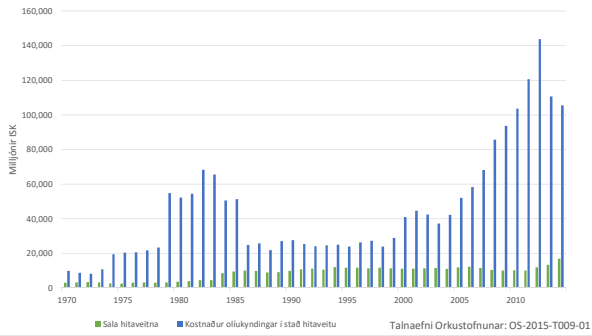


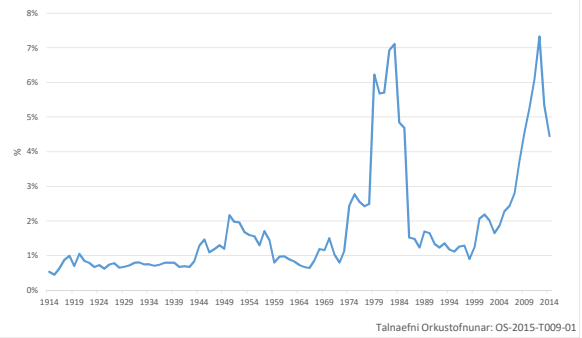
Efni/Subject: Talnaefni Orkustofnunar / Orkustofnun Data Repository  
 Titill/Title: Efnahagslegur ávinningur af nýtingu jarðvarma í stað olíu til húshitunar/Economic benefits of using geothermal energy instead of oil for space heating  
 Lyklilorð/Keyword: Jarðvarmi, jarðhiti, hitaveita, húshitun olíu, olíukynding, sparnaður / Geothermal energy, district heating, space heating, oil, oil heating, avoided cost  
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 Tilvísun: Orkustofnun (2015). OS-2015-T009-01: Economic benefits of using geothermal energy instead of oil for space heating [data file].  
 Citation:

Ár/Year	Nýttur jarðvarmi/ Geothermal use	Sala hitaveitna/ Utility revenues for hot water	Kostnaður olíukynding/ Cost of oil heating	Sparnaður/ Avoided cost	Uppsafnaður sparnaður/ Accumulated avoided cost	Núvirtur uppsafnaður sparnaður/ Present value accumulated avoided cost	Sparnaður sem hluti af vergi landsframlæðsu/ Avoided cost as percentage of GDP	Sparnaður á íbúa/ Avoided cost per capita
[PJ]			milljónir ISK/ millions ISK	milljónir ISK/ millions ISK	Á verðlagi 2014/2014 prices		%	þús. ISK/thousands ISK
1914	0.0	74.5	288.7	214.2	214.2	214.2	0.5%	2
1915	0.1	68.1	293.0	224.9	439.1	443.3	0.5%	3
1916	0.1	58.7	378.7	320.1	759.1	772.3	0.6%	4
1917	0.1	40.6	384.1	343.6	1,102.7	1,131.3	0.9%	4
1918	0.1	403.4	31.2	403.4	372.1	1,474.8	1.0%	4
1919	0.1	29.6	363.5	333.8	1,808.6	1,890.4	0.7%	4
1920	0.1	26.3	475.4	449.1	2,257.7	2,377.3	1.0%	5
1921	0.1	34.2	419.7	385.5	2,643.2	2,810.3	0.8%	4
1922	0.1	44.5	450.3	405.8	3,049.0	3,272.3	0.8%	4
1923	0.1	51.4	398.6	347.2	3,396.1	3,684.9	0.7%	4
1924	0.1	50.3	498.2	447.9	3,844.0	4,206.5	0.7%	5
1925	0.1	58.3	438.9	380.7	4,224.7	4,671.2	0.6%	4
1926	0.1	70.9	503.2	432.4	4,657.1	5,197.0	0.7%	4
1927	0.1	82.9	606.7	523.8	5,180.8	5,824.8	0.8%	5
1928	0.1	90.6	584.9	494.3	5,675.1	6,435.6	0.7%	5
1929	0.1	95.2	614.6	519.4	6,194.5	7,083.6	0.7%	5
1930	0.1	103.0	665.0	562.0	6,756.5	7,787.3	0.7%	5
1931	0.1	118.6	714.8	596.2	7,352.7	8,539.2	0.8%	5
1932	0.1	129.6	752.9	623.3	7,975.9	9,333.3	0.8%	6
1933	0.2	136.2	762.0	625.8	8,601.7	10,145.8	0.7%	6
1934	0.2	140.6	786.7	646.1	9,247.8	10,994.8	0.7%	6
1935	0.2	144.9	779.7	634.8	9,882.6	11,849.4	0.7%	6
1936	0.2	146.9	821.8	674.9	10,557.6	12,761.4	0.7%	6
1937	0.2	145.1	905.7	760.6	11,318.1	13,777.2	0.8%	7
1938	0.2	146.9	917.0	770.0	12,088.2	14,822.8	0.8%	7
1939	0.2	128.3	978.1	849.8	12,938.0	15,969.0	0.8%	7
1940	0.2	171.7	996.3	824.5	13,762.5	17,113.0	0.7%	7
1941	0.2	130.5	1,103.7	973.2	14,735.8	18,428.4	0.7%	8
1942	0.3	106.7	1,096.8	990.1	15,725.8	19,787.1	0.7%	8
1943	0.4	121.7	1,336.4	1,214.7	16,940.6	21,397.6	0.8%	10
1944	0.9	789.6	2,774.3	1,984.8	18,925.3	23,810.3	1.3%	16
1945	1.0	860.3	5,361.9	4,501.6	23,426.9	28,788.1	1.5%	35
1946	1.1	837.9	2,900.4	2,062.5	25,489.5	31,426.4	1.1%	16
1947	1.2	838.3	3,252.1	2,413.8	27,903.2	34,468.6	1.2%	18
1948	1.2	787.4	3,424.0	2,636.5	30,539.8	37,794.6	1.3%	19
1949	1.2	750.6	3,170.7	2,420.1	32,959.9	40,970.6	1.2%	17
1950	1.3	756.1	4,594.9	3,838.8	36,798.7	45,628.8	1.7%	27
1951	1.4	726.4	3,933.1	3,205.7	40,005.4	49,748.0	2.0%	21
1952	1.4	964.1	4,094.0	3,130.0	43,135.4	53,873.0	2.0%	27
1953	1.4	976.6	4,252.9	3,276.3	46,411.7	58,226.8	1.7%	22
1954	1.5	988.2	4,408.8	3,420.6	49,832.3	62,811.9	1.6%	22
1955	1.6	1,007.6	4,698.7	3,691.1	53,523.4	67,759.3	1.6%	24
1956	1.6	944.6	4,209.4	3,264.8	56,788.2	72,379.3	1.3%	20
1957	1.7	970.0	5,294.4	4,324.4	61,112.6	78,151.3	1.7%	27
1958	1.7	846.1	4,831.6	3,985.5	65,098.1	83,699.8	1.4%	24
1959	1.9	987.2	3,433.6	2,446.5	67,544.6	87,820.2	0.8%	14
1960	2.0	1,043.0	4,036.5	2,993.5	70,538.1	92,570.1	1.0%	17
1961	2.0	1,165.2	4,248.3	3,083.2	73,621.2	97,504.7	1.0%	17
1962	2.2	1,216.8	4,246.3	3,029.5	76,650.8	102,484.3	0.9%	17
1963	2.5	1,266.9	4,236.3	2,969.3	79,620.1	107,503.4	0.8%	16
1964	2.8	1,473.7	4,274.7	2,801.0	82,421.1	112,454.5	0.7%	15
1965	3.0	1,414.6	4,297.0	2,882.4	85,303.5	117,585.9	0.7%	15
1966	3.6	1,484.0	4,460.1	2,976.1	88,279.6	122,913.8	0.6%	15
1967	4.1	2,045.5	5,918.2	3,873.7	92,153.3	129,245.7	0.9%	20
1968	4.4	2,537.2	7,527.2	4,990.0	97,143.3	136,820.6	1.2%	25
1969	4.6	2,650.4	7,507.5	4,857.1	102,000.4	144,414.1	1.2%	24
1970	5.1	3,017.0	8,874.0	6,857.0	108,857.4	154,159.4	1.5%	34
1971	5.4	3,229.9	8,797.6	5,567.7	114,425.1	162,810.3	1.0%	27
1972	5.7	3,364.3	8,133.8	4,769.5	119,194.7	170,836.1	0.8%	23
1973	6.5	3,180.9	10,830.4	7,649.5	126,844.1	181,902.3	1.1%	36
1974	6.7	2,598.4	19,479.3	16,880.9	143,725.0	202,421.2	2.5%	79
1975	7.5	2,393.8	20,433.9	18,040.1	161,765.1	224,509.7	2.8%	83
1976	7.6	3,057.8	20,625.3	17,567.4	179,332.5	246,567.3	2.6%	80
1977	8.5	3,289.5	21,717.4	18,427.9	197,760.4	269,926.6	2.4%	83
1978	8.8	2,971.8	23,344.4	20,372.6	218,133.0	295,697.7	2.5%	92
1979	10.5	3,242.3	54,850.0	51,607.7	269,740.7	353,219.4	6.2%	230
1980	10.8	3,551.7	52,195.9	48,644.2	318,385.0	408,928.0	5.7%	214
1981	12.3	3,960.8	54,485.8	50,525.0	368,910.0	467,631.5	5.7%	220
1982	12.9	4,449.9	68,264.0	63,814.1	432,724.1	540,798.3	6.9%	275
1983	13.6	4,443.1	65,544.7	61,101.7	493,825.7	612,715.9	7.1%	259
1984	13.6	8,524.2	50,623.9	42,099.7	535,925.4	667,069.9	4.8%	177
1985	13.6	9,421.3	51,316.0	41,894.8	577,820.2	722,306.1	4.7%	174
1986	13.8	10,024.4	24,937.5	14,913.1	592,733.3	751,665.3	1.5%	62
1987	13.6	9,787.0	25,711.6	15,924.6	608,657.8	782,623.2	1.5%	65
1988	14.6	8,991.4	21,955.8	12,964.4	621,622.3	811,240.1	1.2%	52
1989	14.9	9,162.0	27,084.6	17,922.6	639,544.8	845,387.4	1.7%	71
1990	14.1	9,910.5	27,585.3	17,674.9	657,219.7	879,970.0	1.6%	70
1991	13.7	10,832.3	25,380.3	14,548.0	671,767.7	912,117.4	1.3%	57
1992	14.4	11,197.0	24,157.8	12,960.7	684,728.4	943,320.5	1.2%	50
1993	14.5	10,552.5	24,589.0	14,036.5	698,765.0	976,223.5	1.4%	53
1994	15.1	12,145.8	25,009.5	12,863.7	711,628.7	1,008,611.6	1.2%	49
1995	14.0	11,771.6	24,015.8	12,244.2	723,872.8	1,041,028.0	1.1%	46
1996	13.3	11,677.0	26,241.5	14,564.5	738,437.3	1,076,413.1	1.3%	54
1997	13.4	11,366.8	27,255.1	15,888.2	754,325.5	1,113,829.6	1.3%	59
1998	13.3	11,711.7	23,898.7	12,886.9	766,512.5	1,148,293.1	0.9%	45
1999	13.9	11,393.7	29,005.8	17,612.1	784,124.6	1,188,871.1	1.3%	64
2000	14.8	11,129.3	40,982.7	29,853.3	813,977.9	1,242,501.8	2.1%	107
2001	15.0	11,200.9	44,709.6	33,508.8	847,486.7	1,300,860.6	2.2%	118
2002	15.3	11,289.7	42,495.3	31,205.6	878,692.3	1,358,083.5	2.0%	109
2003	14.3	11,520.9	37,256.9	25,736.1	904,428.4	1,410,981.2	1.7%	89
2004	15.5	11,031.1	42,197.0	31,165.9	935,594.3	1,470,366.7	1.9%	107
2005	16.6	11,868.6	52,100.6	40,232.0	975,826.3	1,540,006.1	2.3%	137
2006	17.2	12,211.7	58,266.0	46,054.3	1,021,880.6	1,616,860.5	2.4%	154
2007	17.9	11,599.4	68,148.4	56,549.0	1,078,429.6	1,705,746.7	2.8%	184
2008	18.8	10,374.9	85,705.5	75,330.5	1,153,760.1	1,815,192.2	3.7%	239
2009	18.8	10,069.3	93,717.7	83,648.4	1,237,408.6	1,935,144.5	4.6%	262
2010	21.0	10,248.1	103,710.7	93,462.6	1,330,871.2	2,067,309.9	5.2%	294
2011	21.0	10,082.1	120,731.2	110,649.1	1,441,520.3	2,219,305.3	6.1%	347
2012	23.3	11,895.3	143,765.1	131,869.7	1,573,390.1	2,395,561.1	7.3%	313
2013	19.3	13,324.8	110,749.6	97,424.8	1,670,814.9	2,540,897.2	5.3%	403
2014	20.3	16,887.0	105,451.9	88,564.9	1,759,379.8	2,680,280.0	4.5%	272

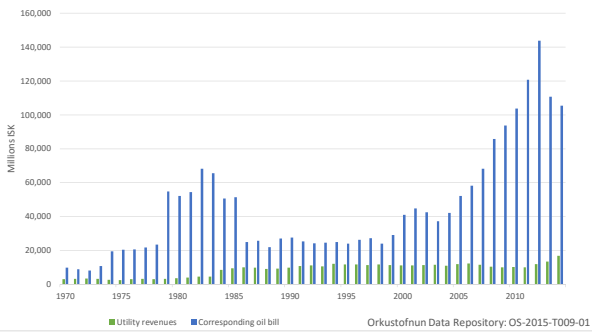
Sala hitaveitna og kostnaður olíukyndingar í stað hitaveitu



Sparnaður sem hluti af landsframleiðslu



Utility revenues and corresponding oil bill 1970-2014



Avoided cost as percentage of GDP

