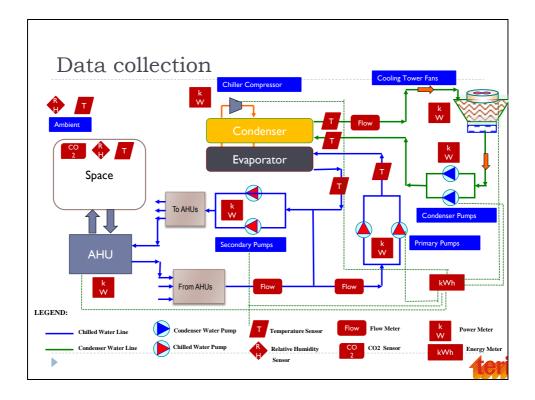
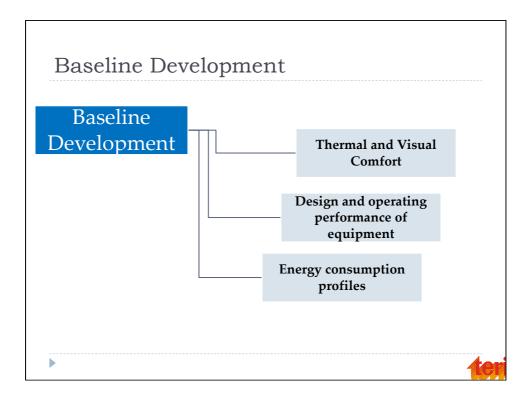
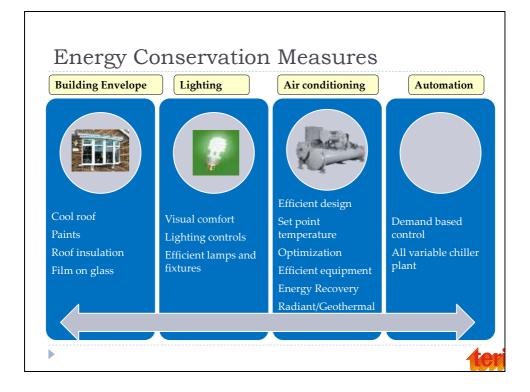
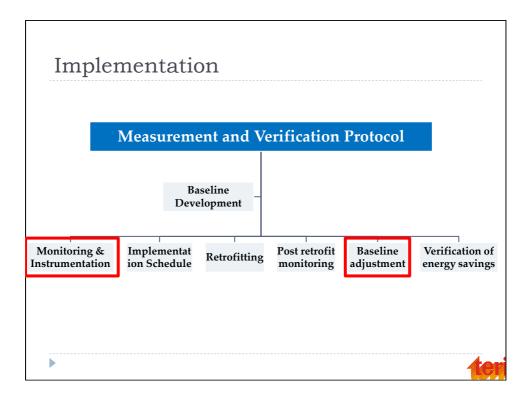


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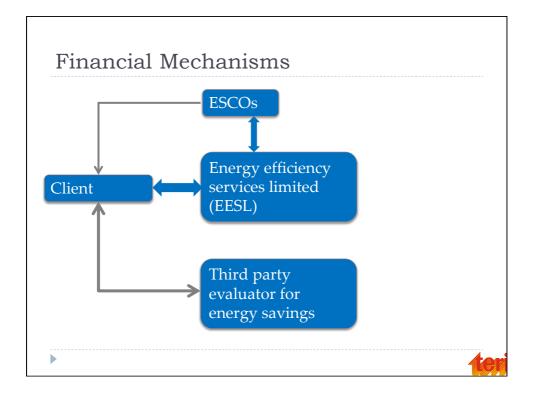






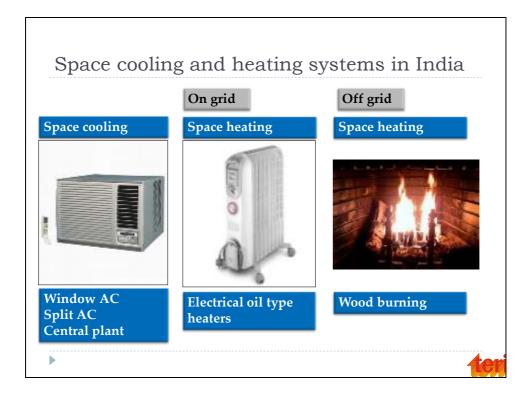


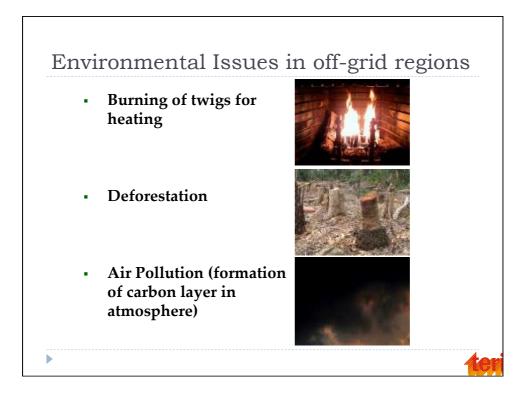
CDW in (deg F)	Chiller Loading (%) & Efficiency (kW/TR)										
	100	90	80	70	60	50	40	30	20	15	
70	0.426	0.404	0.388	0.378	0.374	0.382	0.4	0.441	0.5	0.576	
75	0.472	0.451	0.438	0.43	0.433	0.44	0.464	0.496	0.578	0.658	
80	0.52	0.502	0.492	0.49	0.496	0.507	0.525	0.57	0.661	0.746	
85	0.576	0.562	0.549	0.552	0.554	0.576	0.597	0.648	0.75	0.85	
89	0.624	0.609	0.604	0.605	0.613	0.627	0.653	0.707	0.817	0.924	

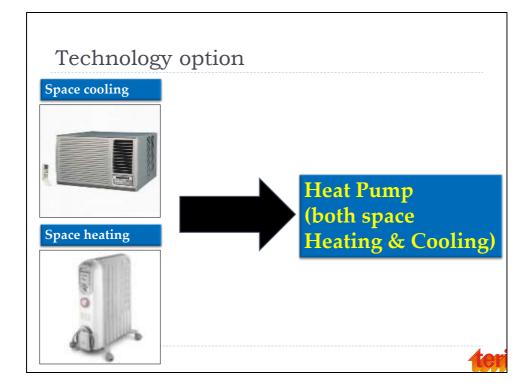


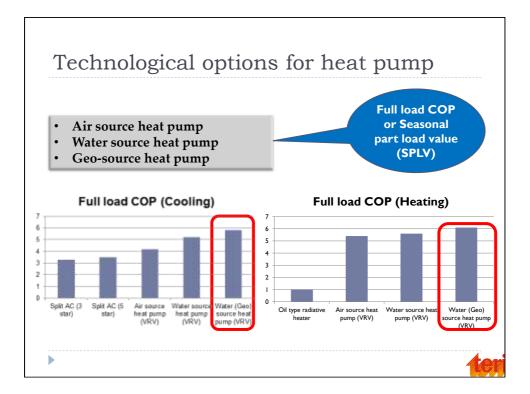
TERI-UTC Centre of Excellence on energy efficient buildings in India

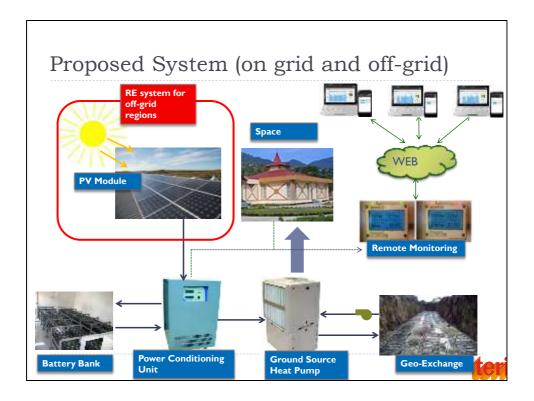


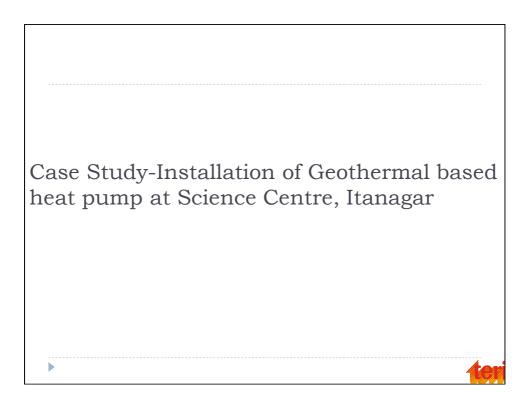


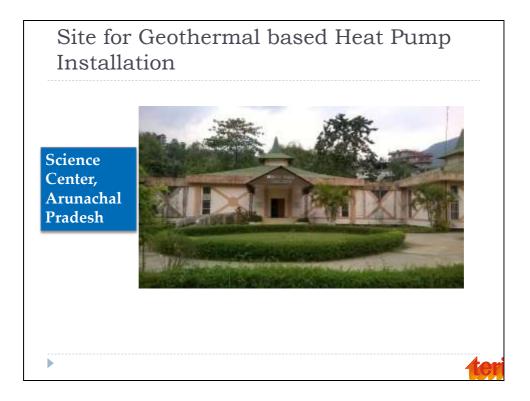


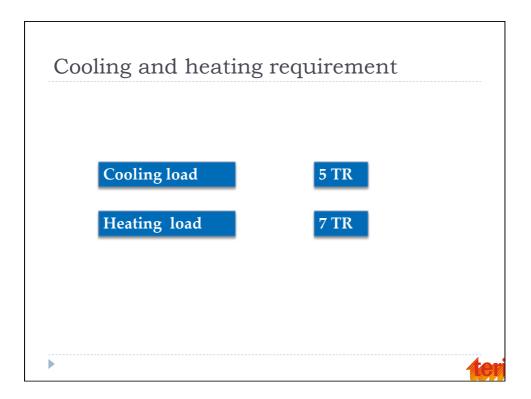


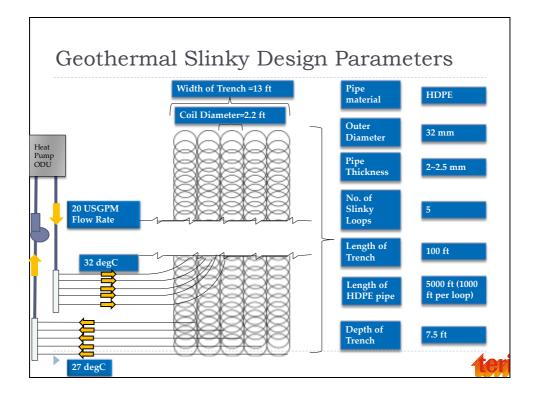


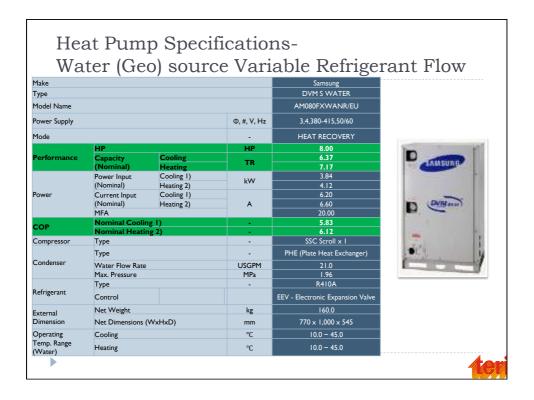






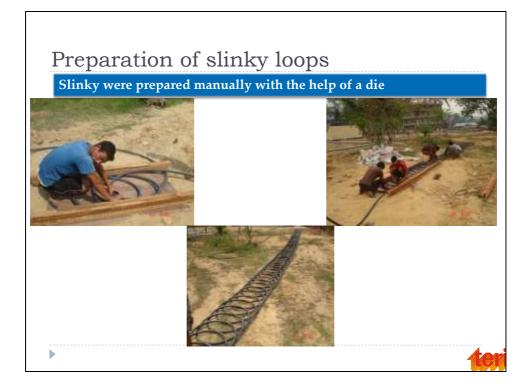


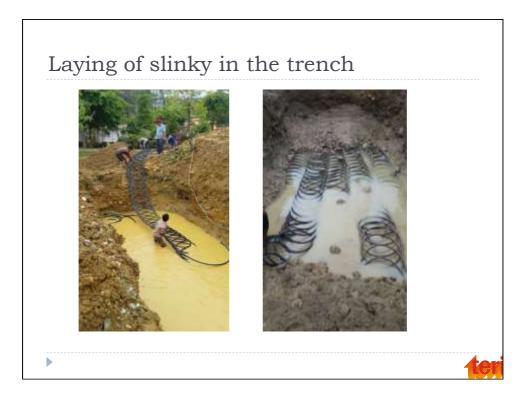




System Comparison with Conventional Heat Pump (Energy Simulation Results)								
Cooling mode								
Energy consumption with conventional heat pump	:	5486 kWh/yr						
Energy consumption with geothermal heat pump	:	3924 kWh/yr						
% Saving	:	29%						
Heating mode								
Energy consumption with conventional heat pump	:	2004 kWh/yr						
Energy consumption with geothermal heat pump	:	1382 kWh/yr						
% Saving	:	31%						
		teri						

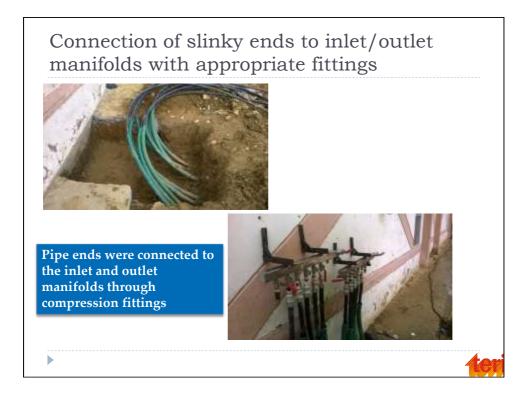


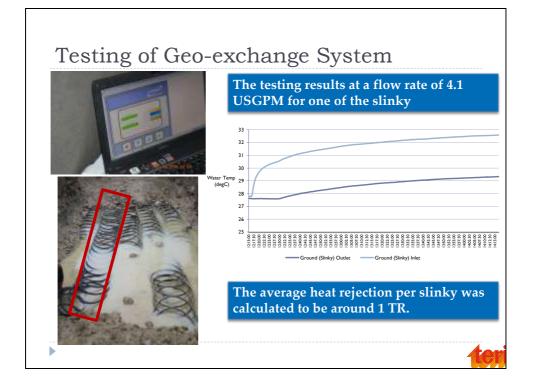




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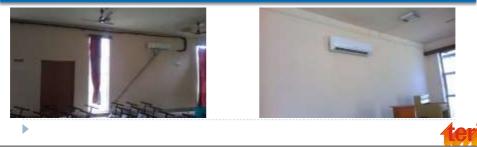








4 No's Indoor Units of 1.6 TR capacity each were installed in the Auditorium. Leak test of drain pipes ; and Vacuum test of refrigerant tubing were also carried out



## Commissioning of Outdoor Unit (ODU)



