

AZ State/New Mexico					
ENGINEERING	TEAM SCORE				POINTS
	APPROACH	EQUALS	EXCEEDS	ECLIPSES	/100
CONTEST CRITERIA	0-60%	61-80%	81-90%	91-100%	
<b>A. FUNCTIONALITY</b>					
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>B. EFFICIENCY</b>					
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		
<b>C. INNOVATION</b>					
1 Were any unique approaches used to solve design challenges?			X		
2 Do the proposed innovations have true market potential?			X		
<b>D. RELIABILITY</b>					
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		
<b>E. DOCUMENTATION</b>					
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	
<b>Total</b>					86.0
<b>PUBLIC COMMENTS</b>					
Innovative thermal storage for electric demand shifting in time of rate markets. Innovative heat recovery from chiller refrigerant lines.					