	MTeCO ₂	-	-	-	-	-
Total Net Emissions	MTeCO2	1.42	1.49	1.49	1.61	1.65

Emissions per 1,000 GSF		FY2004	FY2005	FY2006	FY2007	FY2008
Gross Emissions						
Scope 1	MTeCO2	0.28	0.28	0.27	0.26	0.16
Scope 2	MTeCO2	4.02	4.38	4.15	4.54	4.64
Scope 3	MTeCO2	2.61	2.66	2.67	2.67	2.57
Total Gross Emissions	MTeCO2	6.91	7.33	7.09	7.46	7.37
Net Emissions						
Offsets	MTeCO2	-	-	-	-	-
Total Net Emissions	MTeCO2	6.91	7.33	7.09	7.46	7.37

Greenhouse gas emission calculations are based on the Clean Air - Cool Planet $\it Campus \, Carbon \, Calculator$. For more information on this tool, please visit www.cleanair-coolplanet.org.



GreenLine Data Summary

Green Construction

Policy		The system has adopted a policy to build new facilities to LEED Silver standards.
Institution has a formal green buidling		It is then up to each institution to certify the facility.
policy	Yes	
If yes, does it specificy LEED level?	Silver	

LEED Certification		FY2004	FY2005	FY2006	FY2007	FY2008
# of Buildings						
LEED Certified	#	-	-	-	-	-
LEED Silver	#	-	-	-	-	-
LEED Gold	#	-	-	-	-	-
LEED Platinum	#	-	-	-	-	-
LEED EB	#	-	-	-	-	-
Other	#	-	-	-	-	-
Total LEED Buildings	#	-	-	-	-	-
GSF						
LEED Certified	GSF	-	-	-	-	-
LEED Silver	GSF	-	-	-	-	-
LEED Gold	GSF	-	-	-	-	-
LEED Platinum	GSF	-	-	-	-	-
LEED EB	GSF	-	-	-	-	-
Other	GSF	-	-	-	-	-
Total LEED GSF	GSF	-	-	-	-	-
LEED Calculations						
% of Total Building Space	GSF	0%	0%	0%	0%	0%

Non-certified Green Buildings		FY2004	FY2005	FY2006	FY2007	FY2008
# of Buildings						
Non-certified Buildings	#	-	-	-	-	-
Total Non-certified Buildings	#	-	-	-	-	-
GSF						
Non-certified GSF	GSF	-	-	-	-	-
Total Non-certified GSF	GSF	-	-	-	-	-
Non-certified Calculations						
% of Total Building Space	GSF	0%	0%	0%	0%	0%

Total Green Buildings		FY2004	FY2005	FY2006	FY2007	FY2008
# of Buildings						
Total # of Green Buildings	#	-	-	-	-	-
Total # of Green Buildings	#	-	-	-	-	-
GSF						
Total GSF of Green Buidlings	GSF	-	-	-	-	-
Total GSF of Green Buidlings	GSF	-	-	-	-	-
Total Green Building Calculations						
% of Total Building Space	GSF	0%	0%	0%	0%	0%



GreenLine Data Summary

Waste and Water

Waste and Recycling		FY2004	FY2005	FY2006	FY2007	FY2008
Waste						
Total Waste (exc. Recycling)	Tons	37	37	37	36	38
Less Construction Waste	Tons	-	-	-	-	-
Total Personal Waste	Tons	37	37	37	36	38
Recycling						
Total Recycling	Tons	-	-	=	=	-
Total Recycling	Tons	-	-	-	-	-
Waste Calculations						
% of Waste Recycled	%	0%	0%	0%	0%	0%
Waste per Student	Tons	0.02	0.02	0.02	0.02	0.02
Recycling per Student	Tons	-	-	-	-	-
Waste per Community Member	Tons	0.01	0.01	0.01	0.01	0.01
Recycling per Community Member	Tons	-	-	-	-	-

Water		FY2004	FY2005	FY2006	FY2007	FY2008
Water						
Total Water	Gallons	183,841,000	160,151,000	182,987,000	187,470,000	158,155,000
Less Irrigation	Gallons	-	-	-	-	-
Less Utility System	Gallons	-	-	-	-	-
Total Personal Water	Gallons	183,841,000	160,151,000	182,987,000	187,470,000	158,155,000
Water Calculations						
Water per Student	Gallons	25,935	22,413	25,614	26,214	21,990
Water per Community Member	Gallons	22,538	19,430	22,286	22,786	19,085

Notes: Water and waste information collected for E&G and Auxiliary departments.