TO: SENATE STATE ADMIN. COMMITTEE
FR: BOB DECKER, THE POLICY INSTITUTE
RE: SB 49
DATE: JAN. 23, 2009

Energy Use Index (EUI) for Select State of Montana Facilities
Capitol Complex
1/22/2009

Facility Name	Floor Area (Sq.Ft.)	Annual Electrical Usage (kWh)	Natural Gas Usage (therms)		Total Site Energy Use (kBtu)	Energy Use Index (EUI) (kBtu/Sq.Ft.)	Annual Energy Cost (US Dollars ($))	Total Energy Cost ($/Sq.Ft.)
10-Justice Building	103,981	1,128,153.60	.22	23,051	6,154,326.75	**59.2**	$96,989.36	$0.93
11-Lee Metcalf Building	93,275	1,310,943.20	.13	11,679	5,640,838.11	**60.5**	$95,444.41	$1.02
18-Scott Hart Building	78,035	639,707.60	.50	38,974	6,080,115.56	**77.9**	$78,444.25	$1.01
14-Fish, Wildlife & Parks	22,966	322,989.30	.44	9992	2,101,206.28	**91.5**	$32,302.74	$1.41
6-Mitchell Building	130,320	3,562,354.00	N/A	1083	12,263,081.23	**94.1**	$219,917.73	$1.69
9-Mt Historical Society	91,363	710,064.00	.71	64809	8,903,638.37	**97.5**	$101,378.89	$1.11
2-Cogswell Building	108,868	1,483,234.70	.83	90,602	14,120,996.78	**129.7**	$172,285.84	$1.58
Group Total	628,808	9,157,446.40	.48*	240,190	55,264,203.08		$796,763.22	
Averages						**87.2**		$1.25

Notes:
Values are based on 2006 utility billing data. Due to irregular cycles in billing periods used by utilities, data has been normalized for each month.
The annual values shown may not match data on actual utility bills.
The acronym "kBtu" represents "one thousand British thermal units." Electrical and gas data were converted and totaled to obtain these values.

"HEATING EFFICIENCY COEFFICIENT"
(LOWER IS BETTER)

*(240,190 - 1,083) ÷ (628,808 - 130,320) = 239,107 ÷ 498,488 = .48

STATE ADMINISTRATION
Exhibit No. 1
Date 1/23/09
Bill No. SB 49