

**BEFORE THE WASHINGTON
UTILITIES & TRANSPORTATION COMMISSION**

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION,

Complainant,

v.

AVISTA CORPORATION d/b/a AVISTA UTILITIES

Respondent.

DOCKETS UE-220053, UG-220054, and UE-210854 (Consolidated)

**ROBERT L. EARLE
ON BEHALF OF THE
WASHINGTON STATE OFFICE OF THE ATTORNEY GENERAL
PUBLIC COUNSEL UNIT**

EXHIBIT RLE-4

Washington City Gate Comparison

July 29, 2022

Washington City Gate Comparison

Average Washington Citygate Price			
Jun-21 to Apr-22	5.61	(May 2021 data missing)	5.40
Oct-16 to Sep-17	3.93		3.79
			% increase 41.8%

Natural Gas Citygate Price in Washington Monthly

<https://www.eia.gov/opendata/v1/qb.php?category=461984&sdid=NG.N3050WA3.M>

13:15:35 GMT-0700 (Pacific Daylight Time)

Source: U.S. Energy Information Administration

Month Series ID: NG.N3050WA3.M Dollars per Thousand Cubic Feet

Apr-22	5.87
Mar-22	5.42
Feb-22	5.08
Jan-22	6.05
Dec-21	5.54
Nov-21	5.97
Oct-21	5.08
Sep-21	5.2
Aug-21	5.19
Jul-21	6.35
Jun-21	6
May-21	
Apr-21	4.08
Mar-21	3.85
Feb-21	3.04
Jan-21	
Dec-20	3.65
Nov-20	3.87
Oct-20	3.81
Sep-20	5.45
Aug-20	5.67
Jul-20	5.5
Jun-20	4.71
May-20	4.29
Apr-20	3.3
Mar-20	3.09
Feb-20	3.27
Jan-20	3.6
Dec-19	4.05
Nov-19	3.56
Oct-19	3
Sep-19	3.11
Aug-19	3.71
Jul-19	3.89
Jun-19	3.48
May-19	3.7
Apr-19	3.41
Mar-19	7.02
Feb-19	5.39
Jan-19	3.41
Dec-18	3.91
Nov-18	4.29
Oct-18	4.12
Sep-18	4.79
Aug-18	3.77
Jul-18	4.7
Jun-18	4.52
May-18	3.64
Apr-18	3.18
Mar-18	3.01

<https://www.eia.gov/energyexplained/units-and-calculators/energy-conversion-calculators.php>

1000 cubic feet = 1.039 MMBtu

NATURAL GAS CONVERSION CALCULATOR

cubic feet <input style="width: 80%;" type="text" value="1,000"/>	Btu <input style="width: 80%;" type="text" value="1,039,000"/>	megajoules <input style="width: 80%;" type="text" value="1,096.2"/>	cubic meters <input style="width: 80%;" type="text" value="28.3"/>
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CLEAR
CALCULATE

1 cubic foot = 1,039 Btu (based on U.S. average for natural gas delivered to consumers in 2021, preliminary)

Feb-18	3.28
Jan-18	3.19
Dec-17	3.21
Nov-17	3.32
Oct-17	2.79
Sep-17	3.93
Aug-17	4.78
Jul-17	4.21
Jun-17	4.18
May-17	4.26
Apr-17	3.64
Mar-17	3.04
Feb-17	3.47
Jan-17	3.77
Dec-16	3.58
Nov-16	4.14
Oct-16	4.2
Sep-16	4.85
Aug-16	4.35
Jul-16	4.56
Jun-16	3.57
May-16	3.85
Apr-16	3.43
Mar-16	3.12
Feb-16	3.63
Jan-16	3.21
Dec-15	3.46
Nov-15	3.51
Oct-15	4.25
Sep-15	5.08
Aug-15	5.84
Jul-15	5.29
Jun-15	5.24
May-15	5.1
Apr-15	4.19
Mar-15	4.96
Feb-15	4.89
Jan-15	4.79
Dec-14	5.15
Nov-14	5.38
Oct-14	5.87
Sep-14	6.89
Aug-14	7.75
Jul-14	7.88
Jun-14	7.01
May-14	6.91
Apr-14	5.54
Mar-14	6.63
Feb-14	5.52
Jan-14	5.02
Dec-13	4.9
Nov-13	4.96
Oct-13	4.51
Sep-13	4.78
Aug-13	5.93
Jul-13	6.25
Jun-13	6.38
May-13	5.86
Apr-13	4.99
Mar-13	4.81

Feb-13	4.44
Jan-13	4.39
Dec-12	4.56
Nov-12	4.7
Oct-12	4.56
Sep-12	5.08
Aug-12	6.2
Jul-12	5.91
Jun-12	5.1
May-12	4.69
Apr-12	3.96
Mar-12	3.76
Feb-12	4.09
Jan-12	4.4
Dec-11	4.75
Nov-11	4.99
Oct-11	5.44
Sep-11	6.82
Aug-11	7.26
Jul-11	7.1
Jun-11	6.57
May-11	6.03
Apr-11	5.24
Mar-11	5.51
Feb-11	5.66
Jan-11	5.6
Dec-10	5.51
Nov-10	5.18
Oct-10	5.77
Sep-10	6.34
Aug-10	7.29
Jul-10	7.22
Jun-10	6.97
May-10	6
Apr-10	5.91
Mar-10	6.88
Feb-10	7.16
Jan-10	7.2
Dec-09	6.33
Nov-09	6.17
Oct-09	5.62
Sep-09	6.09
Aug-09	6.99
Jul-09	7.42
Jun-09	6.67
May-09	6.25
Apr-09	5.54
Mar-09	6.66
Feb-09	6.97
Jan-09	7.73
Dec-08	8
Nov-08	7.8
Oct-08	5.9
Sep-08	6.1
Aug-08	9.43
Jul-08	11.76
Jun-08	10.37
May-08	10.11
Apr-08	9.2
Mar-08	8.12

Feb-08	7.55
Jan-08	7.17
Dec-07	7.4
Nov-07	6.77
Oct-07	5.79
Sep-07	6
Aug-07	7.4
Jul-07	7.7
Jun-07	7.18
May-07	7.49
Apr-07	7.1
Mar-07	7.75
Feb-07	7.68
Jan-07	7.08
Dec-06	7.71
Nov-06	7.45
Oct-06	5.68
Sep-06	8.23
Aug-06	8.02
Jul-06	8.11
Jun-06	7.48
May-06	8.01
Apr-06	7.82
Mar-06	7.99
Feb-06	8.02
Jan-06	9.24
Dec-05	9.35
Nov-05	10.12
Oct-05	9.79
Sep-05	9.19
Aug-05	7.72
Jul-05	7.41
Jun-05	7.7
May-05	7.39
Apr-05	7.08
Mar-05	6.5
Feb-05	6.41
Jan-05	6.4
Dec-04	6.88
Nov-04	7.1
Oct-04	5.56
Sep-04	6.12
Aug-04	6.8
Jul-04	6.68
Jun-04	7.02
May-04	6.23
Apr-04	5.59
Mar-04	5.78
Feb-04	5.36
Jan-04	5.74
Dec-03	5.1
Nov-03	4.59
Oct-03	4.87
Sep-03	6.23
Aug-03	5.66
Jul-03	6.33
Jun-03	6.39
May-03	5.35
Apr-03	4.82
Mar-03	6.44

Feb-03	4.48
Jan-03	4.48
Dec-02	4.24
Nov-02	4.45
Oct-02	3.51
Sep-02	3.81
Aug-02	3.8
Jul-02	4.34
Jun-02	4.73
May-02	4.07
Apr-02	4.28
Mar-02	3.86
Feb-02	4.09
Jan-02	2.24
Dec-01	3.88
Nov-01	4.09
Oct-01	3
Sep-01	3.55
Aug-01	3.5
Jul-01	3.92
Jun-01	4.07
May-01	5.41
Apr-01	5.14
Mar-01	5.33
Feb-01	6.61
Jan-01	9.91
Dec-00	8.1
Nov-00	4.71
Oct-00	4.35
Sep-00	3.67
Aug-00	3.76
Jul-00	4.96
Jun-00	4.83
May-00	3.22
Apr-00	3.47
Mar-00	2.86
Feb-00	2.82
Jan-00	2.75
Dec-99	3.38
Nov-99	3.28
Oct-99	2.81
Sep-99	3.11
Aug-99	2.62
Jul-99	2.76
Jun-99	2.36
May-99	2.71
Apr-99	2.6
Mar-99	2.35
Feb-99	2.2
Jan-99	2.54
Dec-98	2.38
Nov-98	1.79
Oct-98	2.46
Sep-98	2.37
Aug-98	2.2
Jul-98	2.16
Jun-98	2.6
May-98	2.37
Apr-98	2.6
Mar-98	2.28

Feb-98	2.43
Jan-98	2.41
Dec-97	2.39
Nov-97	2.82
Oct-97	2.27
Sep-97	2.44
Aug-97	2.41
Jul-97	2.53
Jun-97	2.28
May-97	2.53
Apr-97	2.7
Mar-97	1.89
Feb-97	2.62
Jan-97	3.45
Dec-96	3.14
Nov-96	2.5
Oct-96	1.94
Sep-96	2.71
Aug-96	3.21
Jul-96	3.57
Jun-96	3.39
May-96	2.3
Apr-96	2.23
Mar-96	1.99
Feb-96	2.12
Jan-96	1.98
Dec-95	2.07
Nov-95	2.14
Oct-95	2.02
Sep-95	2.06
Aug-95	1.98
Jul-95	1.79
Jun-95	1.93
May-95	1.92
Apr-95	2.21
Mar-95	2.44
Feb-95	2.46
Jan-95	2.4
Dec-94	2.64
Nov-94	3.14
Oct-94	2.89
Sep-94	2.33
Aug-94	2.3
Jul-94	2.2
Jun-94	2.38
May-94	2.55
Apr-94	2.34
Mar-94	2.46
Feb-94	2.35
Jan-94	2.52
Dec-93	2.56
Nov-93	2.98
Oct-93	2.76
Sep-93	2.89
Aug-93	2.35
Jul-93	2.37
Jun-93	2.56
May-93	2.52
Apr-93	1.85
Mar-93	2.06

Feb-93	2.11
Jan-93	2.18
Dec-92	2.16
Nov-92	1.98
Oct-92	2
Sep-92	1.99
Aug-92	1.93
Jul-92	1.96
Jun-92	1.87
May-92	1.84
Apr-92	1.63
Mar-92	1.8
Feb-92	1.77
Jan-92	1.76
Dec-91	2.1
Nov-91	2
Oct-91	1.97
Sep-91	1.87
Aug-91	1.84
Jul-91	1.9
Jun-91	1.74
May-91	1.65
Apr-91	1.76
Mar-91	1.89
Feb-91	1.87
Jan-91	2.02
Dec-90	1.98
Nov-90	1.96
Oct-90	1.85
Sep-90	1.89
Aug-90	1.84
Jul-90	1.88
Jun-90	1.83
May-90	1.71
Apr-90	1.82
Mar-90	1.84
Feb-90	2.05
Jan-90	2.32
Dec-89	2.15
Nov-89	1.92
Oct-89	2.2
Sep-89	2.19
Aug-89	2.19
Jul-89	2.32
Jun-89	2.33
May-89	2.49
Apr-89	2.13
Mar-89	2.1
Feb-89	2.33
Jan-89	2.27