NEW ZEALAND

ENGINEERING

		TEAM SCORE				POINTS
		APPROACH	EQUALS	EXCEEDS	ECLIPSES	/100
CONTEST CRITERIA		0-60%	61-80%	81-90%	91-100%	
A.	**FUNCTIONALITY**					
1	Do the systems function as intended?				X	
2	Does the HVAC system maintain indoor air quality via contaminant control, fresh air ventilation, or both?			X		
3	Does the HVAC system maintain uniform thermal comfort conditions via temperature control, humidity control, air movement, and a successful distribution system design?			X		
B.	**EFFICIENCY**					
1	Relative to conventional systems, how much energy will the systems save over the course of an entire year?			X		
2	Do the HVAC and lighting controls facilitate a reduction in energy consumption during an entire year of operation?			X		
C.	**INNOVATION**					
1	Were any unique approaches used to solve design challenges?				X	
2	Do the proposed innovations have true market potential?				X	
D.	**RELIABILITY**					
1	How long are the systems expected to operate at a high level of performance?				X	
2	How much maintenance is required to keep them operating at a high level?			X		
E.	**DOCUMENTATION**					
1	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation enable the jury to conduct a preliminary evaluation of the design prior to its arrival at the competition site?			X		
2	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation accurately reflect the constructed project as assembled on the competition site?			X		
Total						93

TEAM FLORIDA

ENGINEERING

		TEAM SCORE				POINTS
		APPROACH	EQUALS	EXCEEDS	ECLIPSES	/100
CONTEST CRITERIA		0-60%	61-80%	81-90%	91-100%	
A.	**FUNCTIONALITY**					
1	Do the systems function as intended?		X			
2	Does the HVAC system maintain indoor air quality via contaminant control, fresh air ventilation, or both?		X			
3	Does the HVAC system maintain uniform thermal comfort conditions via temperature control, humidity control, air movement, and a successful distribution system design?		X			
B.	**EFFICIENCY**					
1	Relative to conventional systems, how much energy will the systems save over the course of an entire year?		X			
2	Do the HVAC and lighting controls facilitate a reduction in energy consumption during an entire year of operation?		X			
C.	**INNOVATION**					
1	Were any unique approaches used to solve design challenges?		X			
2	Do the proposed innovations have true market potential?	X				
D.	**RELIABILITY**					
1	How long are the systems expected to operate at a high level of performance?	X				
2	How much maintenance is required to keep them operating at a high level?	X				
E.	**DOCUMENTATION**					
1	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation enable the jury to conduct a preliminary evaluation of the design prior to its arrival at the competition site?	X				
2	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation accurately reflect the constructed project as assembled on the competition site?	X				
Total						66

TIDEWATER VIRGINIA

ENGINEERING

		TEAM SCORE				POINTS
		APPROACH	EQUALS	EXCEEDS	ECLIPSES	/100
CONTEST CRITERIA		0-60%	61-80%	81-90%	91-100%	
A.	**FUNCTIONALITY**					
1	Do the systems function as intended?			X		
2	Does the HVAC system maintain indoor air quality via contaminant control, fresh air ventilation, or both?	X				
3	Does the HVAC system maintain uniform thermal comfort conditions via temperature control, humidity control, air movement, and a successful distribution system design?		X			
B.	**EFFICIENCY**					
1	Relative to conventional systems, how much energy will the systems save over the course of an entire year?	X				
2	Do the HVAC and lighting controls facilitate a reduction in energy consumption during an entire year of operation?		X			
C.	**INNOVATION**					
1	Were any unique approaches used to solve design challenges?		X			
2	Do the proposed innovations have true market potential?		X			
D.	**RELIABILITY**					
1	How long are the systems expected to operate at a high level of performance?		X			
2	How much maintenance is required to keep them operating at a high level?	X				
E.	**DOCUMENTATION**					
1	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation enable the jury to conduct a preliminary evaluation of the design prior to its arrival at the competition site?	X				
2	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation accurately reflect the constructed project as assembled on the competition site?		X			
Total						64

TEAM NEW JERSEY

ENGINEERING

		TEAM SCORE				POINTS
		APPROACH	EQUALS	EXCEEDS	ECLIPSES	/100
CONTEST CRITERIA		0-60%	61-80%	81-90%	91-100%	
A.	**FUNCTIONALITY**					
1	Do the systems function as intended?	X				
2	Does the HVAC system maintain indoor air quality via contaminant control, fresh air ventilation, or both?		X			
3	Does the HVAC system maintain uniform thermal comfort conditions via temperature control, humidity control, air movement, and a successful distribution system design?		X			
B.	**EFFICIENCY**					
1	Relative to conventional systems, how much energy will the systems save over the course of an entire year?			X		
2	Do the HVAC and lighting controls facilitate a reduction in energy consumption during an entire year of operation?		X			
C.	**INNOVATION**					
1	Were any unique approaches used to solve design challenges?			X		
2	Do the proposed innovations have true market potential?		X			
D.	**RELIABILITY**					
1	How long are the systems expected to operate at a high level of performance?		X			
2	How much maintenance is required to keep them operating at a high level?		X			
E.	**DOCUMENTATION**					
1	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation enable the jury to conduct a preliminary evaluation of the design prior to its arrival at the competition site?			X		
2	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation accurately reflect the constructed project as assembled on the competition site?		X			
Total						78

PURDUE

ENGINEERING

		TEAM SCORE				POINTS
		APPROACH	EQUALS	EXCEEDS	ECLIPSES	/100
CONTEST CRITERIA		0-60%	61-80%	81-90%	91-100%	
A.	**FUNCTIONALITY**					
1	Do the systems function as intended?				X	
2	Does the HVAC system maintain indoor air quality via contaminant control, fresh air ventilation, or both?				X	
3	Does the HVAC system maintain uniform thermal comfort conditions via temperature control, humidity control, air movement, and a successful distribution system design?				X	
B.	**EFFICIENCY**					
1	Relative to conventional systems, how much energy will the systems save over the course of an entire year?		X			
2	Do the HVAC and lighting controls facilitate a reduction in energy consumption during an entire year of operation?			X		
C.	**INNOVATION**					
1	Were any unique approaches used to solve design challenges?			X		
2	Do the proposed innovations have true market potential?		X			
D.	**RELIABILITY**					
1	How long are the systems expected to operate at a high level of performance?			X		
2	How much maintenance is required to keep them operating at a high level?			X		
E.	**DOCUMENTATION**					
1	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation enable the jury to conduct a preliminary evaluation of the design prior to its arrival at the competition site?				X	
2	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation accurately reflect the constructed project as assembled on the competition site?				X	
Total						87

TENNESSEE

ENGINEERING

		TEAM SCORE				POINTS
		APPROACH	EQUALS	EXCEEDS	ECLIPSES	/100
CONTEST CRITERIA		0-60%	61-80%	81-90%	91-100%	
A.	**FUNCTIONALITY**					
1	Do the systems function as intended?				X	
2	Does the HVAC system maintain indoor air quality via contaminant control, fresh air ventilation, or both?				X	
3	Does the HVAC system maintain uniform thermal comfort conditions via temperature control, humidity control, air movement, and a successful distribution system design?				X	
B.	**EFFICIENCY**					
1	Relative to conventional systems, how much energy will the systems save over the course of an entire year?		X			
2	Do the HVAC and lighting controls facilitate a reduction in energy consumption during an entire year of operation?				X	
C.	**INNOVATION**					
1	Were any unique approaches used to solve design challenges?				X	
2	Do the proposed innovations have true market potential?			X		
D.	**RELIABILITY**					
1	How long are the systems expected to operate at a high level of performance?			X		
2	How much maintenance is required to keep them operating at a high level?		X			
E.	**DOCUMENTATION**					
1	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation enable the jury to conduct a preliminary evaluation of the design prior to its arrival at the competition site?			X		
2	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation accurately reflect the constructed project as assembled on the competition site?				X	
Total						90

MIDDLEBURY COLLEGE

ENGINEERING

		TEAM SCORE				POINTS
		APPROACH	EQUALS	EXCEEDS	ECLIPSES	/100
CONTEST CRITERIA		0-60%	61-80%	81-90%	91-100%	
A.	**FUNCTIONALITY**					
1	Do the systems function as intended?				X	
2	Does the HVAC system maintain indoor air quality via contaminant control, fresh air ventilation, or both?			X		
3	Does the HVAC system maintain uniform thermal comfort conditions via temperature control, humidity control, air movement, and a successful distribution system design?			X		
B.	**EFFICIENCY**					
1	Relative to conventional systems, how much energy will the systems save over the course of an entire year?				X	
2	Do the HVAC and lighting controls facilitate a reduction in energy consumption during an entire year of operation?			X		
C.	**INNOVATION**					
1	Were any unique approaches used to solve design challenges?		X			
2	Do the proposed innovations have true market potential?		X			
D.	**RELIABILITY**					
1	How long are the systems expected to operate at a high level of performance?			X		
2	How much maintenance is required to keep them operating at a high level?			X		
E.	**DOCUMENTATION**					
1	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation enable the jury to conduct a preliminary evaluation of the design prior to its arrival at the competition site?		X			
2	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation accurately reflect the constructed project as assembled on the competition site?			X		
Total						82

PARSONS NS STEVENS

ENGINEERING

		TEAM SCORE				POINTS
		APPROACH	EQUALS	EXCEEDS	ECLIPSES	/100
CONTEST CRITERIA		0-60%	61-80%	81-90%	91-100%	
A.	**FUNCTIONALITY**					
1	Do the systems function as intended?				X	
2	Does the HVAC system maintain indoor air quality via contaminant control, fresh air ventilation, or both?			X		
3	Does the HVAC system maintain uniform thermal comfort conditions via temperature control, humidity control, air movement, and a successful distribution system design?			X		
B.	**EFFICIENCY**					
1	Relative to conventional systems, how much energy will the systems save over the course of an entire year?				X	
2	Do the HVAC and lighting controls facilitate a reduction in energy consumption during an entire year of operation?			X		
C.	**INNOVATION**					
1	Were any unique approaches used to solve design challenges?		X			
2	Do the proposed innovations have true market potential?			X		
D.	**RELIABILITY**					
1	How long are the systems expected to operate at a high level of performance?			X		
2	How much maintenance is required to keep them operating at a high level?			X		
E.	**DOCUMENTATION**					
1	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation enable the jury to conduct a preliminary evaluation of the design prior to its arrival at the competition site?			X		
2	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation accurately reflect the constructed project as assembled on the competition site?			X		
Total						85

APPALACHIAN STATE

ENGINEERING

		TEAM SCORE				POINTS
		APPROACH	EQUALS	EXCEEDS	ECLIPSES	/100
CONTEST CRITERIA		0-60%	61-80%	81-90%	91-100%	
A.	**FUNCTIONALITY**					
1	Do the systems function as intended?				X	
2	Does the HVAC system maintain indoor air quality via contaminant control, fresh air ventilation, or both?		X			
3	Does the HVAC system maintain uniform thermal comfort conditions via temperature control, humidity control, air movement, and a successful distribution system design?		X			
B.	**EFFICIENCY**					
1	Relative to conventional systems, how much energy will the systems save over the course of an entire year?			X		
2	Do the HVAC and lighting controls facilitate a reduction in energy consumption during an entire year of operation?		X			
C.	**INNOVATION**					
1	Were any unique approaches used to solve design challenges?				X	
2	Do the proposed innovations have true market potential?			X		
D.	**RELIABILITY**					
1	How long are the systems expected to operate at a high level of performance?			X		
2	How much maintenance is required to keep them operating at a high level?			X		
E.	**DOCUMENTATION**					
1	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation enable the jury to conduct a preliminary evaluation of the design prior to its arrival at the competition site?		X			
2	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation accurately reflect the constructed project as assembled on the competition site?				X	
Total						80

FLORIDA INT'L

ENGINEERING

		TEAM SCORE				POINTS
		APPROACH	EQUALS	EXCEEDS	ECLIPSES	/100
CONTEST CRITERIA		0-60%	61-80%	81-90%	91-100%	
A.	**FUNCTIONALITY**					
1	Do the systems function as intended?				X	
2	Does the HVAC system maintain indoor air quality via contaminant control, fresh air ventilation, or both?	X				
3	Does the HVAC system maintain uniform thermal comfort conditions via temperature control, humidity control, air movement, and a successful distribution system design?	X				
B.	**EFFICIENCY**					
1	Relative to conventional systems, how much energy will the systems save over the course of an entire year?		X			
2	Do the HVAC and lighting controls facilitate a reduction in energy consumption during an entire year of operation?		X			
C.	**INNOVATION**					
1	Were any unique approaches used to solve design challenges?		X			
2	Do the proposed innovations have true market potential?		X			
D.	**RELIABILITY**					
1	How long are the systems expected to operate at a high level of performance?				X	
2	How much maintenance is required to keep them operating at a high level?				X	
E.	**DOCUMENTATION**					
1	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation enable the jury to conduct a preliminary evaluation of the design prior to its arrival at the competition site?	X				
2	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation accurately reflect the constructed project as assembled on the competition site?		X			
Total						72

CANADA

ENGINEERING

		TEAM SCORE				POINTS
		APPROACH	EQUALS	EXCEEDS	ECLIPSES	/100
CONTEST CRITERIA		0-60%	61-80%	81-90%	91-100%	
A.	**FUNCTIONALITY**					
1	Do the systems function as intended?				X	
2	Does the HVAC system maintain indoor air quality via contaminant control, fresh air ventilation, or both?				X	
3	Does the HVAC system maintain uniform thermal comfort conditions via temperature control, humidity control, air movement, and a successful distribution system design?			X		
B.	**EFFICIENCY**					
1	Relative to conventional systems, how much energy will the systems save over the course of an entire year?			X		
2	Do the HVAC and lighting controls facilitate a reduction in energy consumption during an entire year of operation?		X			
C.	**INNOVATION**					
1	Were any unique approaches used to solve design challenges?		X			
2	Do the proposed innovations have true market potential?			X		
D.	**RELIABILITY**					
1	How long are the systems expected to operate at a high level of performance?			X		
2	How much maintenance is required to keep them operating at a high level?		X			
E.	**DOCUMENTATION**					
1	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation enable the jury to conduct a preliminary evaluation of the design prior to its arrival at the competition site?			X		
2	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation accurately reflect the constructed project as assembled on the competition site?			X		
Total						83

TEAM BELGIUM

ENGINEERING

		TEAM SCORE				POINTS
		APPROACH	EQUALS	EXCEEDS	ECLIPSES	/100
CONTEST CRITERIA		0-60%	61-80%	81-90%	91-100%	
A.	**FUNCTIONALITY**					
1	Do the systems function as intended?				X	
2	Does the HVAC system maintain indoor air quality via contaminant control, fresh air ventilation, or both?			X		
3	Does the HVAC system maintain uniform thermal comfort conditions via temperature control, humidity control, air movement, and a successful distribution system design?		X			
B.	**EFFICIENCY**					
1	Relative to conventional systems, how much energy will the systems save over the course of an entire year?			X		
2	Do the HVAC and lighting controls facilitate a reduction in energy consumption during an entire year of operation?			X		
C.	**INNOVATION**					
1	Were any unique approaches used to solve design challenges?		X			
2	Do the proposed innovations have true market potential?		X			
D.	**RELIABILITY**					
1	How long are the systems expected to operate at a high level of performance?			X		
2	How much maintenance is required to keep them operating at a high level?		X			
E.	**DOCUMENTATION**					
1	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation enable the jury to conduct a preliminary evaluation of the design prior to its arrival at the competition site?	X				
2	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation accurately reflect the constructed project as assembled on the competition site?		X			
Total						74

TEAM CHINA

ENGINEERING		TEAM SCORE				POINTS
		APPROACH	EQUALS	EXCEEDS	ECLIPSES	/100
CONTEST CRITERIA		0-60%	61-80%	81-90%	91-100%	
A.	**FUNCTIONALITY**					
1	Do the systems function as intended?				X	
2	Does the HVAC system maintain indoor air quality via contaminant control, fresh air ventilation, or both?			X		
3	Does the HVAC system maintain uniform thermal comfort conditions via temperature control, humidity control, air movement, and a successful distribution system design?			X		
B.	**EFFICIENCY**					
1	Relative to conventional systems, how much energy will the systems save over the course of an entire year?				X	
2	Do the HVAC and lighting controls facilitate a reduction in energy consumption during an entire year of operation?				X	
C.	**INNOVATION**					
1	Were any unique approaches used to solve design challenges?				X	
2	Do the proposed innovations have true market potential?			X		
D.	**RELIABILITY**					
1	How long are the systems expected to operate at a high level of performance?		X			
2	How much maintenance is required to keep them operating at a high level?			X		
E.	**DOCUMENTATION**					
1	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation enable the jury to conduct a preliminary evaluation of the design prior to its arrival at the competition site?			X		
2	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation accurately reflect the constructed project as assembled on the competition site?			X		
Total						86

MARYLAND

ENGINEERING

		TEAM SCORE				POINTS
		APPROACH	EQUALS	EXCEEDS	ECLIPSES	/100
CONTEST CRITERIA		0-60%	61-80%	81-90%	91-100%	
A.	**FUNCTIONALITY**					
1	Do the systems function as intended?			X		
2	Does the HVAC system maintain indoor air quality via contaminant control, fresh air ventilation, or both?			X		
3	Does the HVAC system maintain uniform thermal comfort conditions via temperature control, humidity control, air movement, and a successful distribution system design?				X	
B.	**EFFICIENCY**					
1	Relative to conventional systems, how much energy will the systems save over the course of an entire year?				X	
2	Do the HVAC and lighting controls facilitate a reduction in energy consumption during an entire year of operation?			X		
C.	**INNOVATION**					
1	Were any unique approaches used to solve design challenges?				X	
2	Do the proposed innovations have true market potential?				X	
D.	**RELIABILITY**					
1	How long are the systems expected to operate at a high level of performance?			X		
2	How much maintenance is required to keep them operating at a high level?		X			
E.	**DOCUMENTATION**					
1	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation enable the jury to conduct a preliminary evaluation of the design prior to its arrival at the competition site?				X	
2	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation accurately reflect the constructed project as assembled on the competition site?				X	
Total						89

ILLINOIS

ENGINEERING

		TEAM SCORE				POINTS
		APPROACH	EQUALS	EXCEEDS	ECLIPSES	/100
CONTEST CRITERIA		0-60%	61-80%	81-90%	91-100%	
A.	**FUNCTIONALITY**					
1	Do the systems function as intended?			X		
2	Does the HVAC system maintain indoor air quality via contaminant control, fresh air ventilation, or both?		X			
3	Does the HVAC system maintain uniform thermal comfort conditions via temperature control, humidity control, air movement, and a successful distribution system design?		X			
B.	**EFFICIENCY**					
1	Relative to conventional systems, how much energy will the systems save over the course of an entire year?		X			
2	Do the HVAC and lighting controls facilitate a reduction in energy consumption during an entire year of operation?				X	
C.	**INNOVATION**					
1	Were any unique approaches used to solve design challenges?		X			
2	Do the proposed innovations have true market potential?		X			
D.	**RELIABILITY**					
1	How long are the systems expected to operate at a high level of performance?		X			
2	How much maintenance is required to keep them operating at a high level?		X			
E.	**DOCUMENTATION**					
1	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation enable the jury to conduct a preliminary evaluation of the design prior to its arrival at the competition site?	X				
2	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation accurately reflect the constructed project as assembled on the competition site?		X			
Total						73

TEAM MASSACHUSETTS

ENGINEERING

		TEAM SCORE				POINTS
		APPROACH	EQUALS	EXCEEDS	ECLIPSES	/100
CONTEST CRITERIA		0-60%	61-80%	81-90%	91-100%	
A.	**FUNCTIONALITY**					
1	Do the systems function as intended?				X	
2	Does the HVAC system maintain indoor air quality via contaminant control, fresh air ventilation, or both?				X	
3	Does the HVAC system maintain uniform thermal comfort conditions via temperature control, humidity control, air movement, and a successful distribution system design?				X	
B.	**EFFICIENCY**					
1	Relative to conventional systems, how much energy will the systems save over the course of an entire year?			X		
2	Do the HVAC and lighting controls facilitate a reduction in energy consumption during an entire year of operation?			X		
C.	**INNOVATION**					
1	Were any unique approaches used to solve design challenges?		X			
2	Do the proposed innovations have true market potential?		X			
D.	**RELIABILITY**					
1	How long are the systems expected to operate at a high level of performance?		X			
2	How much maintenance is required to keep them operating at a high level?				X	
E.	**DOCUMENTATION**					
1	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation enable the jury to conduct a preliminary evaluation of the design prior to its arrival at the competition site?			X		
2	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation accurately reflect the constructed project as assembled on the competition site?	X				
Total						84

SCI-ARC/CALTECH

ENGINEERING

		TEAM SCORE				POINTS
		APPROACH	EQUALS	EXCEEDS	ECLIPSES	/100
CONTEST CRITERIA		0-60%	61-80%	81-90%	91-100%	
A.	**FUNCTIONALITY**					
1	Do the systems function as intended?				X	
2	Does the HVAC system maintain indoor air quality via contaminant control, fresh air ventilation, or both?			X		
3	Does the HVAC system maintain uniform thermal comfort conditions via temperature control, humidity control, air movement, and a successful distribution system design?			X		
B.	**EFFICIENCY**					
1	Relative to conventional systems, how much energy will the systems save over the course of an entire year?			X		
2	Do the HVAC and lighting controls facilitate a reduction in energy consumption during an entire year of operation?				X	
C.	**INNOVATION**					
1	Were any unique approaches used to solve design challenges?				X	
2	Do the proposed innovations have true market potential?				X	
D.	**RELIABILITY**					
1	How long are the systems expected to operate at a high level of performance?				X	
2	How much maintenance is required to keep them operating at a high level?			X		
E.	**DOCUMENTATION**					
1	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation enable the jury to conduct a preliminary evaluation of the design prior to its arrival at the competition site?			X		
2	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation accurately reflect the constructed project as assembled on the competition site?			X		
Total						91

TEAM NEW YORK

	ENGINEERING	TEAM SCORE				POINTS
		APPROACH	EQUALS	EXCEEDS	ECLIPSES	/100
	CONTEST CRITERIA	0-60%	61-80%	81-90%	91-100%	
A.	**FUNCTIONALITY**					
1	Do the systems function as intended?		X			
2	Does the HVAC system maintain indoor air quality via contaminant control, fresh air ventilation, or both?	X				
3	Does the HVAC system maintain uniform thermal comfort conditions via temperature control, humidity control, air movement, and a successful distribution system design?		X			
B.	**EFFICIENCY**					
1	Relative to conventional systems, how much energy will the systems save over the course of an entire year?			X		
2	Do the HVAC and lighting controls facilitate a reduction in energy consumption during an entire year of operation?			X		
C.	**INNOVATION**					
1	Were any unique approaches used to solve design challenges?				X	
2	Do the proposed innovations have true market potential?		X			
D.	**RELIABILITY**					
1	How long are the systems expected to operate at a high level of performance?		X			
2	How much maintenance is required to keep them operating at a high level?		X			
E.	**DOCUMENTATION**					
1	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation enable the jury to conduct a preliminary evaluation of the design prior to its arrival at the competition site?			X		
2	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation accurately reflect the constructed project as assembled on the competition site?			X		
Total						81

OHIO STATE

ENGINEERING

		TEAM SCORE				POINTS
		APPROACH	EQUALS	EXCEEDS	ECLIPSES	/100
CONTEST CRITERIA		0-60%	61-80%	81-90%	91-100%	
A.	**FUNCTIONALITY**					
1	Do the systems function as intended?				X	
2	Does the HVAC system maintain indoor air quality via contaminant control, fresh air ventilation, or both?				X	
3	Does the HVAC system maintain uniform thermal comfort conditions via temperature control, humidity control, air movement, and a successful distribution system design?				X	
B.	**EFFICIENCY**					
1	Relative to conventional systems, how much energy will the systems save over the course of an entire year?				X	
2	Do the HVAC and lighting controls facilitate a reduction in energy consumption during an entire year of operation?				X	
C.	**INNOVATION**					
1	Were any unique approaches used to solve design challenges?				X	
2	Do the proposed innovations have true market potential?			X		
D.	**RELIABILITY**					
1	How long are the systems expected to operate at a high level of performance?			X		
2	How much maintenance is required to keep them operating at a high level?			X		
E.	**DOCUMENTATION**					
1	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation enable the jury to conduct a preliminary evaluation of the design prior to its arrival at the competition site?		X			
2	Did the drawings, construction specifications, energy analysis results and discussion, and audiovisual engineering presentation accurately reflect the constructed project as assembled on the competition site?			X		
Total						88