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Data Storage	Software
<ul> <li>Technical</li> <li>– SQL compliant</li> </ul>	
<ul> <li>Allows other application to read and acces</li> </ul>	ation programs s data with passwords
– Trend data is archiv	ved at least daily
– Time stamps	
<ul> <li>Storage capacity for</li> </ul>	or at least 2 years
36   www.femp.energy.gov/training	eere.energy.gov







F	FEMP First Thursday Seminars				- & 9ÿ	
ORNL Power Usage by Building						
	Facility	Gross Square Feet	Annual MWh	Electric Rate Per MWh	Electrical Energy Cost per Building	
	5600CC1	18,233	21,672	\$55.90	\$1,211,436	
	4509	9,160	16,344	\$55.90	\$913,630	
	7900	66,817	12,528	\$55.90	\$700,315	
	6000	125,018	12,092	\$55.90	\$675,943	
	4500s	347,346	11,501	\$55.90	\$642,906	
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	ORNL Steam				
Percent Steam Allocate to Bldg	of Stea Cos ed	am Plant st	Steam Fuel Cost	Steam Fuel Cost for Bldg	Total Bldg Utility Cost
5600CC	1				\$1,211,456
4509	0.01	169%	10,042.746	\$10,739	\$962,112
7900	1.40	060%	10,042.746	\$141,200	\$993,726
6000	1.59	92%	10,042.746	\$196,071	\$898,704
4500S	14.0	)54%	10,042.746	\$1,411,432	\$2,182,693
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Building 5200 Po	
ENERCY CONSUMPTION       Voltage A to B         Consumption       1,053,320.0)         POWER       Voltage A to B         Apparent Power       159.0 kVA         Reactive Power       76.0 kVAR         Power Factor A       0.9         Power Factor B       0.92         Power Factor C       0.96         Real Power A       49.0 kW         Real Power B       51.0 kW         Real Power (66.0 kW)       Current Phase B         Avg. Real Power       0.9 kW         Min. Real Power       0.0 kW         Min. Real Power       0.0 kW         Max. Real Power       0.0 kW	9.0 V     Reset KWh     No       7.0 V     8.0 V     No       8.0 V     9.0 V     No       9.0 A     9.0 V     No       9.0 A     9.0 V     No
44   www.femp.energy.gov/training	eere.energy.gov























FEMP First Thursday Seminars	Energy Efficiency & Renewable Energy
Key Re	sources
FEMP Web site: <u>www.femp.energy.gov</u>	Associations of the Concept Efficiency & Renewable Energy     Renewable Energy     Federal Energy Management Program     Andre Wreger Angewang Management Program     Laws & Regulations
Learner Guide: <u>www.femp.energy.gov</u> follow the link to the	Registrations         Energy Hanagement Calibration         Instantion           Registrations         Company and generation to be address on the energy management requirements and galas. This section organizes FEMP calibration to the following to be address on the energy management requirements and galas. This section organizes FEMP calibration to the following decision to t
FEMP First Thursday Seminars	The following guidance misionreas are officed to help folderal agencies meet energy measurement guidars and requirements. Overviewe of Federal Energy Management Paticy and Mandaleas Overviewe of Federal Energy Management Paticy and Mandaleas Patients (TEE 120,200) Patients of the second sec
56   www.femp.energy.gov/training	eere.energy.gov

