

**APPENDIX II**

**2001**

**ALBERTA  
LINEAR PROPERTY  
ASSESSMENT MANUAL**



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## LINEAR PROPERTY ASSESSMENT MANUAL

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**1.000 SCHEDULE A–BASE COST**

**1.001 LINEAR PROPERTY NOT DESCRIBED IN SCHEDULE A**

The cost factors in Table 1, 2, 3 and 4 and the formula below shall be used to determine the base cost for linear property that is *not* described in Schedule A.

Formula: Base Cost = ac X cf

Where ac = the cost of linear property determined in accordance with Appendix V of the Minister's Guidelines.

cf = is the factor to convert the cost of the linear property (ac) from the year it was constructed in, to its cost in 1994.

**1.001.100 TABLE 1–Cost Factors For Electric Power Systems**

Year of Construction	Cost Factor	Year of Construction	Cost Factor	Year of Construction	Cost Factor
		1942	9.99	1972	3.53
1913	18.86	1943	9.77	1973	3.31
1914	19.51	1944	9.71	1974	2.93
1915	19.88	1945	9.63	1975	2.43
1916	18.35	1946	8.93	1976	2.14
1917	15.57	1947	8.30	1977	1.96
1918	13.56	1948	7.94	1978	1.78
1919	11.97	1949	7.95	1979	1.57
1920	9.80	1950	7.73	1980	1.40
1921	10.87	1951	6.94	1981	1.24
1922	11.78	1952	6.50	1982	1.16
1923	11.48	1953	6.12	1983	1.28
1924	11.61	1954	6.05	1984	1.34
1925	11.79	1955	6.00	1985	1.30
1926	11.89	1956	5.76	1986	1.30
1927	11.90	1957	5.56	1987	1.26
1928	11.62	1958	5.45	1988	1.24
1929	11.18	1959	5.39	1989	1.18
1930	11.57	1960	5.34	1990	1.13
1931	12.46	1961	5.30	1991	1.07
1932	13.43	1962	5.29	1992	1.05
1933	14.08	1963	5.26	1993	1.03
1934	13.87	1964	5.05	1994	1.00
1935	13.73	1965	4.86	1995	1.00
1936	13.34	1966	4.68	1996	1.00
1937	12.49	1967	4.29	1997	0.99
1938	12.72	1968	4.48	1998	0.98
1939	12.60	1969	4.39	1999	0.97
1940	11.96	1970	3.97	2000	0.97
1941	10.91	1971	3.82	2001	0.97

TABLE 2–Cost Factors For Telecommunication Systems\*

Year of Construction	Cost Factor	Year of Construction	Cost Factor	Year of Construction	Cost Factor
		1942	9.99	1972	3.53
1913	18.86	1943	9.77	1973	3.31
1914	19.51	1944	9.71	1974	2.93
1915	19.88	1945	9.63	1975	2.43
1916	18.35	1946	8.93	1976	2.14
1917	15.57	1947	8.30	1977	1.96
1918	13.56	1948	7.94	1978	1.78
1919	11.97	1949	7.95	1979	1.57
1920	9.80	1950	7.73	1980	1.40
1921	10.87	1951	6.94	1981	1.24
1922	11.78	1952	6.50	1982	1.16
1923	11.48	1953	6.12	1983	1.15
1924	11.61	1954	6.05	1984	1.09
1925	11.79	1955	6.00	1985	1.05
1926	11.89	1956	5.76	1986	1.04
1927	11.90	1957	5.56	1987	1.00
1928	11.62	1958	5.45	1988	1.00
1929	11.18	1959	5.39	1989	0.98
1930	11.57	1960	5.34	1990	1.01
1931	12.46	1961	5.30	1991	0.97
1932	13.43	1962	5.29	1992	1.01
1933	14.08	1963	5.26	1993	0.98
1934	13.87	1964	5.05	1994	1.00
1935	13.73	1965	4.86	1995	1.00
1936	13.34	1966	4.68	1996	0.99
1937	12.49	1967	4.29	1997	0.99
1938	12.72	1968	4.48	1998	0.98
1939	12.60	1969	4.39	1999	1.03
1940	11.96	1970	3.97	2000	1.02
1941	10.91	1971	3.82	2001	1.01

\*Does not include Cable Television Systems

1.001.300

**TABLE 3–Cost Factors For Cable Television Systems**

<b>Year of Construction</b>	<b>Cost Factor</b>	<b>Year of Construction</b>	<b>Cost Factor</b>	<b>Year of Construction</b>	<b>Cost Factor</b>
		1942	9.99	1972	3.53
1913	18.86	1943	9.77	1973	3.31
1914	19.51	1944	9.71	1974	2.93
1915	19.88	1945	9.63	1975	2.43
1916	18.35	1946	8.93	1976	2.14
1917	15.57	1947	8.30	1977	1.96
1918	13.56	1948	7.94	1978	1.78
1919	11.97	1949	7.95	1979	1.57
1920	9.80	1950	7.73	1980	1.40
1921	10.87	1951	6.94	1981	1.24
1922	11.78	1952	6.50	1982	1.16
1923	11.48	1953	6.12	1983	1.28
1924	11.61	1954	6.05	1984	1.34
1925	11.79	1955	6.00	1985	1.30
1926	11.89	1956	5.76	1986	1.30
1927	11.90	1957	5.56	1987	1.26
1928	11.62	1958	5.45	1988	1.24
1929	11.18	1959	5.39	1989	1.18
1930	11.57	1960	5.34	1990	1.13
1931	12.46	1961	5.30	1991	1.07
1932	13.43	1962	5.29	1992	1.05
1933	14.08	1963	5.26	1993	1.03
1934	13.87	1964	5.05	1994	1.00
1935	13.73	1965	4.86	1995	1.00
1936	13.34	1966	4.68	1996	1.00
1937	12.49	1967	4.29	1997	1.00
1938	12.72	1968	4.48	1998	0.99
1939	12.60	1969	4.39	1999	0.97
1940	11.96	1970	3.97	2000	0.99
1941	10.91	1971	3.82	2001	0.98

**1.001.400 TABLE 4–Cost Factors For Pipeline**

<b>Year of Construction</b>	<b>Cost Factor</b>	<b>Year of Construction</b>	<b>Cost Factor</b>	<b>Year of Construction</b>	<b>Cost Factor</b>
		1942	9.99	1972	3.53
1913	18.86	1943	9.77	1973	3.31
1914	19.51	1944	9.71	1974	2.93
1915	19.88	1945	9.63	1975	2.43
1916	18.35	1946	8.93	1976	2.14
1917	15.57	1947	8.30	1977	1.96
1918	13.56	1948	7.94	1978	1.78
1919	11.97	1949	7.95	1979	1.57
1920	9.80	1950	7.73	1980	1.40
1921	10.87	1951	6.94	1981	1.24
1922	11.78	1952	6.50	1982	1.16
1923	11.48	1953	6.12	1983	1.28
1924	11.61	1954	6.05	1984	1.34
1925	11.79	1955	6.00	1985	1.30
1926	11.89	1956	5.76	1986	1.30
1927	11.90	1957	5.56	1987	1.26
1928	11.62	1958	5.45	1988	1.24
1929	11.18	1959	5.39	1989	1.18
1930	11.57	1960	5.34	1990	1.13
1931	12.46	1961	5.30	1991	1.07
1932	13.43	1962	5.29	1992	1.05
1933	14.08	1963	5.26	1993	1.03
1934	13.87	1964	5.05	1994	1.00
1935	13.73	1965	4.86	1995	0.98
1936	13.34	1966	4.68	1996	0.97
1937	12.49	1967	4.29	1997	0.94
1938	12.72	1968	4.48	1998	0.91
1939	12.60	1969	4.39	1999	0.88
1940	11.96	1970	3.97	2000	0.88
1941	10.91	1971	3.82	2001	0.86

**1.002 LINEAR PROPERTY DESCRIBED IN SCHEDULE A**

The rates in Schedule A reflect typical costs for field installations of component types in both urban and rural municipalities. These rates apply to each component type described below regardless of the exact configuration of the system.

The rates for property described in Schedule A must be used to determine the base cost for that property and no changes or adjustments to the rates are permissible.

The base cost for linear property described in Schedule A Section 1.002 is determined as follows:

- 1) Select the property type.
- 2) Select the property component type.
- 3) Apply the formula associated with the property component type.



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**1.003 ELECTRIC POWER SYSTEMS (ELE)****1.003.100 Electric Power Distribution Systems**

Formula: Base Cost = n X rate per customer hookup in each component type

Where n = the number of customer hookups in each component type

Code	Component Type	Rate Per Customer Hookup (\$)
EDS 10	0 - 56 kVA or 0 - 50 kW	700
EDS 20	57 - 84 kVA or 51 - 76 kW	1 500
EDS 30	85 - 150 kVA or 77 - 135 kW	9 000
EDS 40	151 - 300 kVA or 136 - 270 kW	13 000
EDS 50	301 - 600 kVA or 271 - 540 kW	24 000
EDS 60	601 - 1 500 kVA or 541 - 1 350 kW	45 000
EDS 70	1 501 - 4 000 kVA or 1 351 - 3 600 kW	65 000
EDS 80	4 001 - 6 700 kVA or 3 601 - 6 000 kW	105 000

**1.003.200 Street Lighting**

Formula: Base Cost = n X rate per pole of the component type

Where n = the number of poles of the component type

Code	Component Type	Rate Per Pole (\$)
ESL 10	All types and Sizes	800

Component Type typically includes:

- poles and fixtures
- installation

**1.003.300 Oil and Gas Field Services**

Formula: Base Cost = n X rate per customer hookup of the component type

Where n = the number of customer hookups of the component type

Code	Component Type	Rate Per Customer Hookup(\$)
EFS 10	Oil & Gas Service	7 950

**1.003.400 Electric Power Transmission Lines**

Formula: Base Cost = n X rate per kilometre in each component type

Where n = length in kilometre(s) in each component type

Code	Component Type	Rate Per Kilometre (\$)
ET 10	Single Circuit-60 to 75 kV	30 000
ET 20	Single Circuit-76 to 150 kV	35 500
ET 30	Single Circuit-151 to 250 kV	84 500
ET 40	Single Circuit-251 to 500 kV	198 000
ET 50	Double Circuit-60 to 75 kV	19 000
ET 60	Double Circuit-76 to 150 kV	23 000
ET 70	Double Circuit-151 to 250 kV	34 000

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**1.004 TELECOMMUNICATION SYSTEMS**

**1.004.100 Cable Television Systems**

**1.004.200 Transmission and Distribution Line**

Formula: Base Cost = n X rate per metre in each component type

Where n = length in metre(s) in each component type

<b>Code</b>	<b>Component Type:</b>	<b>Rate Per Metre (\$)</b>
CTD 10	Trunk Line 0 to 13mm	<b>6.17</b>
CTD 20	Trunk Line 14 to 19 mm	<b>7.00</b>
CTD 30	Trunk Line 20 to 25 mm	<b>8.85</b>
CTD 40	Joint Trunk Line 13 mm with 13 mm Distribution Line	<b>10.56</b>
CTD 50	Joint Trunk Line 19 mm with 13 mm Distribution Line	<b>11.15</b>
CTD 60	Additional Trunk Line to existing Trunk Line 13 mm	<b>3.08</b>
CTD 70	Additional Trunk Line to existing Trunk Line 19 mm	<b>3.50</b>
CTD 80	Additional Trunk Line to existing Trunk Line 25 mm	<b>4.42</b>
CTD 90	Distribution Line 10 mm	<b>8.55</b>
CTD 100	Distribution Line 13 mm	<b>8.70</b>

**1.004.300 Service Hookups**

Formula: Base Cost = n X rate per customer hookup in each component type

Where n = the number of customer hookups in each component type

<b>Code</b>	<b>Component Type</b>	<b>Rate Per Customer Hookup (\$)</b>
CSH 10	Single Service Drop	<b>45.00</b>
CSH 20	Service Drops Within a building	<b>32.00</b>

**1.004.400 Cable Headend Equipment**

Formula: Base Cost = n X rate per channel in the applicable component type

Where n = number of channels in the applicable component type

<b>Code</b>	<b>Component Type</b>	<b>Rate Per Channel (\$)</b>
CHD 10	Under 2 000 Subscribers	<b>1 000</b>
CHD 20	2 001 to 6 000 Subscribers	<b>2 000</b>
CHD 30	Over 6 000 Subscribers	<b>5 000</b>

**Note:** Rates are based on a 6 MHz analog channel.

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**1.005****PIPELINE (PL)**

In this manual, the following definitions apply:

- (a) “Deepest Producing Zone” is the depth of the well used to calculate base cost. Well depth will be calculated based on one of the following variables as determined by the record at the Alberta Energy and Utilities Board:
- shoe set depth, total vertical depth, plug back depth or midpoint of the deepest producing interval. The variable chosen for the calculation will be the variable with the minimum value greater than zero.
- Notwithstanding the above, in the case of wells identified as confidential at the Alberta Energy and Utilities Board, the assessor may establish the depth.
- (b) “Discontinued” is the status of pipe as determined by the record at Alberta Energy and Utilities Board.
- (c) “Gas distribution system” means a pipeline or a system of pipelines designed, constructed, and operated for the distribution of gas to consumers in the immediate area, but does not include a gas conveyance pipeline licensed to operate under the *Pipeline Act*.
- (d) “High Pressure” means design pressure 6 900 kPa (1 000 psi) or greater as determined by the record at Alberta Energy and Utilities Board or as determined by the assessor.
- (e) “Licence Number” is an identification number given to the linear property by the Alberta Energy and Utilities Board.
- (f) “Low pressure” means design pressure less than 6 900 kPa (1 000 psi), as determined by the Alberta Energy and Utilities Board or as determined by the assessor.
- (g) “Non-producing well” means a well for which an assessment is prepared but did not produce for the period of 12 months before October 31 of the assessment year as determined by the record at Alberta Energy and Utilities Board or as determined by the assessor.
- (h) “Operational” is a pipe status given to the linear property by the Alberta Energy and Utilities Board or as determined by the assessor.
- (i) “Operator” has the meaning given to in the *Act*.
- (j) “Permitted” is a pipe status given to the linear property by the Alberta Energy and Utilities Board or as determined by the assessor.
- (k) “Pool Code” is the code found on the well record at Alberta Energy and Utilities Board.
- (l) “Storage” is the status of a well as determined on the record at Alberta Energy and Utilities Board.
- (m) “Suspended” is the status of a well as determined by the record at Alberta Energy and Utilities Board.
- (n) “Well site” means the area of land associated with a well.
- (o) “Zone” has the meaning given to it in the *Oil and Gas Conservation Act*.

**Single-Zone and Multi-Zone Wells**

In this section, the assessment of pipeline that is standardized well pipe, and well head installations in or on a well for which a license is required under the *Oil and Gas Conservation Act*, shall be determined according to section 1.005.300 of this manual.

*Assessment Commissioner’s Bulletin No. 4/83 and 2/86*, (the ‘Bulletins’) are not prescribed by Statute or regulation. The Bulletins are not relevant to well assessment and should not be relied upon. The current legislation should be used for the definition of pipeline.

**1.005.100 Pipe (PL)**

Formula: Base Cost = n X rate per kilometre in each component type

Where n = length in kilometre(s) in each component type

<b>Code</b>	<b>Material</b>	<b>Substance</b>	<b>Size Range mm (pressure)</b>	<b>Rate Per Kilometre \$</b>
10	Steel	Crude Oil	0 to 24.0(LP)	<b>14 300</b>
11	Steel	Crude Oil	0 to 24.0(HP)	<b>15 800</b>
20	Steel	Crude Oil	24.1 to 30.1(LP)	<b>15 000</b>
21	Steel	Crude Oil	24.1 to 30.1(HP)	<b>16 400</b>
30	Steel	Crude Oil	30.2 to 37.8(LP)	<b>15 700</b>
31	Steel	Crude Oil	30.2 to 37.8(HP)	<b>17 100</b>
40	Steel	Crude Oil	37.9 to 45.3(LP)	<b>17 400</b>
41	Steel	Crude Oil	37.9 to 45.3(HP)	<b>19 100</b>
50	Steel	Crude Oil	45.4 to 54.3(LP)	<b>17 400</b>
51	Steel	Crude Oil	45.4 to 54.3(HP)	<b>19 100</b>
60	Steel	Crude Oil	54.4 to 74.6(LP)	<b>25 300</b>
61	Steel	Crude Oil	54.4 to 74.6(HP)	<b>26 200</b>
70	Steel	Crude Oil	74.7 to 101.6(LP)	<b>31 100</b>
71	Steel	Crude Oil	74.7 to 101.6(HP)	<b>32 100</b>
80	Steel	Crude Oil	101.7 to 141.3(LP)	<b>39 800</b>
81	Steel	Crude Oil	101.7 to 141.3(HP)	<b>40 900</b>
90	Steel	Crude Oil	141.4 to 193.7(LP)	<b>50 800</b>
91	Steel	Crude Oil	141.4 to 193.7(HP)	<b>58 100</b>
100	Steel	Crude Oil	193.8 to 246.1(LP)	<b>64 500</b>
101	Steel	Crude Oil	193.8 to 246.1(HP)	<b>78 800</b>
110	Steel	Crude Oil	246.2 to 298.5(LP)	<b>75 900</b>
111	Steel	Crude Oil	246.2 to 298.5(HP)	<b>92 800</b>
120	Steel	Crude Oil	298.6 to 339.8(LP)	<b>87 800</b>
121	Steel	Crude Oil	298.6 to 339.8(HP)	<b>105 600</b>
130	Steel	Crude Oil	339.9 to 381.0(LP)	<b>107 900</b>
131	Steel	Crude Oil	339.9 to 381.0(HP)	<b>126 100</b>
140	Steel	Crude Oil	381.1 to 431.7(LP)	<b>130 400</b>
141	Steel	Crude Oil	381.1 to 431.7(HP)	<b>149 000</b>
150	Steel	Crude Oil	431.8 to 482.5(LP)	<b>164 400</b>
151	Steel	Crude Oil	431.8 to 482.5(HP)	<b>182 200</b>
160	Steel	Crude Oil	482.6 to 533.5(LP)	<b>188 700</b>
161	Steel	Crude Oil	482.6 to 533.5(HP)	<b>199 600</b>
170	Steel	Crude Oil	533.6 to 584.5(LP)	<b>204 600</b>
171	Steel	Crude Oil	533.6 to 584.5(HP)	<b>231 600</b>
180	Steel	Crude Oil	584.6 to 635.0(LP)	<b>257 200</b>
181	Steel	Crude Oil	584.6 to 635.0(HP)	<b>275 300</b>
190	Steel	Crude Oil	635.1 to 685.5(LP)	<b>284 300</b>
191	Steel	Crude Oil	635.1 to 685.5(HP)	<b>300 700</b>
200	Steel	Crude Oil	685.6 to 736.5(LP)	<b>300 400</b>
201	Steel	Crude Oil	685.6 to 736.5(HP)	<b>333 000</b>

**1.005.100 Pipe (PL) (cont.)**

Formula: Base Cost = n X rate per kilometre in each component type

Where n = length in kilometre(s) in each component type

<b>Code</b>	<b>Material</b>	<b>Substance</b>	<b>Size Range mm (pressure)</b>	<b>Rate Per Kilometre \$</b>
210	Steel	Crude Oil	736.6 to 787.5(LP)	<b>337 500</b>
211	Steel	Crude Oil	736.6 to 787.5(HP)	<b>374 800</b>
220	Steel	Crude Oil	787.6 to 838.5(LP)	<b>373 100</b>
221	Steel	Crude Oil	787.6 to 838.5(HP)	<b>396 700</b>
230	Steel	Crude Oil	838.6 to 889.0(LP)	<b>390 400</b>
231	Steel	Crude Oil	838.6 to 889.0(HP)	<b>433 800</b>
240	Steel	Crude Oil	889.1 to 990.5(LP)	<b>432 700</b>
241	Steel	Crude Oil	889.1 to 990.5(HP)	<b>480 300</b>
250	Steel	Crude Oil	990.6 to 1143.0(LP)	<b>517 900</b>
251	Steel	Crude Oil	990.6 to 1143.0(HP)	<b>570 600</b>
260	Steel	Crude Oil	1143.1 to 1320.5(LP)	<b>653 800</b>
261	Steel	Crude Oil	1143.1 to 1320.5(HP)	<b>741 300</b>
270	Steel	Crude Oil	1320.6 to 1523.5(LP)	<b>891 900</b>
271	Steel	Crude Oil	1320.6 to 1523.5(HP)	<b>1 005 100</b>
280	Steel	Sour Natural Gas	0 to 24.0(HP)	<b>15 800</b>
281	Steel	Sour Natural Gas	0 to 24.0(LP)	<b>14 300</b>
290	Steel	Sour Natural Gas	24.1 to 30.1(HP)	<b>16 400</b>
291	Steel	Sour Natural Gas	24.1 to 30.1(LP)	<b>15 000</b>
300	Steel	Sour Natural Gas	30.2 to 37.8(HP)	<b>17 100</b>
301	Steel	Sour Natural Gas	30.2 to 37.8(LP)	<b>15 700</b>
310	Steel	Sour Natural Gas	37.9 to 45.3(HP)	<b>19 100</b>
311	Steel	Sour Natural Gas	37.9 to 45.3(LP)	<b>17 400</b>
320	Steel	Sour Natural Gas	45.4 to 54.3(HP)	<b>19 100</b>
321	Steel	Sour Natural Gas	45.4 to 54.3(LP)	<b>17 400</b>
340	Steel	Sour Natural Gas	54.4 to 74.6(HP)	<b>26 200</b>
341	Steel	Sour Natural Gas	54.4 to 74.6(LP)	<b>25 300</b>
350	Steel	Sour Natural Gas	74.7 to 101.6(HP)	<b>32 100</b>
351	Steel	Sour Natural Gas	74.7 to 101.6(LP)	<b>31 100</b>
360	Steel	Sour Natural Gas	101.7 to 141.3(HP)	<b>40 900</b>
361	Steel	Sour Natural Gas	101.7 to 141.3(LP)	<b>39 800</b>
370	Steel	Sour Natural Gas	141.4 to 193.7(HP)	<b>58 100</b>
371	Steel	Sour Natural Gas	141.4 to 193.7(LP)	<b>50 800</b>
380	Steel	Sour Natural Gas	193.8 to 246.1(HP)	<b>78 800</b>
381	Steel	Sour Natural Gas	193.8 to 246.1(LP)	<b>64 500</b>
390	Steel	Sour Natural Gas	246.2 to 298.5(HP)	<b>92 800</b>
391	Steel	Sour Natural Gas	246.2 to 298.5(LP)	<b>75 900</b>
400	Steel	Sour Natural Gas	298.6 to 339.8(HP)	<b>105 600</b>
401	Steel	Sour Natural Gas	298.6 to 339.8(LP)	<b>87 800</b>
410	Steel	Sour Natural Gas	339.9 to 381.0(HP)	<b>126 100</b>
411	Steel	Sour Natural Gas	339.9 to 381.0(LP)	<b>107 900</b>

**1.005.100 Pipe (PL) (cont.)**

Formula: Base Cost = n X rate per kilometre in each component type

Where n = length in kilometre(s) in each component type

<b>Code</b>	<b>Material</b>	<b>Substance</b>	<b>Size Range mm (pressure)</b>	<b>Rate Per Kilometre \$</b>
420	Steel	Sour Natural Gas	381.1 to 431.7(HP)	<b>149 000</b>
421	Steel	Sour Natural Gas	381.1 to 431.7(LP)	<b>130 400</b>
430	Steel	Sour Natural Gas	431.8 to 482.5(HP)	<b>182 200</b>
431	Steel	Sour Natural Gas	431.8 to 482.5(LP)	<b>164 400</b>
440	Steel	Sour Natural Gas	482.6 to 533.5(HP)	<b>199 600</b>
441	Steel	Sour Natural Gas	482.6 to 533.5(LP)	<b>188 700</b>
450	Steel	Sour Natural Gas	533.6 to 584.5(HP)	<b>231 600</b>
451	Steel	Sour Natural Gas	533.6 to 584.5(LP)	<b>204 600</b>
460	Steel	Sour Natural Gas	584.6 to 635.0(HP)	<b>275 300</b>
461	Steel	Sour Natural Gas	584.6 to 635.0(LP)	<b>257 200</b>
470	Steel	Sour Natural Gas	635.1 to 685.5(HP)	<b>300 700</b>
471	Steel	Sour Natural Gas	635.1 to 685.5(LP)	<b>284 300</b>
480	Steel	Sour Natural Gas	685.6 to 736.5(HP)	<b>333 000</b>
481	Steel	Sour Natural Gas	685.6 to 736.5(LP)	<b>300 400</b>
490	Steel	Sour Natural Gas	736.6 to 787.5(HP)	<b>374 800</b>
491	Steel	Sour Natural Gas	736.6 to 787.5(LP)	<b>337 500</b>
500	Steel	Sour Natural Gas	787.6 to 838.5(HP)	<b>396 700</b>
501	Steel	Sour Natural Gas	787.6 to 838.5(LP)	<b>373 100</b>
510	Steel	Sour Natural Gas	838.6 to 889.0(HP)	<b>433 800</b>
511	Steel	Sour Natural Gas	838.6 to 889.0(LP)	<b>390 400</b>
520	Steel	Sour Natural Gas	889.1 to 990.5(HP)	<b>480 300</b>
521	Steel	Sour Natural Gas	889.1 to 990.5(LP)	<b>432 700</b>
530	Steel	Sour Natural Gas	990.6 to 1143.0(HP)	<b>570 600</b>
531	Steel	Sour Natural Gas	990.6 to 1143.0(LP)	<b>517 900</b>
540	Steel	Sour Natural Gas	1143.1 to 1320.5(HP)	<b>741 300</b>
541	Steel	Sour Natural Gas	1143.1 to 1320.5(LP)	<b>653 800</b>
550	Steel	Sour Natural Gas	1320.6 to 1523.5(HP)	<b>1 005 100</b>
551	Steel	Sour Natural Gas	1320.6 to 1523.5(LP)	<b>891 900</b>
560	Steel	Fuel Gas	0 to 24.0(HP)	<b>15 800</b>
561	Steel	Fuel Gas	0 to 24.0(LP)	<b>14 300</b>
570	Steel	Fuel Gas	24.1 to 30.1(HP)	<b>16 400</b>
571	Steel	Fuel Gas	24.1 to 30.1(LP)	<b>15 000</b>
580	Steel	Fuel Gas	30.2 to 37.8(HP)	<b>17 100</b>
581	Steel	Fuel Gas	30.2 to 37.8(LP)	<b>15 700</b>
590	Steel	Fuel Gas	37.9 to 45.3(HP)	<b>19 100</b>
591	Steel	Fuel Gas	37.9 to 45.3(LP)	<b>17 400</b>
600	Steel	Fuel Gas	45.4 to 54.3(HP)	<b>19 100</b>
601	Steel	Fuel Gas	45.4 to 54.3(LP)	<b>17 400</b>
610	Steel	Fuel Gas	54.4 to 74.6(HP)	<b>26 200</b>
611	Steel	Fuel Gas	54.4 to 74.6(LP)	<b>25 300</b>

**1.005.100 Pipe (PL) (cont.)**

Formula: Base Cost = n X rate per kilometre in each component type

Where n = length in kilometre(s) in each component type

<b>Code</b>	<b>Material</b>	<b>Substance</b>	<b>Size Range mm (pressure)</b>	<b>Rate Per Kilometre \$</b>
620	Steel	Fuel Gas	74.7 to 101.6(HP)	<b>32 100</b>
621	Steel	Fuel Gas	74.7 to 101.6(LP)	<b>31 100</b>
630	Steel	Fuel Gas	101.7 to 141.3(HP)	<b>40 900</b>
631	Steel	Fuel Gas	101.7 to 141.3(LP)	<b>39 800</b>
640	Steel	Fuel Gas	141.4 to 193.7(HP)	<b>58 100</b>
641	Steel	Fuel Gas	141.4 to 193.7(LP)	<b>50 800</b>
650	Steel	Fuel Gas	193.8 to 246.1(HP)	<b>78 800</b>
651	Steel	Fuel Gas	193.8 to 246.1(LP)	<b>64 500</b>
660	Steel	Fuel Gas	246.2 to 298.5(HP)	<b>92 800</b>
661	Steel	Fuel Gas	246.2 to 298.5(LP)	<b>75 900</b>
670	Steel	Fuel Gas	298.6 to 339.8(HP)	<b>105 600</b>
671	Steel	Fuel Gas	298.6 to 339.8(LP)	<b>87 800</b>
680	Steel	Fuel Gas	339.9 to 381.0(HP)	<b>126 100</b>
681	Steel	Fuel Gas	339.9 to 381.0(LP)	<b>107 900</b>
690	Steel	Fuel Gas	381.1 to 431.7(HP)	<b>149 000</b>
691	Steel	Fuel Gas	381.1 to 431.7(LP)	<b>130 400</b>
700	Steel	Fuel Gas	431.8 to 482.5(HP)	<b>182 200</b>
701	Steel	Fuel Gas	431.8 to 482.5(LP)	<b>164 400</b>
710	Steel	Fuel Gas	482.6 to 533.5(HP)	<b>199 600</b>
711	Steel	Fuel Gas	482.6 to 533.5(LP)	<b>188 700</b>
720	Steel	Fuel Gas	533.6 to 584.5(HP)	<b>231 600</b>
721	Steel	Fuel Gas	533.6 to 584.5(LP)	<b>204 600</b>
730	Steel	Fuel Gas	584.6 to 635.0(HP)	<b>275 300</b>
731	Steel	Fuel Gas	584.6 to 635.0(LP)	<b>257 200</b>
740	Steel	Fuel Gas	635.1 to 685.5(HP)	<b>300 700</b>
741	Steel	Fuel Gas	635.1 to 685.5(LP)	<b>284 300</b>
750	Steel	Fuel Gas	685.6 to 736.5(HP)	<b>333 000</b>
751	Steel	Fuel Gas	685.6 to 736.5(LP)	<b>300 400</b>
760	Steel	Fuel Gas	736.6 to 787.5(HP)	<b>374 800</b>
761	Steel	Fuel Gas	736.6 to 787.5(LP)	<b>337 500</b>
770	Steel	Fuel Gas	787.6 to 838.5(HP)	<b>396 700</b>
771	Steel	Fuel Gas	787.6 to 838.5(LP)	<b>373 100</b>
780	Steel	Fuel Gas	838.6 to 889.0(HP)	<b>433 800</b>
781	Steel	Fuel Gas	838.6 to 889.0(LP)	<b>390 400</b>
790	Steel	Fuel Gas	889.1 to 990.5(HP)	<b>480 300</b>
791	Steel	Fuel Gas	889.1 to 990.5(LP)	<b>432 700</b>
800	Steel	Fuel Gas	990.6 to 1143.0(HP)	<b>570 600</b>
801	Steel	Fuel Gas	990.6 to 1143.0(LP)	<b>517 900</b>
810	Steel	Fuel Gas	1143.1 to 1320.5(HP)	<b>741 300</b>
811	Steel	Fuel Gas	1143.1 to 1320.5(LP)	<b>653 800</b>

**1.005.100 Pipe (PL) (cont.)**

Formula: Base Cost = n X rate per kilometre in each component type

Where n = length in kilometre(s) in each component type

<b>Code</b>	<b>Material</b>	<b>Substance</b>	<b>Size Range mm (pressure)</b>	<b>Rate Per Kilometre \$</b>
820	Steel	Fuel Gas	1320.6 to 1523.5(HP)	<b>1 005 100</b>
821	Steel	Fuel Gas	1320.6 to 1523.5(LP)	<b>891 900</b>
830	Steel	Fresh Water	0 to 24.0(LP)	<b>14 300</b>
831	Steel	Fresh Water	0 to 24.0(HP)	<b>15 800</b>
840	Steel	Fresh Water	24.1 to 30.1(LP)	<b>15 000</b>
841	Steel	Fresh Water	24.1 to 30.1(HP)	<b>16 400</b>
850	Steel	Fresh Water	30.2 to 37.8(LP)	<b>15 700</b>
851	Steel	Fresh Water	30.2 to 37.8(HP)	<b>17 100</b>
860	Steel	Fresh Water	37.9 to 45.3(LP)	<b>17 400</b>
861	Steel	Fresh Water	37.9 to 45.3(HP)	<b>19 100</b>
870	Steel	Fresh Water	45.4 to 54.3(LP)	<b>17 400</b>
871	Steel	Fresh Water	45.4 to 54.3(HP)	<b>19 100</b>
880	Steel	Fresh Water	54.4 to 74.6(LP)	<b>25 300</b>
881	Steel	Fresh Water	54.4 to 74.6(HP)	<b>26 200</b>
890	Steel	Fresh Water	74.7 to 101.6(LP)	<b>31 100</b>
891	Steel	Fresh Water	74.7 to 101.6(HP)	<b>32 100</b>
900	Steel	Fresh Water	101.7 to 141.3(LP)	<b>39 800</b>
901	Steel	Fresh Water	101.7 to 141.3(HP)	<b>40 900</b>
910	Steel	Fresh Water	141.4 to 193.7(LP)	<b>50 800</b>
911	Steel	Fresh Water	141.4 to 193.7(HP)	<b>58 100</b>
920	Steel	Fresh Water	193.8 to 246.1(LP)	<b>64 500</b>
921	Steel	Fresh Water	193.8 to 246.1(HP)	<b>78 800</b>
930	Steel	Fresh Water	246.2 to 298.5(LP)	<b>75 900</b>
931	Steel	Fresh Water	246.2 to 298.5(HP)	<b>92 800</b>
940	Steel	Fresh Water	298.6 to 339.8(LP)	<b>87 800</b>
941	Steel	Fresh Water	298.6 to 339.8(HP)	<b>105 600</b>
950	Steel	Fresh Water	339.9 to 381.0(LP)	<b>107 900</b>
951	Steel	Fresh Water	339.9 to 381.0(HP)	<b>126 100</b>
960	Steel	Fresh Water	381.1 to 431.7(LP)	<b>130 400</b>
961	Steel	Fresh Water	381.1 to 431.7(HP)	<b>149 000</b>
970	Steel	Fresh Water	431.8 to 482.5(LP)	<b>164 400</b>
971	Steel	Fresh Water	431.8 to 482.5(HP)	<b>182 200</b>
980	Steel	Fresh Water	482.6 to 533.5(LP)	<b>188 700</b>
981	Steel	Fresh Water	482.6 to 533.5(HP)	<b>199 600</b>
990	Steel	Fresh Water	533.6 to 584.5(LP)	<b>204 600</b>
991	Steel	Fresh Water	533.6 to 584.5(HP)	<b>231 600</b>
1000	Steel	Fresh Water	584.6 to 635.0(LP)	<b>257 200</b>
1001	Steel	Fresh Water	584.6 to 635.0(HP)	<b>275 300</b>
1010	Steel	Fresh Water	635.1 to 685.5(LP)	<b>284 300</b>
1011	Steel	Fresh Water	635.1 to 685.5(HP)	<b>300 700</b>



**1.005.100 Pipe (PL) (cont.)**

Formula: Base Cost = n X rate per kilometre in each component type

Where n = length in kilometre(s) in each component type

<b>Code</b>	<b>Material</b>	<b>Substance</b>	<b>Size Range mm (pressure)</b>	<b>Rate Per Kilometre \$</b>
1020	Steel	Fresh Water	685.6 to 736.5(LP)	<b>300 400</b>
1021	Steel	Fresh Water	685.6 to 736.5(HP)	<b>333 000</b>
1030	Steel	Fresh Water	736.6 to 787.5(LP)	<b>337 500</b>
1031	Steel	Fresh Water	736.6 to 787.5(HP)	<b>374 800</b>
1040	Steel	Fresh Water	787.6 to 838.5(LP)	<b>373 100</b>
1041	Steel	Fresh Water	787.6 to 838.5(HP)	<b>396 700</b>
1050	Steel	Fresh Water	838.6 to 889.0(LP)	<b>390 400</b>
1051	Steel	Fresh Water	838.6 to 889.0(HP)	<b>433 800</b>
1060	Steel	Fresh Water	889.1 to 990.5(LP)	<b>432 700</b>
1061	Steel	Fresh Water	889.1 to 990.5(HP)	<b>480 300</b>
1070	Steel	Fresh Water	990.6 to 1143.0(LP)	<b>517 900</b>
1071	Steel	Fresh Water	990.6 to 1143.0(HP)	<b>570 600</b>
1080	Steel	Fresh Water	1143.1 to 1320.5(LP)	<b>653 800</b>
1081	Steel	Fresh Water	1143.1 to 1320.5(HP)	<b>741 300</b>
1090	Steel	Fresh Water	1320.6 to 1523.5(LP)	<b>891 900</b>
1091	Steel	Fresh Water	1320.6 to 1523.5(HP)	<b>1 005 100</b>
1100	Steel	HVP Products	0 to 24.0(HP)	<b>15 800</b>
1101	Steel	HVP Products	0 to 24.0(LP)	<b>14 300</b>
1110	Steel	HVP Products	24.1 to 30.1(HP)	<b>16 400</b>
1111	Steel	HVP Products	24.1 to 30.1(LP)	<b>15 000</b>
1120	Steel	HVP Products	30.2 to 37.8(HP)	<b>17 100</b>
1121	Steel	HVP Products	30.2 to 37.8(LP)	<b>15 700</b>
1130	Steel	HVP Products	37.9 to 45.3(HP)	<b>19 100</b>
1131	Steel	HVP Products	37.9 to 45.3(LP)	<b>17 400</b>
1140	Steel	HVP Products	45.4 to 54.3(HP)	<b>19 100</b>
1141	Steel	HVP Products	45.4 to 54.3(LP)	<b>17 400</b>
1150	Steel	HVP Products	54.4 to 74.6(HP)	<b>26 200</b>
1151	Steel	HVP Products	54.4 to 74.6(LP)	<b>25 300</b>
1160	Steel	HVP Products	74.7 to 101.6(HP)	<b>32 100</b>
1161	Steel	HVP Products	74.7 to 101.6(LP)	<b>31 100</b>
1170	Steel	HVP Products	101.7 to 141.3(HP)	<b>40 900</b>
1171	Steel	HVP Products	101.7 to 141.3(LP)	<b>39 800</b>
1180	Steel	HVP Products	141.4 to 193.7(HP)	<b>58 100</b>
1181	Steel	HVP Products	141.4 to 193.7(LP)	<b>50 800</b>
1190	Steel	HVP Products	193.8 to 246.1(HP)	<b>78 800</b>
1191	Steel	HVP Products	193.8 to 246.1(LP)	<b>64 500</b>
1200	Steel	HVP Products	246.2 to 298.5(HP)	<b>92 800</b>
1201	Steel	HVP Products	246.2 to 298.5(LP)	<b>75 900</b>
1210	Steel	HVP Products	298.6 to 339.8(HP)	<b>105 600</b>
1211	Steel	HVP Products	298.6 to 339.8(LP)	<b>87 800</b>

**1.005.100 Pipe (PL) (cont.)**

Formula: Base Cost = n X rate per kilometre in each component type

Where n = length in kilometre(s) in each component type

<b>Code</b>	<b>Material</b>	<b>Substance</b>	<b>Size Range mm (pressure)</b>	<b>Rate Per Kilometre \$</b>
1220	Steel	HVP Products	339.9 to 381.0(HP)	<b>126 100</b>
1221	Steel	HVP Products	339.9 to 381.0(LP)	<b>107 900</b>
1230	Steel	HVP Products	381.1 to 431.7(HP)	<b>149 000</b>
1231	Steel	HVP Products	381.1 to 431.7(LP)	<b>130 400</b>
1240	Steel	HVP Products	431.8 to 482.5(HP)	<b>182 200</b>
1241	Steel	HVP Products	431.8 to 482.5(LP)	<b>164 400</b>
1250	Steel	HVP Products	482.6 to 533.5(HP)	<b>199 600</b>
1251	Steel	HVP Products	482.6 to 533.5(LP)	<b>188 700</b>
1260	Steel	HVP Products	533.6 to 584.5(HP)	<b>231 600</b>
1261	Steel	HVP Products	533.6 to 584.5(LP)	<b>204 600</b>
1270	Steel	HVP Products	584.6 to 635.0(HP)	<b>275 300</b>
1271	Steel	HVP Products	584.6 to 635.0(LP)	<b>257 200</b>
1280	Steel	HVP Products	635.1 to 685.5(HP)	<b>300 700</b>
1281	Steel	HVP Products	635.1 to 685.5(LP)	<b>284 300</b>
1290	Steel	HVP Products	685.6 to 736.5(HP)	<b>333 000</b>
1291	Steel	HVP Products	685.6 to 736.5(LP)	<b>300 400</b>
1300	Steel	HVP Products	736.6 to 787.5(HP)	<b>374 800</b>
1301	Steel	HVP Products	736.6 to 787.5(LP)	<b>337 500</b>
1310	Steel	HVP Products	787.6 to 838.5(HP)	<b>396 700</b>
1311	Steel	HVP Products	787.6 to 838.5(LP)	<b>373 100</b>
1320	Steel	HVP Products	838.6 to 889.0(HP)	<b>433 800</b>
1321	Steel	HVP Products	838.6 to 889.0(LP)	<b>390 400</b>
1330	Steel	HVP Products	889.1 to 990.5(HP)	<b>480 300</b>
1331	Steel	HVP Products	889.1 to 990.5(LP)	<b>432 700</b>
1340	Steel	HVP Products	990.6 to 1143.0(HP)	<b>570 600</b>
1341	Steel	HVP Products	990.6 to 1143.0(LP)	<b>517 900</b>
1350	Steel	HVP Products	1143.1 to 1320.5(HP)	<b>741 300</b>
1351	Steel	HVP Products	1143.1 to 1320.5(LP)	<b>653 800</b>
1360	Steel	HVP Products	1320.6 to 1523.5(HP)	<b>1 005 100</b>
1361	Steel	HVP Products	1320.6 to 1523.5(LP)	<b>891 900</b>
1370	Steel	LVP Products	0 to 24.0(LP)	<b>14 300</b>
1371	Steel	LVP Products	0 to 24.0(HP)	<b>15 800</b>
1380	Steel	LVP Products	24.1 to 30.1(LP)	<b>15 000</b>
1381	Steel	LVP Products	24.1 to 30.1(HP)	<b>16 400</b>
1390	Steel	LVP Products	30.2 to 37.8(LP)	<b>15 700</b>
1391	Steel	LVP Products	30.2 to 37.8(HP)	<b>17 100</b>
1400	Steel	LVP Products	37.9 to 45.3(LP)	<b>17 400</b>
1401	Steel	LVP Products	37.9 to 45.3(HP)	<b>19 100</b>
1410	Steel	LVP Products	45.4 to 54.3(LP)	<b>17 400</b>
1411	Steel	LVP Products	45.4 to 54.3(HP)	<b>19 100</b>

**1.005.100 Pipe (PL) (cont.)**

Formula: Base Cost = n X rate per kilometre in each component type

Where n = length in kilometre(s) in each component type

<b>Code</b>	<b>Material</b>	<b>Substance</b>	<b>Size Range mm (pressure)</b>	<b>Rate Per Kilometre \$</b>
1420	Steel	LVP Products	54.4 to 74.6(LP)	<b>25 300</b>
1421	Steel	LVP Products	54.4 to 74.6(HP)	<b>26 200</b>
1430	Steel	LVP Products	74.7 to 101.6(LP)	<b>31 100</b>
1431	Steel	LVP Products	74.7 to 101.6(HP)	<b>32 100</b>
1440	Steel	LVP Products	101.7 to 141.3(LP)	<b>39 800</b>
1441	Steel	LVP Products	101.7 to 141.3(HP)	<b>40 900</b>
1450	Steel	LVP Products	141.4 to 193.7(LP)	<b>50 800</b>
1451	Steel	LVP Products	141.4 to 193.7(HP)	<b>58 100</b>
1460	Steel	LVP Products	193.8 to 246.1(LP)	<b>64 500</b>
1461	Steel	LVP Products	193.8 to 246.1(HP)	<b>78 800</b>
1470	Steel	LVP Products	246.2 to 298.5(LP)	<b>75 900</b>
1471	Steel	LVP Products	246.2 to 298.5(HP)	<b>92 800</b>
1480	Steel	LVP Products	298.6 to 339.8(LP)	<b>87 800</b>
1481	Steel	LVP Products	298.6 to 339.8(HP)	<b>105 600</b>
1490	Steel	LVP Products	339.9 to 381.0(LP)	<b>107 900</b>
1491	Steel	LVP Products	339.9 to 381.0(HP)	<b>126 100</b>
1500	Steel	LVP Products	381.1 to 431.7(LP)	<b>130 400</b>
1501	Steel	LVP Products	381.1 to 431.7(HP)	<b>149 000</b>
1510	Steel	LVP Products	431.8 to 482.5(LP)	<b>164 400</b>
1511	Steel	LVP Products	431.8 to 482.5(HP)	<b>182 200</b>
1520	Steel	LVP Products	482.6 to 533.5(LP)	<b>188 700</b>
1521	Steel	LVP Products	482.6 to 533.5(HP)	<b>199 600</b>
1530	Steel	LVP Products	533.6 to 584.5(LP)	<b>204 600</b>
1531	Steel	LVP Products	533.6 to 584.5(HP)	<b>231 600</b>
1540	Steel	LVP Products	584.6 to 635.0(LP)	<b>257 200</b>
1541	Steel	LVP Products	584.6 to 635.0(HP)	<b>275 300</b>
1550	Steel	LVP Products	635.1 to 685.5(LP)	<b>284 300</b>
1551	Steel	LVP Products	635.1 to 685.5(HP)	<b>300 700</b>
1560	Steel	LVP Products	685.6 to 736.5(LP)	<b>300 400</b>
1561	Steel	LVP Products	685.6 to 736.5(HP)	<b>333 000</b>
1570	Steel	LVP Products	736.6 to 787.5(LP)	<b>337 500</b>
1571	Steel	LVP Products	736.6 to 787.5(HP)	<b>374 800</b>
1580	Steel	LVP Products	787.6 to 838.5(LP)	<b>373 100</b>
1581	Steel	LVP Products	787.6 to 838.5(HP)	<b>396 700</b>
1590	Steel	LVP Products	838.6 to 889.0(LP)	<b>390 400</b>
1591	Steel	LVP Products	838.6 to 889.0(HP)	<b>433 800</b>
1600	Steel	LVP Products	889.1 to 990.5(LP)	<b>432 700</b>
1601	Steel	LVP Products	889.1 to 990.5(HP)	<b>480 300</b>
1610	Steel	LVP Products	990.6 to 1143.0(LP)	<b>517 900</b>
1611	Steel	LVP Products	990.6 to 1143.0(HP)	<b>570 600</b>

**1.005.100 Pipe (PL) (cont.)**

Formula: Base Cost = n X rate per kilometre in each component type

Where n = length in kilometre(s) in each component type

<b>Code</b>	<b>Material</b>	<b>Substance</b>	<b>Size Range mm (pressure)</b>	<b>Rate Per Kilometre \$</b>
1620	Steel	LVP Products	1143.1 to 1320.5(LP)	<b>653 800</b>
1621	Steel	LVP Products	1143.1 to 1320.5(HP)	<b>741 300</b>
1630	Steel	LVP Products	1320.6 to 1523.5(LP)	<b>891 900</b>
1631	Steel	LVP Products	1320.6 to 1523.5(HP)	<b>1 005 100</b>
1640	Steel	Misc. Gases	0 to 24.0(HP)	<b>15 800</b>
1641	Steel	Misc. Gases	0 to 24.0(LP)	<b>14 300</b>
1650	Steel	Misc. Gases	24.1 to 30.1(HP)	<b>16 400</b>
1651	Steel	Misc. Gases	24.1 to 30.1(LP)	<b>15 000</b>
1660	Steel	Misc. Gases	30.2 to 37.8(HP)	<b>17 100</b>
1661	Steel	Misc. Gases	30.2 to 37.8(LP)	<b>15 700</b>
1670	Steel	Misc. Gases	37.9 to 45.3(HP)	<b>19 100</b>
1671	Steel	Misc. Gases	37.9 to 45.3(LP)	<b>17 400</b>
1680	Steel	Misc. Gases	45.4 to 54.3(HP)	<b>19 100</b>
1681	Steel	Misc. Gases	45.4 to 54.3(LP)	<b>17 400</b>
1690	Steel	Misc. Gases	54.4 to 74.6(HP)	<b>26 200</b>
1691	Steel	Misc. Gases	54.4 to 74.6(LP)	<b>25 300</b>
1700	Steel	Misc. Gases	74.7 to 101.6(HP)	<b>32 100</b>
1701	Steel	Misc. Gases	74.7 to 101.6(LP)	<b>31 100</b>
1710	Steel	Misc. Gases	101.7 to 141.3(HP)	<b>40 900</b>
1711	Steel	Misc. Gases	101.7 to 141.3(LP)	<b>39 800</b>
1720	Steel	Misc. Gases	141.4 to 193.7(HP)	<b>58 100</b>
1721	Steel	Misc. Gases	141.4 to 193.7(LP)	<b>50 800</b>
1730	Steel	Misc. Gases	193.8 to 246.1(HP)	<b>78 800</b>
1731	Steel	Misc. Gases	193.8 to 246.1(LP)	<b>64 500</b>
1740	Steel	Misc. Gases	246.2 to 298.5(HP)	<b>92 800</b>
1741	Steel	Misc. Gases	246.2 to 298.5(LP)	<b>75 900</b>
1750	Steel	Misc. Gases	298.6 to 339.8(HP)	<b>105 600</b>
1751	Steel	Misc. Gases	298.6 to 339.8(LP)	<b>87 800</b>
1760	Steel	Misc. Gases	339.9 to 381.0(HP)	<b>126 100</b>
1761	Steel	Misc. Gases	339.9 to 381.0(LP)	<b>107 900</b>
1770	Steel	Misc. Gases	381.1 to 431.7(HP)	<b>149 000</b>
1771	Steel	Misc. Gases	381.1 to 431.7(LP)	<b>130 400</b>
1780	Steel	Misc. Gases	431.8 to 482.5(HP)	<b>182 200</b>
1781	Steel	Misc. Gases	431.8 to 482.5(LP)	<b>164 400</b>
1790	Steel	Misc. Gases	482.6 to 533.5(HP)	<b>199 600</b>
1791	Steel	Misc. Gases	482.6 to 533.5(LP)	<b>188 700</b>
1800	Steel	Misc. Gases	533.6 to 584.5(HP)	<b>231 600</b>
1801	Steel	Misc. Gases	533.6 to 584.5(LP)	<b>204 600</b>
1810	Steel	Misc. Gases	584.6 to 635.0(HP)	<b>275 300</b>
1811	Steel	Misc. Gases	584.6 to 635.0(LP)	<b>257 200</b>

**1.005.100 Pipe (PL) (cont.)**

Formula: Base Cost = n X rate per kilometre in each component type

Where n = length in kilometre(s) in each component type

<b>Code</b>	<b>Material</b>	<b>Substance</b>	<b>Size Range mm (pressure)</b>	<b>Rate Per Kilometre \$</b>
1820	Steel	Misc. Gases	635.1 to 685.5(HP)	<b>300 700</b>
1821	Steel	Misc. Gases	635.1 to 685.5(LP)	<b>284 300</b>
1830	Steel	Misc. Gases	685.6 to 736.5(HP)	<b>333 000</b>
1831	Steel	Misc. Gases	685.6 to 736.5(LP)	<b>300 400</b>
1840	Steel	Misc. Gases	736.6 to 787.5(HP)	<b>374 800</b>
1841	Steel	Misc. Gases	736.6 to 787.5(LP)	<b>337 500</b>
1850	Steel	Misc. Gases	787.6 to 838.5(HP)	<b>396 700</b>
1851	Steel	Misc. Gases	787.6 to 838.5(LP)	<b>373 100</b>
1860	Steel	Misc. Gases	838.6 to 889.0(HP)	<b>433 800</b>
1861	Steel	Misc. Gases	838.6 to 889.0(LP)	<b>390 400</b>
1870	Steel	Misc. Gases	889.1 to 990.5(HP)	<b>480 300</b>
1871	Steel	Misc. Gases	889.1 to 990.5(LP)	<b>432 700</b>
1880	Steel	Misc. Gases	990.6 to 1143.0(HP)	<b>570 600</b>
1881	Steel	Misc. Gases	990.6 to 1143.0(LP)	<b>517 900</b>
1890	Steel	Misc. Gases	1143.1 to 1320.5(HP)	<b>741 300</b>
1891	Steel	Misc. Gases	1143.1 to 1320.5(LP)	<b>653 800</b>
1900	Steel	Misc. Gases	1320.6 to 1523.5(HP)	<b>1 005 100</b>
1901	Steel	Misc. Gases	1320.6 to 1523.5(LP)	<b>891 900</b>
1910	Steel	Misc. Liquids	0 to 24.0(LP)	<b>14 300</b>
1911	Steel	Misc. Liquids	0 to 24.0(HP)	<b>15 800</b>
1920	Steel	Misc. Liquids	24.1 to 30.1(LP)	<b>15 000</b>
1921	Steel	Misc. Liquids	24.1 to 30.1(HP)	<b>16 400</b>
1930	Steel	Misc. Liquids	30.2 to 37.8(LP)	<b>15 700</b>
1931	Steel	Misc. Liquids	30.2 to 37.8(HP)	<b>17 100</b>
1940	Steel	Misc. Liquids	37.9 to 45.3(LP)	<b>17 400</b>
1941	Steel	Misc. Liquids	37.9 to 45.3(HP)	<b>19 100</b>
1950	Steel	Misc. Liquids	45.4 to 54.3(LP)	<b>17 400</b>
1951	Steel	Misc. Liquids	45.4 to 54.3(HP)	<b>19 100</b>
1960	Steel	Misc. Liquids	54.4 to 74.6(LP)	<b>25 300</b>
1961	Steel	Misc. Liquids	54.4 to 74.6(HP)	<b>26 200</b>
1970	Steel	Misc. Liquids	74.7 to 101.6(LP)	<b>31 100</b>
1971	Steel	Misc. Liquids	74.7 to 101.6(HP)	<b>32 100</b>
1980	Steel	Misc. Liquids	101.7 to 141.3(LP)	<b>39 800</b>
1981	Steel	Misc. Liquids	101.7 to 141.3(HP)	<b>40 900</b>
1990	Steel	Misc. Liquids	141.4 to 193.7(LP)	<b>50 800</b>
1991	Steel	Misc. Liquids	141.4 to 193.7(HP)	<b>58 100</b>
2000	Steel	Misc. Liquids	193.8 to 246.1(LP)	<b>64 500</b>
2001	Steel	Misc. Liquids	193.8 to 246.1(HP)	<b>78 800</b>
2010	Steel	Misc. Liquids	246.2 to 298.5(LP)	<b>75 900</b>
2011	Steel	Misc. Liquids	246.2 to 298.5(HP)	<b>92 800</b>

**1.005.100 Pipe (PL) (cont.)**

Formula: Base Cost = n X rate per kilometre in each component type

Where n = length in kilometre(s) in each component type

<b>Code</b>	<b>Material</b>	<b>Substance</b>	<b>Size Range mm (pressure)</b>	<b>Rate Per Kilometre \$</b>
2020	Steel	Misc. Liquids	298.6 to 339.8(LP)	<b>87 800</b>
2021	Steel	Misc. Liquids	298.6 to 339.8(HP)	<b>105 600</b>
2030	Steel	Misc. Liquids	339.9 to 381.0(LP)	<b>107 900</b>
2031	Steel	Misc. Liquids	339.9 to 381.0(HP)	<b>126 100</b>
2040	Steel	Misc. Liquids	381.1 to 431.7(LP)	<b>130 400</b>
2041	Steel	Misc. Liquids	381.1 to 431.7(HP)	<b>149 000</b>
2050	Steel	Misc. Liquids	431.8 to 482.5(LP)	<b>164 400</b>
2051	Steel	Misc. Liquids	431.8 to 482.5(HP)	<b>182 200</b>
2060	Steel	Misc. Liquids	482.6 to 533.5(LP)	<b>188 700</b>
2061	Steel	Misc. Liquids	482.6 to 533.5(HP)	<b>199 600</b>
2070	Steel	Misc. Liquids	533.6 to 584.5(LP)	<b>204 600</b>
2071	Steel	Misc. Liquids	533.6 to 584.5(HP)	<b>231 600</b>
2080	Steel	Misc. Liquids	584.6 to 635.0(LP)	<b>257 200</b>
2081	Steel	Misc. Liquids	584.6 to 635.0(HP)	<b>275 300</b>
2090	Steel	Misc. Liquids	635.1 to 685.5(LP)	<b>284 300</b>
2091	Steel	Misc. Liquids	635.1 to 685.5(HP)	<b>300 700</b>
2100	Steel	Misc. Liquids	685.6 to 736.5(LP)	<b>300 400</b>
2101	Steel	Misc. Liquids	685.6 to 736.5(HP)	<b>333 000</b>
2110	Steel	Misc. Liquids	736.6 to 787.5(LP)	<b>337 500</b>
2111	Steel	Misc. Liquids	736.6 to 787.5(HP)	<b>374 800</b>
2120	Steel	Misc. Liquids	787.6 to 838.5(LP)	<b>373 100</b>
2121	Steel	Misc. Liquids	787.6 to 838.5(HP)	<b>396 700</b>
2130	Steel	Misc. Liquids	838.6 to 889.0(LP)	<b>390 400</b>
2131	Steel	Misc. Liquids	838.6 to 889.0(HP)	<b>433 800</b>
2140	Steel	Misc. Liquids	889.1 to 990.5(LP)	<b>432 700</b>
2141	Steel	Misc. Liquids	889.1 to 990.5(HP)	<b>480 300</b>
2150	Steel	Misc. Liquids	990.6 to 1143.0(LP)	<b>517 900</b>
2151	Steel	Misc. Liquids	990.6 to 1143.0(HP)	<b>570 600</b>
2160	Steel	Misc. Liquids	1143.1 to 1320.5(LP)	<b>653 800</b>
2161	Steel	Misc. Liquids	1143.1 to 1320.5(HP)	<b>741 300</b>
2170	Steel	Misc. Liquids	1320.6 to 1523.5(LP)	<b>891 900</b>
2171	Steel	Misc. Liquids	1320.6 to 1523.5(HP)	<b>1 005 100</b>
2180	Steel	Natural Gas	0 to 24.0(HP)	<b>15 800</b>
2181	Steel	Natural Gas	0 to 24.0(LP)	<b>14 300</b>
2190	Steel	Natural Gas	24.1 to 30.1(HP)	<b>16 400</b>
2191	Steel	Natural Gas	24.1 to 30.1(LP)	<b>15 000</b>
2200	Steel	Natural Gas	30.2 to 37.8(HP)	<b>17 100</b>
2201	Steel	Natural Gas	30.2 to 37.8(LP)	<b>15 700</b>
2210	Steel	Natural Gas	37.9 to 45.3(HP)	<b>19 100</b>
2211	Steel	Natural Gas	37.9 to 45.3(LP)	<b>17 400</b>

**1.005.100 Pipe (PL) (cont.)**

Formula: Base Cost = n X rate per kilometre in each component type

Where n = length in kilometre(s) in each component type

<b>Code</b>	<b>Material</b>	<b>Substance</b>	<b>Size Range mm (pressure)</b>	<b>Rate Per Kilometre \$</b>
2220	Steel	Natural Gas	45.4 to 54.3(HP)	<b>19 100</b>
2221	Steel	Natural Gas	45.4 to 54.3(LP)	<b>17 400</b>
2230	Steel	Natural Gas	54.4 to 74.6(HP)	<b>26 200</b>
2231	Steel	Natural Gas	54.4 to 74.6(LP)	<b>25 300</b>
2240	Steel	Natural Gas	74.7 to 101.6(HP)	<b>32 100</b>
2241	Steel	Natural Gas	74.7 to 101.6(LP)	<b>31 100</b>
2250	Steel	Natural Gas	101.7 to 141.3(HP)	<b>40 900</b>
2251	Steel	Natural Gas	101.7 to 141.3(LP)	<b>39 800</b>
2260	Steel	Natural Gas	141.4 to 193.7(HP)	<b>58 100</b>
2261	Steel	Natural Gas	141.4 to 193.7(LP)	<b>50 800</b>
2270	Steel	Natural Gas	193.8 to 246.1(HP)	<b>78 800</b>
2271	Steel	Natural Gas	193.8 to 246.1(LP)	<b>64 500</b>
2280	Steel	Natural Gas	246.2 to 298.5(HP)	<b>92 800</b>
2281	Steel	Natural Gas	246.2 to 298.5(LP)	<b>75 900</b>
2290	Steel	Natural Gas	298.6 to 339.8(HP)	<b>105 600</b>
2291	Steel	Natural Gas	298.6 to 339.8(LP)	<b>87 800</b>
2300	Steel	Natural Gas	339.9 to 381.0(HP)	<b>126 100</b>
2301	Steel	Natural Gas	339.9 to 381.0(LP)	<b>107 900</b>
2310	Steel	Natural Gas	381.1 to 431.7(HP)	<b>149 000</b>
2311	Steel	Natural Gas	381.1 to 431.7(LP)	<b>130 400</b>
2320	Steel	Natural Gas	431.8 to 482.5(HP)	<b>182 200</b>
2321	Steel	Natural Gas	431.8 to 482.5(LP)	<b>164 400</b>
2330	Steel	Natural Gas	482.6 to 533.5(HP)	<b>199 600</b>
2331	Steel	Natural Gas	482.6 to 533.5(LP)	<b>188 700</b>
2340	Steel	Natural Gas	533.6 to 584.5(HP)	<b>231 600</b>
2341	Steel	Natural Gas	533.6 to 584.5(LP)	<b>204 600</b>
2350	Steel	Natural Gas	584.6 to 635.0(HP)	<b>275 300</b>
2351	Steel	Natural Gas	584.6 to 635.0(LP)	<b>257 200</b>
2360	Steel	Natural Gas	635.1 to 685.5(HP)	<b>300 700</b>
2361	Steel	Natural Gas	635.1 to 685.5(LP)	<b>284 300</b>
2370	Steel	Natural Gas	685.6 to 736.5(HP)	<b>333 000</b>
2371	Steel	Natural Gas	685.6 to 736.5(LP)	<b>300 400</b>
2380	Steel	Natural Gas	736.6 to 787.5(HP)	<b>374 800</b>
2381	Steel	Natural Gas	736.6 to 787.5(LP)	<b>337 500</b>
2390	Steel	Natural Gas	787.6 to 838.5(HP)	<b>396 700</b>
2391	Steel	Natural Gas	787.6 to 838.5(LP)	<b>373 100</b>
2400	Steel	Natural Gas	838.6 to 889.0(HP)	<b>433 800</b>
2401	Steel	Natural Gas	838.6 to 889.0(LP)	<b>390 400</b>
2410	Steel	Natural Gas	889.1 to 990.5(HP)	<b>480 300</b>
2411	Steel	Natural Gas	889.1 to 990.5(LP)	<b>432 700</b>

**1.005.100 Pipe (PL) (cont.)**

Formula: Base Cost = n X rate per kilometre in each component type

Where n = length in kilometre(s) in each component type

<b>Code</b>	<b>Material</b>	<b>Substance</b>	<b>Size Range mm (pressure)</b>	<b>Rate Per Kilometre \$</b>
2420	Steel	Natural Gas	990.6 to 1143.0(HP)	<b>570 600</b>
2421	Steel	Natural Gas	990.6 to 1143.0(LP)	<b>517 900</b>
2430	Steel	Natural Gas	1143.1 to 1320.5(HP)	<b>741 300</b>
2431	Steel	Natural Gas	1143.1 to 1320.5(LP)	<b>653 800</b>
2440	Steel	Natural Gas	1320.6 to 1523.5(HP)	<b>1 005 100</b>
2441	Steel	Natural Gas	1320.6 to 1523.5(LP)	<b>891 900</b>
2450	Steel	Oil-Well Effluent	0 to 24.0(LP)	<b>14 300</b>
2451	Steel	Oil-Well Effluent	0 to 24.0(HP)	<b>15 800</b>
2460	Steel	Oil-Well Effluent	24.1 to 30.1(LP)	<b>15 000</b>
2461	Steel	Oil-Well Effluent	24.1 to 30.1(HP)	<b>16 400</b>
2470	Steel	Oil-Well Effluent	30.2 to 37.8(LP)	<b>15 700</b>
2471	Steel	Oil-Well Effluent	30.2 to 37.8(HP)	<b>17 100</b>
2480	Steel	Oil-Well Effluent	37.9 to 45.3(LP)	<b>17 400</b>
2481	Steel	Oil-Well Effluent	37.9 to 45.3(HP)	<b>19 100</b>
2490	Steel	Oil-Well Effluent	45.4 to 54.3(LP)	<b>17 400</b>
2491	Steel	Oil-Well Effluent	45.4 to 54.3(HP)	<b>19 100</b>
2500	Steel	Oil-Well Effluent	54.4 to 74.6(LP)	<b>25 300</b>
2501	Steel	Oil-Well Effluent	54.4 to 74.6(HP)	<b>26 200</b>
2510	Steel	Oil-Well Effluent	74.7 to 101.6(LP)	<b>31 100</b>
2511	Steel	Oil-Well Effluent	74.7 to 101.6(HP)	<b>32 100</b>
2520	Steel	Oil-Well Effluent	101.7 to 141.3(LP)	<b>39 800</b>
2521	Steel	Oil-Well Effluent	101.7 to 141.3(HP)	<b>40 900</b>
2530	Steel	Oil-Well Effluent	141.4 to 193.7(LP)	<b>50 800</b>
2531	Steel	Oil-Well Effluent	141.4 to 193.7(HP)	<b>58 100</b>
2540	Steel	Oil-Well Effluent	193.8 to 246.1(LP)	<b>64 500</b>
2541	Steel	Oil-Well Effluent	193.8 to 246.1(HP)	<b>78 800</b>
2550	Steel	Oil-Well Effluent	246.2 to 298.5(LP)	<b>75 900</b>
2551	Steel	Oil-Well Effluent	246.2 to 298.5(HP)	<b>92 800</b>
2560	Steel	Oil-Well Effluent	298.6 to 339.8(LP)	<b>87 800</b>
2561	Steel	Oil-Well Effluent	298.6 to 339.8(HP)	<b>105 600</b>
2570	Steel	Oil-Well Effluent	339.9 to 381.0(LP)	<b>107 900</b>
2571	Steel	Oil-Well Effluent	339.9 to 381.0(HP)	<b>126 100</b>
2580	Steel	Oil-Well Effluent	381.1 to 431.7(LP)	<b>130 400</b>
2581	Steel	Oil-Well Effluent	381.1 to 431.7(HP)	<b>149 000</b>
2590	Steel	Oil-Well Effluent	431.8 to 482.5(LP)	<b>164 400</b>
2591	Steel	Oil-Well Effluent	431.8 to 482.5(HP)	<b>182 200</b>
2600	Steel	Oil-Well Effluent	482.6 to 533.5(LP)	<b>188 700</b>
2601	Steel	Oil-Well Effluent	482.6 to 533.5(HP)	<b>199 600</b>
2610	Steel	Oil-Well Effluent	533.6 to 584.5(LP)	<b>204 600</b>
2611	Steel	Oil-Well Effluent	533.6 to 584.5(HP)	<b>231 600</b>



**1.005.100 Pipe (PL) (cont.)**

Formula: Base Cost = n X rate per kilometre in each component type

Where n = length in kilometre(s) in each component type

<b>Code</b>	<b>Material</b>	<b>Substance</b>	<b>Size Range mm (pressure)</b>	<b>Rate Per Kilometre \$</b>
2620	Steel	Oil-Well Effluent	584.6 to 635.0(LP)	<b>257 200</b>
2621	Steel	Oil-Well Effluent	584.6 to 635.0(HP)	<b>275 300</b>
2630	Steel	Oil-Well Effluent	635.1 to 685.5(LP)	<b>284 300</b>
2631	Steel	Oil-Well Effluent	635.1 to 685.5(HP)	<b>300 700</b>
2640	Steel	Oil-Well Effluent	685.6 to 736.5(LP)	<b>300 400</b>
2641	Steel	Oil-Well Effluent	685.6 to 736.5(HP)	<b>333 000</b>
2650	Steel	Oil-Well Effluent	736.6 to 787.5(LP)	<b>337 500</b>
2651	Steel	Oil-Well Effluent	736.6 to 787.5(HP)	<b>374 800</b>
2660	Steel	Oil-Well Effluent	787.6 to 838.5(LP)	<b>373 100</b>
2661	Steel	Oil-Well Effluent	787.6 to 838.5(HP)	<b>396 700</b>
2670	Steel	Oil-Well Effluent	838.6 to 889.0(LP)	<b>390 400</b>
2671	Steel	Oil-Well Effluent	838.6 to 889.0(HP)	<b>433 800</b>
2680	Steel	Oil-Well Effluent	889.1 to 990.5(LP)	<b>432 700</b>
2681	Steel	Oil-Well Effluent	889.1 to 990.5(HP)	<b>480 300</b>
2690	Steel	Oil-Well Effluent	990.6 to 1143.0(LP)	<b>517 900</b>
2691	Steel	Oil-Well Effluent	990.6 to 1143.0(HP)	<b>570 600</b>
2700	Steel	Oil-Well Effluent	1143.1 to 1320.5(LP)	<b>653 800</b>
2701	Steel	Oil-Well Effluent	1143.1 to 1320.5(HP)	<b>741 300</b>
2710	Steel	Oil-Well Effluent	1320.6 to 1523.5(LP)	<b>891 900</b>
2711	Steel	Oil-Well Effluent	1320.6 to 1523.5(HP)	<b>1 005 100</b>
2720	Steel	Salt Water	0 to 24.0(LP)	<b>14 300</b>
2721	Steel	Salt Water	0 to 24.0(HP)	<b>15 800</b>
2730	Steel	Salt Water	24.1 to 30.1(LP)	<b>15 000</b>
2731	Steel	Salt Water	24.1 to 30.1(HP)	<b>16 400</b>
2740	Steel	Salt Water	30.2 to 37.8(LP)	<b>15 700</b>
2741	Steel	Salt Water	30.2 to 37.8(HP)	<b>17 100</b>
2750	Steel	Salt Water	37.9 to 45.3(LP)	<b>17 400</b>
2751	Steel	Salt Water	37.9 to 45.3(HP)	<b>19 100</b>
2760	Steel	Salt Water	45.4 to 54.3(LP)	<b>17 400</b>
2761	Steel	Salt Water	45.4 to 54.3(HP)	<b>19 100</b>
2770	Steel	Salt Water	54.4 to 74.6(LP)	<b>25 300</b>
2771	Steel	Salt Water	54.4 to 74.6(HP)	<b>26 200</b>
2780	Steel	Salt Water	74.7 to 101.6(LP)	<b>31 100</b>
2781	Steel	Salt Water	74.7 to 101.6(HP)	<b>32 100</b>
2790	Steel	Salt Water	101.7 to 141.3(LP)	<b>39 800</b>
2791	Steel	Salt Water	101.7 to 141.3(HP)	<b>40 900</b>
2800	Steel	Salt Water	141.4 to 193.7(LP)	<b>50 800</b>
2801	Steel	Salt Water	141.4 to 193.7(HP)	<b>58 100</b>
2810	Steel	Salt Water	193.8 to 246.1(LP)	<b>64 500</b>
2811	Steel	Salt Water	193.8 to 246.1(HP)	<b>78 800</b>

**1.005.100 Pipe (PL) (cont.)**

Formula: Base Cost = n X rate per kilometre in each component type

Where n = length in kilometre(s) in each component type

<b>Code</b>	<b>Material</b>	<b>Substance</b>	<b>Size Range mm</b>	<b>Rate Per Kilometre \$</b>
2820	Steel	Salt Water	246.2 to 298.5(LP)	<b>75 900</b>
2821	Steel	Salt Water	246.2 to 298.5(HP)	<b>92 800</b>
2830	Steel	Salt Water	298.6 to 339.8(LP)	<b>87 800</b>
2831	Steel	Salt Water	298.6 to 339.8(HP)	<b>105 600</b>
2840	Steel	Salt Water	339.9 to 381.0(LP)	<b>107 900</b>
2841	Steel	Salt Water	339.9 to 381.0(HP)	<b>126 100</b>
2850	Steel	Salt Water	381.1 to 431.7(LP)	<b>130 400</b>
2851	Steel	Salt Water	381.1 to 431.7(HP)	<b>149 000</b>
2860	Steel	Salt Water	431.8 to 482.5(LP)	<b>164 400</b>
2861	Steel	Salt Water	431.8 to 482.5(HP)	<b>182 200</b>
2870	Steel	Salt Water	482.6 to 533.5(LP)	<b>188 700</b>
2871	Steel	Salt Water	482.6 to 533.5(HP)	<b>199 600</b>
2880	Steel	Salt Water	533.6 to 584.5(LP)	<b>204 600</b>
2881	Steel	Salt Water	533.6 to 584.5(HP)	<b>231 600</b>
2890	Steel	Salt Water	584.6 to 635.0(LP)	<b>257 200</b>
2891	Steel	Salt Water	584.6 to 635.0(HP)	<b>275 300</b>
2900	Steel	Salt Water	635.1 to 685.5(LP)	<b>284 300</b>
2901	Steel	Salt Water	635.1 to 685.5(HP)	<b>300 700</b>
2910	Steel	Salt Water	685.6 to 736.5(LP)	<b>300 400</b>
2911	Steel	Salt Water	685.6 to 736.5(HP)	<b>333 000</b>
2920	Steel	Salt Water	736.6 to 787.5(LP)	<b>337 500</b>
2921	Steel	Salt Water	736.6 to 787.5(HP)	<b>374 800</b>
2930	Steel	Salt Water	787.6 to 838.5(LP)	<b>373 100</b>
2931	Steel	Salt Water	787.6 to 838.5(HP)	<b>396 700</b>
2940	Steel	Salt Water	838.6 to 889.0(LP)	<b>390 400</b>
2941	Steel	Salt Water	838.6 to 889.0(HP)	<b>433 800</b>
2950	Steel	Salt Water	889.1 to 990.5(LP)	<b>432 700</b>
2951	Steel	Salt Water	889.1 to 990.5(HP)	<b>480 300</b>
2960	Steel	Salt Water	990.6 to 1143.0(LP)	<b>517 900</b>
2961	Steel	Salt Water	990.6 to 1143.0(HP)	<b>570 600</b>
2970	Steel	Salt Water	1143.1 to 1320.5(LP)	<b>653 800</b>
2971	Steel	Salt Water	1143.1 to 1320.5(HP)	<b>741 300</b>
2980	Steel	Salt Water	1320.6 to 1523.5(LP)	<b>891 900</b>
2981	Steel	Salt Water	1320.6 to 1523.5(HP)	<b>1 005 100</b>
3000	Polyethylene	Fuel Gas	0 to 24.0	<b>7 700</b>
3010	Polyethylene	Fuel Gas	24.1 to 30.1	<b>8 200</b>
3020	Polyethylene	Fuel Gas	30.2 to 37.8	<b>8 600</b>
3030	Polyethylene	Fuel Gas	37.9 to 45.3	<b>9 300</b>
3040	Polyethylene	Fuel Gas	45.4 to 54.3	<b>9 300</b>
3050	Polyethylene	Fuel Gas	54.4 to 74.6	<b>10 200</b>

**1.005.100 Pipe (PL) (cont.)**

Formula: Base Cost = n X rate per kilometre in each component type

Where n = length in kilometre(s) in each component type

<b>Code</b>	<b>Material</b>	<b>Substance</b>	<b>Size Range mm</b>	<b>Rate Per Kilometre \$</b>
3060	Polyethylene	Fuel Gas	74.7 to 101.6	<b>13 200</b>
3070	Polyethylene	Fuel Gas	101.7 to 141.3	<b>18 500</b>
3080	Polyethylene	Fuel Gas	141.4 to 193.7	<b>26 000</b>
3090	Polyethylene	Fuel Gas	193.8 to 246.1	<b>46 600</b>
3100	Polyethylene	Fuel Gas	246.2 to 298.5	<b>61 900</b>
3110	Polyethylene	Fuel Gas	298.6 to 339.8	<b>77 000</b>
3120	Polyethylene	Fresh Water	0 to 24.0	<b>7 700</b>
3130	Polyethylene	Fresh Water	24.1 to 30.1	<b>8 200</b>
3140	Polyethylene	Fresh Water	30.2 to 37.8	<b>8 600</b>
3150	Polyethylene	Fresh Water	37.9 to 45.3	<b>9 300</b>
3160	Polyethylene	Fresh Water	45.4 to 54.3	<b>9 300</b>
3170	Polyethylene	Fresh Water	54.4 to 74.6	<b>10 200</b>
3180	Polyethylene	Fresh Water	74.7 to 101.6	<b>13 200</b>
3190	Polyethylene	Fresh Water	101.7 to 141.3	<b>18 500</b>
3200	Polyethylene	Fresh Water	141.4 to 193.7	<b>26 000</b>
3210	Polyethylene	Fresh Water	193.8 to 246.1	<b>46 600</b>
3220	Polyethylene	Fresh Water	246.2 to 298.5	<b>61 900</b>
3230	Polyethylene	Fresh Water	298.6 to 339.8	<b>77 000</b>
3240	Polyethylene	HVP Products	0 to 24.0	<b>7 700</b>
3250	Polyethylene	HVP Products	24.1 to 30.1	<b>8 200</b>
3260	Polyethylene	HVP Products	30.2 to 37.8	<b>8 600</b>
3270	Polyethylene	HVP Products	37.9 to 45.3	<b>9 300</b>
3280	Polyethylene	HVP Products	45.4 to 54.3	<b>9 300</b>
3290	Polyethylene	HVP Products	54.4 to 74.6	<b>10 200</b>
3300	Polyethylene	HVP Products	74.7 to 101.6	<b>13 200</b>
3310	Polyethylene	HVP Products	101.7 to 141.3	<b>18 500</b>
3320	Polyethylene	HVP Products	141.4 to 193.7	<b>26 000</b>
3330	Polyethylene	HVP Products	193.8 to 246.1	<b>46 600</b>
3340	Polyethylene	HVP Products	246.2 to 298.5	<b>61 900</b>
3350	Polyethylene	HVP Products	298.6 to 339.8	<b>77 000</b>
3360	Polyethylene	LVP Products	0 to 24.0	<b>7 700</b>
3370	Polyethylene	LVP Products	24.1 to 30.1	<b>8 200</b>
3380	Polyethylene	LVP Products	30.2 to 37.8	<b>8 600</b>
3390	Polyethylene	LVP Products	37.9 to 45.3	<b>9 300</b>
3400	Polyethylene	LVP Products	45.4 to 54.3	<b>9 300</b>
3410	Polyethylene	LVP Products	54.4 to 74.6	<b>10 200</b>
3420	Polyethylene	LVP Products	74.7 to 101.6	<b>13 200</b>
3430	Polyethylene	LVP Products	101.7 to 141.3	<b>18 500</b>
3440	Polyethylene	LVP Products	141.4 to 193.7	<b>26 000</b>
3450	Polyethylene	LVP Products	193.8 to 246.1	<b>46 600</b>
3460	Polyethylene	LVP Products	246.2 to 298.5	<b>61 900</b>

**1.005.100 Pipe (PL) (cont.)**

Formula: Base Cost = n X rate per kilometre in each component type

Where n = length in kilometre(s) in each component type

<b>Code</b>	<b>Material</b>	<b>Substance</b>	<b>Size Range mm</b>	<b>Rate Per Kilometre \$</b>
3470	Polyethylene	LVP Products	298.6 to 339.8	<b>77 000</b>
3480	Polyethylene	Misc. Gases	0 to 24.0	<b>7 700</b>
3490	Polyethylene	Misc. Gases	24.1 to 30.1	<b>8 200</b>
3500	Polyethylene	Misc. Gases	30.2 to 37.8	<b>8 600</b>
3510	Polyethylene	Misc. Gases	37.9 to 45.3	<b>9 300</b>
3520	Polyethylene	Misc. Gases	45.4 to 54.3	<b>9 300</b>
3530	Polyethylene	Misc. Gases	54.4 to 74.6	<b>10 200</b>
3540	Polyethylene	Misc. Gases	74.7 to 101.6	<b>13 200</b>
3550	Polyethylene	Misc. Gases	101.7 to 141.3	<b>18 500</b>
3560	Polyethylene	Misc. Gases	141.4 to 193.7	<b>26 000</b>
3570	Polyethylene	Misc. Gases	193.8 to 246.1	<b>46 600</b>
3580	Polyethylene	Misc. Gases	246.2 to 298.5	<b>61 900</b>
3590	Polyethylene	Misc. Gases	298.6 to 339.8	<b>77 000</b>
3600	Polyethylene	Natural Gas	0 to 24.0	<b>7 700</b>
3610	Polyethylene	Natural Gas	24.1 to 30.1	<b>8 200</b>
3620	Polyethylene	Natural Gas	30.2 to 37.8	<b>8 600</b>
3630	Polyethylene	Natural Gas	37.9 to 45.3	<b>9 300</b>
3640	Polyethylene	Natural Gas	45.4 to 54.3	<b>9 300</b>
3650	Polyethylene	Natural Gas	54.4 to 74.6	<b>10 200</b>
3660	Polyethylene	Natural Gas	74.7 to 101.6	<b>13 200</b>
3670	Polyethylene	Natural Gas	101.7 to 141.3	<b>18 500</b>
3680	Polyethylene	Natural Gas	141.4 to 193.7	<b>26 000</b>
3690	Polyethylene	Natural Gas	193.8 to 246.1	<b>46 600</b>
3700	Polyethylene	Natural Gas	246.2 to 298.5	<b>61 900</b>
3710	Polyethylene	Natural Gas	298.6 to 339.8	<b>77 000</b>
3720	Polyethylene	Oil-Well Effluent	0 to 24.0	<b>7 700</b>
3730	Polyethylene	Oil-Well Effluent	24.1 to 30.1	<b>8 200</b>
3740	Polyethylene	Oil-Well Effluent	30.2 to 37.8	<b>8 600</b>
3750	Polyethylene	Oil-Well Effluent	37.9 to 45.3	<b>9 300</b>
3760	Polyethylene	Oil-Well Effluent	45.4 to 54.3	<b>9 300</b>
3770	Polyethylene	Oil-Well Effluent	54.4 to 74.6	<b>10 200</b>
3780	Polyethylene	Oil-Well Effluent	74.7 to 101.6	<b>13 200</b>
3790	Polyethylene	Oil-Well Effluent	101.7 to 141.3	<b>18 500</b>
3800	Polyethylene	Oil-Well Effluent	141.4 to 193.7	<b>26 000</b>
3810	Polyethylene	Oil-Well Effluent	193.8 to 246.1	<b>46 600</b>
3820	Polyethylene	Oil-Well Effluent	246.2 to 298.5	<b>61 900</b>
3830	Polyethylene	Oil-Well Effluent	298.6 to 339.8	<b>77 000</b>
3840	Polyethylene	Salt Water	0 to 24.0	<b>7 700</b>
3850	Polyethylene	Salt Water	24.1 to 30.1	<b>8 200</b>
3860	Polyethylene	Salt Water	30.2 to 37.8	<b>8 600</b>

**1.005.100 Pipe (PL) (cont.)**

Formula: Base Cost = n X rate per kilometre in each component type

Where n = length in kilometre(s) in each component type

<b>Code</b>	<b>Material</b>	<b>Substance</b>	<b>Size Range mm</b>	<b>Rate Per Kilometre \$</b>
3870	Polyethylene	Salt Water	37.9 to 45.3	<b>9 300</b>
3880	Polyethylene	Salt Water	45.4 to 54.3	<b>9 300</b>
3890	Polyethylene	Salt Water	54.4 to 74.6	<b>10 200</b>
3900	Polyethylene	Salt Water	74.7 to 101.6	<b>13 200</b>
3910	Polyethylene	Salt Water	101.7 to 141.3	<b>18 500</b>
3920	Polyethylene	Salt Water	141.4 to 193.7	<b>26 000</b>
3930	Polyethylene	Salt Water	193.8 to 246.1	<b>46 600</b>
3940	Polyethylene	Salt Water	246.2 to 298.5	<b>61 900</b>
3950	Polyethylene	Salt Water	298.6 to 339.8	<b>77 000</b>
3960	Polyvinyl	Fuel Gas	0 to 24.0	<b>7 700</b>
3970	Polyvinyl	Fuel Gas	24.1 to 30.1	<b>8 200</b>
3980	Polyvinyl	Fuel Gas	30.2 to 37.8	<b>8 600</b>
3990	Polyvinyl	Fuel Gas	37.9 to 45.3	<b>9 300</b>
4000	Polyvinyl	Fuel Gas	45.4 to 54.3	<b>9 300</b>
4010	Polyvinyl	Fuel Gas	54.4 to 74.6	<b>10 200</b>
4020	Polyvinyl	Fuel Gas	74.7 to 101.6	<b>13 200</b>
4030	Polyvinyl	Fuel Gas	101.7 to 141.3	<b>18 500</b>
4040	Polyvinyl	Fuel Gas	141.4 to 193.7	<b>26 000</b>
4050	Polyvinyl	Fuel Gas	193.8 to 246.1	<b>46 600</b>
4060	Polyvinyl	Fuel Gas	246.2 to 298.5	<b>61 900</b>
4070	Polyvinyl	Fuel Gas	298.6 to 339.8	<b>77 000</b>
4080	Polyvinyl	Fresh Water	0 to 24.0	<b>7 700</b>
4090	Polyvinyl	Fresh Water	24.1 to 30.1	<b>8 200</b>
4100	Polyvinyl	Fresh Water	30.2 to 37.8	<b>8 600</b>
4110	Polyvinyl	Fresh Water	37.9 to 45.3	<b>9 300</b>
4120	Polyvinyl	Fresh Water	45.4 to 54.3	<b>9 300</b>
4130	Polyvinyl	Fresh Water	54.4 to 74.6	<b>10 200</b>
4140	Polyvinyl	Fresh Water	74.7 to 101.6	<b>13 200</b>
4150	Polyvinyl	Fresh Water	101.7 to 141.3	<b>18 500</b>
4160	Polyvinyl	Fresh Water	141.4 to 193.7	<b>26 000</b>
4170	Polyvinyl	Fresh Water	193.8 to 246.1	<b>46 600</b>
4180	Polyvinyl	Fresh Water	246.2 to 298.5	<b>61 900</b>
4190	Polyvinyl	Fresh Water	298.6 to 339.8	<b>77 000</b>
4200	Polyvinyl	Natural Gas	0 to 24.0	<b>7 700</b>
4210	Polyvinyl	Natural Gas	24.1 to 30.1	<b>8 200</b>
4220	Polyvinyl	Natural Gas	30.2 to 37.8	<b>8 600</b>
4230	Polyvinyl	Natural Gas	37.9 to 45.3	<b>9 300</b>
4240	Polyvinyl	Natural Gas	45.4 to 54.3	<b>9 300</b>
4250	Polyvinyl	Natural Gas	54.4 to 74.6	<b>10 200</b>
4260	Polyvinyl	Natural Gas	74.7 to 101.6	<b>13 200</b>

**1.005.100 Pipe (PL) (cont.)**

Formula: Base Cost = n X rate per kilometre in each component type

Where n = length in kilometre(s) in each component type

<b>Code</b>	<b>Material</b>	<b>Substance</b>	<b>Size Range mm</b>	<b>Rate Per Kilometre \$</b>
4270	Polyvinyl	Natural Gas	101.7 to 141.3	<b>18 500</b>
4280	Polyvinyl	Natural Gas	141.4 to 193.7	<b>26 000</b>
4290	Polyvinyl	Natural Gas	193.8 to 246.1	<b>46 600</b>
4300	Polyvinyl	Natural Gas	246.2 to 298.5	<b>61 900</b>
4310	Polyvinyl	Natural Gas	298.6 to 339.8	<b>77 000</b>
4320	Polyvinyl	Oil-Well Effluent	0 to 24.0	<b>7 700</b>
4330	Polyvinyl	Oil-Well Effluent	24.1 to 30.1	<b>8 200</b>
4340	Polyvinyl	Oil-Well Effluent	30.2 to 37.8	<b>8 600</b>
4350	Polyvinyl	Oil-Well Effluent	37.9 to 45.3	<b>9 300</b>
4360	Polyvinyl	Oil-Well Effluent	45.4 to 54.3	<b>9 300</b>
4370	Polyvinyl	Oil-Well Effluent	54.4 to 74.6	<b>10 200</b>
4380	Polyvinyl	Oil-Well Effluent	74.7 to 101.6	<b>13 200</b>
4390	Polyvinyl	Oil-Well Effluent	101.7 to 141.3	<b>18 500</b>
4400	Polyvinyl	Oil-Well Effluent	141.4 to 193.7	<b>26 000</b>
4410	Polyvinyl	Oil-Well Effluent	193.8 to 246.1	<b>46 600</b>
4420	Polyvinyl	Oil-Well Effluent	246.2 to 298.5	<b>61 900</b>
4430	Polyvinyl	Oil-Well Effluent	298.6 to 339.8	<b>77 000</b>
4440	Polyvinyl	Sour Natural Gas	0 to 24.0	<b>7 700</b>
4450	Polyvinyl	Sour Natural Gas	24.1 to 30.1	<b>8 200</b>
4460	Polyvinyl	Sour Natural Gas	30.2 to 37.8	<b>8 600</b>
4470	Polyvinyl	Sour Natural Gas	37.9 to 45.3	<b>9 300</b>
4480	Polyvinyl	Sour Natural Gas	45.4 to 54.3	<b>9 300</b>
4490	Polyvinyl	Sour Natural Gas	54.4 to 74.6	<b>10 200</b>
4500	Polyvinyl	Sour Natural Gas	74.7 to 101.6	<b>13 200</b>
4510	Polyvinyl	Sour Natural Gas	101.7 to 141.3	<b>18 500</b>
4520	Polyvinyl	Sour Natural Gas	141.4 to 193.7	<b>26 000</b>
4530	Polyvinyl	Sour Natural Gas	193.8 to 246.1	<b>46 600</b>
4540	Polyvinyl	Sour Natural Gas	246.2 to 298.5	<b>61 900</b>
4550	Polyvinyl	Sour Natural Gas	298.6 to 339.8	<b>77 000</b>
4560	Polyvinyl	Salt Water	0 to 24.0	<b>7 700</b>
4570	Polyvinyl	Salt Water	24.1 to 30.1	<b>8 200</b>
4580	Polyvinyl	Salt Water	30.2 to 37.8	<b>8 600</b>
4590	Polyvinyl	Salt Water	37.9 to 45.3	<b>9 300</b>
4600	Polyvinyl	Salt Water	45.4 to 54.3	<b>9 300</b>
4610	Polyvinyl	Salt Water	54.4 to 74.6	<b>10 200</b>
4620	Polyvinyl	Salt Water	74.7 to 101.6	<b>13 200</b>
4630	Polyvinyl	Salt Water	101.7 to 141.3	<b>18 500</b>
4640	Polyvinyl	Salt Water	141.4 to 193.7	<b>26 000</b>
4650	Polyvinyl	Salt Water	193.8 to 246.1	<b>46 600</b>
4660	Polyvinyl	Salt Water	246.2 to 298.5	<b>61 900</b>

**1.005.100 Pipe (PL) (cont.)**

Formula: Base Cost = n X rate per kilometre in each component type

Where n = length in kilometre(s) in each component type

<b>Code</b>	<b>Material</b>	<b>Substance</b>	<b>Size Range mm</b>	<b>Rate Per Kilometre \$</b>
4670	Polyvinyl	Salt Water	298.6 to 339.8	<b>77 000</b>
5000	Aluminum	Crude Oil	37.9 to 45.3	<b>14 600</b>
5010	Aluminum	Crude Oil	45.4 to 54.3	<b>14 600</b>
5020	Aluminum	Crude Oil	54.4 to 74.6	<b>18 000</b>
5030	Aluminum	Crude Oil	74.7 to 101.6	<b>24 400</b>
5040	Aluminum	Crude Oil	101.7 to 141.3	<b>35 400</b>
5050	Aluminum	Fuel Gas	37.9 to 45.3	<b>14 600</b>
5060	Aluminum	Fuel Gas	45.4 to 54.3	<b>14 600</b>
5070	Aluminum	Fuel Gas	54.4 to 74.6	<b>18 000</b>
5080	Aluminum	Fuel Gas	74.7 to 101.6	<b>24 400</b>
5090	Aluminum	Fuel Gas	101.7 to 141.3	<b>35 400</b>
5100	Aluminum	Fresh Water	37.9 to 45.3	<b>14 600</b>
5110	Aluminum	Fresh Water	45.4 to 54.3	<b>14 600</b>
5120	Aluminum	Fresh Water	54.4 to 74.6	<b>18 000</b>
5130	Aluminum	Fresh Water	74.7 to 101.6	<b>24 400</b>
5140	Aluminum	Fresh Water	101.7 to 141.3	<b>35 400</b>
5150	Aluminum	HVP Products	37.9 to 45.3	<b>14 600</b>
5160	Aluminum	HVP Products	45.4 to 54.3	<b>14 600</b>
5170	Aluminum	HVP Products	54.4 to 74.6	<b>18 000</b>
5180	Aluminum	HVP Products	74.7 to 101.6	<b>24 400</b>
5190	Aluminum	HVP Products	101.7 to 141.3	<b>35 400</b>
5200	Aluminum	LVP Products	37.9 to 45.3	<b>14 600</b>
5210	Aluminum	LVP Products	45.4 to 54.3	<b>14 600</b>
5220	Aluminum	LVP Products	54.4 to 74.6	<b>18 000</b>
5230	Aluminum	LVP Products	74.7 to 101.6	<b>24 400</b>
5240	Aluminum	LVP Products	101.7 to 141.3	<b>35 400</b>
5250	Aluminum	Misc. Gases	37.9 to 45.3	<b>14 600</b>
5260	Aluminum	Misc. Gases	45.4 to 54.3	<b>14 600</b>
5270	Aluminum	Misc. Gases	54.4 to 74.6	<b>18 000</b>
5280	Aluminum	Misc. Gases	74.7 to 101.6	<b>24 400</b>
5290	Aluminum	Misc. Gases	101.7 to 141.3	<b>35 400</b>
5300	Aluminum	Natural Gas	37.9 to 45.3	<b>14 600</b>
5310	Aluminum	Natural Gas	45.4 to 54.3	<b>14 600</b>
5320	Aluminum	Natural Gas	54.4 to 74.6	<b>18 000</b>
5330	Aluminum	Natural Gas	74.7 to 101.6	<b>24 400</b>
5340	Aluminum	Natural Gas	101.7 to 141.3	<b>35 400</b>
5350	Aluminum	Oil-Well Effluent	37.9 to 45.3	<b>14 600</b>
5360	Aluminum	Oil-Well Effluent	45.4 to 54.3	<b>14 600</b>
5370	Aluminum	Oil-Well Effluent	54.4 to 74.6	<b>18 000</b>
5380	Aluminum	Oil-Well Effluent	74.7 to 101.6	<b>24 400</b>

**1.005.100 Pipe (PL) (cont.)**

Formula: Base Cost = n X rate per kilometre in each component type

Where n = length in kilometre(s) in each component type

<b>Code</b>	<b>Material</b>	<b>Substance</b>	<b>Size Range mm</b>	<b>Rate Per Kilometre \$</b>
5390	Aluminum	Oil-Well Effluent	101.7 to 141.3	<b>35 400</b>
5400	Aluminum	Sour Natural Gas	37.9 to 45.3	<b>14 600</b>
5410	Aluminum	Sour Natural Gas	45.4 to 54.3	<b>14 600</b>
5420	Aluminum	Sour Natural Gas	54.4 to 74.6	<b>18 000</b>
5430	Aluminum	Sour Natural Gas	74.7 to 101.6	<b>24 400</b>
5440	Aluminum	Sour Natural Gas	101.7 to 141.3	<b>35 400</b>
5450	Aluminum	Salt Water	37.9 to 45.3	<b>14 600</b>
5460	Aluminum	Salt Water	45.4 to 54.3	<b>14 600</b>
5470	Aluminum	Salt Water	54.4 to 74.6	<b>18 000</b>
5480	Aluminum	Salt Water	74.7 to 101.6	<b>24 400</b>
5490	Aluminum	Salt Water	101.7 to 141.3	<b>35 400</b>
6000	Fibreglass	Crude Oil	0 to 24.0	<b>7 700</b>
6010	Fibreglass	Crude Oil	24.1 to 30.1	<b>8 200</b>
6020	Fibreglass	Crude Oil	30.2 to 37.8	<b>8 600</b>
6030	Fibreglass	Crude Oil	37.9 to 45.3	<b>9 300</b>
6040	Fibreglass	Crude Oil	45.4 to 54.3	<b>9 300</b>
6050	Fibreglass	Crude Oil	54.4 to 74.6	<b>10 200</b>
6060	Fibreglass	Crude Oil	74.7 to 101.6	<b>13 200</b>
6070	Fibreglass	Crude Oil	101.7 to 141.3	<b>18 500</b>
6080	Fibreglass	Crude Oil	141.4 to 193.7	<b>26 000</b>
6090	Fibreglass	Crude Oil	193.8 to 246.1	<b>46 600</b>
6100	Fibreglass	Crude Oil	246.2 to 298.5	<b>61 900</b>
6110	Fibreglass	Crude Oil	298.6 to 339.8	<b>77 000</b>
6120	Fibreglass	Fuel Gas	0 to 24.0	<b>7 700</b>
6130	Fibreglass	Fuel Gas	24.1 to 30.1	<b>8 200</b>
6140	Fibreglass	Fuel Gas	30.2 to 37.8	<b>8 600</b>
6150	Fibreglass	Fuel Gas	37.9 to 45.3	<b>9 300</b>
6160	Fibreglass	Fuel Gas	45.4 to 54.3	<b>9 300</b>
6170	Fibreglass	Fuel Gas	54.4 to 74.6	<b>10 200</b>
6180	Fibreglass	Fuel Gas	74.7 to 101.6	<b>13 200</b>
6190	Fibreglass	Fuel Gas	101.7 to 141.3	<b>18 500</b>
6200	Fibreglass	Fuel Gas	141.4 to 193.7	<b>26 000</b>
6210	Fibreglass	Fuel Gas	193.8 to 246.1	<b>46 600</b>
6220	Fibreglass	Fuel Gas	246.2 to 298.5	<b>61 900</b>
6230	Fibreglass	Fuel Gas	298.6 to 339.8	<b>77 000</b>
6240	Fibreglass	Fresh Water	0 to 24.0	<b>7 700</b>
6250	Fibreglass	Fresh Water	24.1 to 30.1	<b>8 200</b>
6260	Fibreglass	Fresh Water	30.2 to 37.8	<b>8 600</b>
6270	Fibreglass	Fresh Water	37.9 to 45.3	<b>9 300</b>
6280	Fibreglass	Fresh Water	45.4 to 54.3	<b>9 300</b>



**1.005.100 Pipe (PL) (cont.)**

Formula: Base Cost = n X rate per kilometre in each component type

Where n = length in kilometre(s) in each component type

<b>Code</b>	<b>Material</b>	<b>Substance</b>	<b>Size Range mm</b>	<b>Rate Per Kilometre \$</b>
6290	Fibreglass	Fresh Water	54.4 to 74.6	<b>10 200</b>
6300	Fibreglass	Fresh Water	74.7 to 101.6	<b>13 200</b>
6310	Fibreglass	Fresh Water	101.7 to 141.3	<b>18 500</b>
6320	Fibreglass	Fresh Water	141.4 to 193.7	<b>26 000</b>
6330	Fibreglass	Fresh Water	193.8 to 246.1	<b>46 600</b>
6340	Fibreglass	Fresh Water	246.2 to 298.5	<b>61 900</b>
6350	Fibreglass	Fresh Water	298.6 to 339.8	<b>77 000</b>
6360	Fibreglass	Natural Gas	0 to 24.0	<b>7 700</b>
6370	Fibreglass	Natural Gas	24.1 to 30.1	<b>8 200</b>
6380	Fibreglass	Natural Gas	30.2 to 37.8	<b>8 600</b>
6390	Fibreglass	Natural Gas	37.9 to 45.3	<b>9 300</b>
6400	Fibreglass	Natural Gas	45.4 to 54.3	<b>9 300</b>
6410	Fibreglass	Natural Gas	54.4 to 74.6	<b>10 200</b>
6420	Fibreglass	Natural Gas	74.7 to 101.6	<b>13 200</b>
6430	Fibreglass	Natural Gas	101.7 to 141.3	<b>18 500</b>
6440	Fibreglass	Natural Gas	141.4 to 193.7	<b>26 000</b>
6450	Fibreglass	Natural Gas	193.8 to 246.1	<b>46 600</b>
6460	Fibreglass	Natural Gas	246.2 to 298.5	<b>61 900</b>
6470	Fibreglass	Natural Gas	298.6 to 339.8	<b>77 000</b>
6480	Fibreglass	Oil-Well Effluent	0 to 24.0	<b>7 700</b>
6490	Fibreglass	Oil-Well Effluent	24.1 to 30.1	<b>8 200</b>
6500	Fibreglass	Oil-Well Effluent	30.2 to 37.8	<b>8 600</b>
6510	Fibreglass	Oil-Well Effluent	37.9 to 45.3	<b>9 300</b>
6520	Fibreglass	Oil-Well Effluent	45.4 to 54.3	<b>9 300</b>
6530	Fibreglass	Oil-Well Effluent	54.4 to 74.6	<b>10 200</b>
6540	Fibreglass	Oil-Well Effluent	74.7 to 101.6	<b>13 200</b>
6550	Fibreglass	Oil-Well Effluent	101.7 to 141.3	<b>18 500</b>
6560	Fibreglass	Oil-Well Effluent	141.4 to 193.7	<b>26 000</b>
6570	Fibreglass	Oil-Well Effluent	193.8 to 246.1	<b>46 600</b>
6580	Fibreglass	Oil-Well Effluent	246.2 to 298.5	<b>61 900</b>
6590	Fibreglass	Oil-Well Effluent	298.6 to 339.8	<b>77 000</b>
6600	Fibreglass	Salt Water	0 to 24.0	<b>7 700</b>
6610	Fibreglass	Salt Water	24.1 to 30.1	<b>8 200</b>
6620	Fibreglass	Salt Water	30.2 to 37.8	<b>8 600</b>
6630	Fibreglass	Salt Water	37.9 to 45.3	<b>9 300</b>
6640	Fibreglass	Salt Water	45.4 to 54.3	<b>9 300</b>
6650	Fibreglass	Salt Water	54.4 to 74.6	<b>10 200</b>
6660	Fibreglass	Salt Water	74.7 to 101.6	<b>13 200</b>
6670	Fibreglass	Salt Water	101.7 to 141.3	<b>18 500</b>
6680	Fibreglass	Salt Water	141.4 to 193.7	<b>26 000</b>

**1.005.100 Pipe (PL) (cont.)**

Formula: Base Cost = n X rate per kilometre in each component type

Where n = length in kilometre(s) in each component type

<b>Code</b>	<b>Material</b>	<b>Substance</b>	<b>Size Range mm</b>	<b>Rate Per Kilometre \$</b>
6690	Fibreglass	Salt Water	193.8 to 246.1	<b>46 600</b>
6700	Fibreglass	Salt Water	246.2 to 298.5	<b>61 900</b>
6710	Fibreglass	Salt Water	298.6 to 339.8	<b>77 000</b>
9010	Plastic Lined / Cement Lined		37.9 to 45.3	<b>32 700</b>
9020	Plastic Lined / Cement Lined		45.4 to 54.3	<b>32 700</b>
9030	Plastic Lined / Cement Lined		54.4 to 74.6	<b>36 500</b>
9040	Plastic Lined / Cement Lined		74.7 to 101.6	<b>40 500</b>
9050	Plastic Lined / Cement Lined		101.7 to 141.3	<b>53 800</b>
9060	Plastic Lined / Cement Lined		141.4 to 193.7	<b>73 600</b>
9070	Plastic Lined / Cement Lined		193.8 to 246.1	<b>98 300</b>
9080	Plastic Lined / Cement Lined		246.2 to 298.5	<b>127 400</b>
9090	Plastic Lined / Cement Lined		298.6 to 339.8	<b>144 400</b>
9100	Plastic Lined / Cement Lined		339.9 to 381.0	<b>177 500</b>
9110	Plastic Lined / Cement Lined		381.1 to 431.7	<b>230 000</b>
9120	Plastic Lined / Cement Lined		431.8 to 482.5	<b>264 300</b>
9130	Stainless Steel		141.4 to 193.7	<b>109 400</b>
9140	Hot Water Return		141.4 to 193.7	<b>123 500</b>
9150	Heated Sulphur		298.6 to 339.8	<b>391 700</b>
9160	Steam Injection		193.8 to 246.1	<b>563 500</b>
9170	Steam Injection		339.9 to 381.0	<b>770 100</b>
9180	Steam Injection		381.1 to 431.7	<b>883 900</b>
9190	Steam Injection		431.8 to 482.5	<b>981 500</b>
9200	Steam Injection		482.6 to 533.5	<b>1 069 700</b>

**1.005.200 Gas Distribution System (GDS)**

Formula: Base Cost = n X rate per customer hookup in each component type  
 Where n = number of customer hookups in each component type

Code	Component Type	Rate Per Customer Hookup (\$)
10	8.5 cubic metres per hour or less. Service line from tap to meter.	176.00
20	8.5 cubic metres per hour or greater. Service line from tap to meter	182.00
30	8.5 cubic metres per hour or less. Meter set including meter with regulator	181.00
40	8.5 cubic metres per hour or greater. Meter set including meter with regulator	1 413.00

**Note:** For distribution and transmission pipe use Section 1.005 Pipeline

**1.005.300 Single-Zone and Multi-Zone Wells (WL)**

Formula: Base Cost = Constant + (n - 304m) X rate per metres of depth in each component type

Where n = depth in metres of the deepest producing zone in each component type.

**Note:** If “n” is less than 304 metres, then n equals 304 metres.

Code	Component Type	Constant (\$)	Rate Per Metre (\$)
10	Single-Zone–Crude Oil Flow	39 990	74.80
20	Single-Zone – Crude Oil Pump	59 620	87.30
30	Single-Zone – Gas	30 900	81.90
40	Single-Zone – Injection/Disposal/Storage	38 320	91.90
50	Single-Zone – Crude Bitumen	77 100	127.10
80	Multi-Zone – Crude Oil Flow	50 100	82.00
90	Multi-Zone – Crude Oil Pump	71 220	121.20
100	Multi-Zone – Gas	43 980	83.20
110	Multi-Zone – Injection/Disposal/Storage	57 930	128.60

**Single-Zone and Multi-Zone Wells (WL)**

Formula: Base Cost = Constant + (n X rate per metres of depth) in each component type.  
 Where n = depth in metres of the deepest producing zone in each component type.

Code	Component Type	Constant (\$)	Rate Per Metre (\$)
60	Single-Zone–Tubingless	9 180	54.10
70	Single-Zone–Water Source/Supply	12 000	0
230	Single-Zone–Pool Code 0158	2 380	59.50
240	Multi-Zone–Pool Code 0158	2 380	59.50

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**2.000 SCHEDULE B—ASSESSMENT YEAR MODIFIERS**

**2.001 ELECTRIC POWER SYSTEMS**

Code	Property Type	Year	Assessment Year Modifier
EM 01	Electric Power Systems	2001	1.04

**2.002 TELECOMMUNICATION SYSTEMS**

Code	Property Type	Year	Assessment Year Modifier
TM 01	Telecommunication Systems*	2001	0.99
CM 01	Cable Television Systems	2001	1.02

\* Does not include Cable Television Systems

**2.003 PIPELINE (PL)**

Code	Property Type	Year	Assessment Year Modifier
PL	Pipeline	2001	1.17

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### 3.000 SCHEDULE C—DEPRECIATION

The depreciation factors prescribed in Schedule C for linear property that is described in Schedule C are exhaustive.

No additional depreciation can be applied except as specified in Schedule D.

“Age” means the chronological age or the effective age, in years.

### 3.001 ELECTRIC POWER SYSTEMS DEPRECIATION

The depreciation factor for electric power systems is 0.75, unless otherwise specified in this section.

**Note:** Procedure for using Depreciation Tables 3.001.300, 3.001.400 and 3.001.500.

Determine the size of the generation unit.

Determine the “Generation Unit Depreciation Life” (columns). The generation unit depreciation type is equal to the assessment year **minus** the year the unit is deemed to have been constructed.

Determine the “Age of Component” (rows). The age of the component is equal to the Assessment Year **minus** the year the component is deemed to have been constructed.

Size of generation unit, generation unit depreciation life and age of component are needed to arrive at the correct depreciation factor for each size of generation unit.

#### **EXAMPLE**

If there was a twenty-year-old, fifty-five megawatt generation unit, (column type 20) with a ten-year-old component (row 10) then that component would have a depreciation factor of 0.563 (column 20, row 10 page 49)

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**3.001.100 Substation Depreciation Factors**

<b>Age of Component</b>	<b>All Substations</b>
0	1.000
1	0.960
2	0.920
3	0.870
4	0.840
5	0.800
6	0.760
7	0.720
8	0.690
9	0.660
10	0.620
11	0.590
12	0.570
13	0.540
14	0.510
15	0.490
16	0.460
17	0.440
18	0.420
19	0.400
20	0.380
21	0.360
22	0.340
23	0.320
24	0.310
25	0.290
26	0.280
27	0.260
28	0.250
29	0.240
30	0.220
31	0.210
32	0.200
33	0.190
34	0.180
35	0.170
36	0.160
37	0.150
38	0.140
39	0.130
40	0.120
41	0.120

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**3.001.200****Generation Facilities–Depreciation Factors–All Wind Generation**

<b>Age of Component</b>	<b>All Units</b>
0	0.750
1	0.750
2	0.750
3	0.750
4	0.750
5	0.750
6	0.750
7	0.717
8	0.676
9	0.636
10	0.598
11	0.560
12	0.524
13	0.489
14	0.455
15	0.421
16	0.389
17	0.360
18	0.330
19	0.303
20	0.277
21	0.252
22	0.228
23	0.206
24	0.200
25	0.200

## 3.001.210

## Generation Facilities–Depreciation Factors–ATCO

Age of Component	Battle River #3 & #4	HR Milner	Battle River # 5	Jasper Astoria	Sheerness #1	Sheerness #2
0	0.750	0.750	0.750	0.703	0.750	0.750
1	0.750	0.750	0.750	0.245	0.750	0.750
2	0.745	0.750	0.750	0.200	0.750	0.750
3	0.674	0.706	0.750	0.200	0.750	0.750
4	0.614	0.647	0.750	0.200	0.750	0.750
5	0.563	0.594	0.750	0.200	0.750	0.750
6	0.519	0.547	0.737	0.200	0.750	0.750
7	0.481	0.506	0.708	0.200	0.750	0.750
8	0.447	0.468	0.680	0.200	0.736	0.737
9	0.418	0.435	0.654	0.200	0.713	0.715
10	0.391	0.404	0.630	0.200	0.692	0.694
11	0.366	0.376	0.606		0.672	0.674
12	0.345	0.350	0.585		0.652	0.654
13	0.325	0.325	0.565		0.634	0.637
14	0.308	0.303	0.545		0.618	0.620
15	0.292	0.282	0.526		0.601	0.603
16	0.276	0.264	0.510		0.585	0.588
17	0.262	0.246	0.493		0.571	0.573
18	0.250	0.230	0.477		0.556	0.558
19	0.236	0.213	0.462		0.542	0.545
20	0.226	0.200	0.447		0.529	0.532
21	0.216	0.200	0.433		0.517	0.520
22	0.206	0.200	0.421		0.504	0.507
23	0.200	0.200	0.408		0.494	0.497
24	0.200	0.200	0.395		0.483	0.485
25	0.200	0.200	0.384		0.472	0.475
26	0.200		0.374		0.462	0.465
27	0.200		0.362		0.451	0.453
28	0.200		0.354		0.442	0.445
29	0.200		0.343		0.432	0.434
30	0.200		0.334		0.425	0.424
31	0.200		0.322		0.416	0.418
32	0.200		0.314		0.407	0.410
33	0.200		0.307		0.400	0.402
34	0.200		0.297		0.392	0.391
35	0.200		0.288		0.382	0.384
36			0.280		0.376	0.378
37			0.276		0.370	0.369
38			0.268		0.362	0.364
39			0.258		0.357	0.355
40			0.252		0.349	0.347



3.001.210 Generation Facilities-Depreciation Factors-ATCO (cont.)

Age of Component	Battle River #3 & #4	HR Milner	Battle River # 5	Jasper Astoria	Sheerness #1	Sheerness #2
41			0.246		0.342	0.344
42			0.237		0.335	0.337
43			0.233		0.332	0.330
44			0.224		0.326	0.324
45			0.221		0.320	0.318
46			0.214		0.315	0.312
47			0.207		0.333	0.307
48			0.200		0.301	0.302
49			0.200		0.296	0.293
50			0.200		0.293	0.289
51					0.284	0.286
52					0.281	0.277
53					0.278	0.274
54					0.270	0.266
55					0.268	0.264
56					0.261	0.257
57					0.260	0.249
58					0.253	0.248
59					0.246	0.241
60					0.246	0.235
61					0.240	0.235
62					0.234	0.229
63					0.228	0.223
64					0.228	0.217
65					0.224	0.212
66					0.219	0.206
67					0.214	0.201
68					0.210	0.200
69					0.205	0.200
70					0.201	0.200
71					0.200	0.200
72					0.200	0.200
73					0.200	0.200
74					0.200	0.200
75					0.200	0.200

## 3.001.220

## Generation Facilities-Depreciation Factors-EPCOR

Age of Component	Clover Bar	Genesee
0	0.750	0.750
1	0.750	0.750
2	0.750	0.750
3	0.685	0.750
4	0.625	0.750
5	0.573	0.750
6	0.528	0.750
7	0.488	0.750
8	0.454	0.739
9	0.422	0.717
10	0.394	0.694
11	0.369	0.673
12	0.346	0.653
13	0.324	0.634
14	0.305	0.616
15	0.288	0.598
16	0.272	0.581
17	0.255	0.565
18	0.242	0.549
19	0.229	0.535
20	0.217	0.520
21	0.205	0.505
22	0.200	0.492
23	0.200	0.477
24	0.200	0.466
25	0.200	0.452
26	0.200	0.442
27	0.200	0.430
28	0.200	0.418
29	0.200	0.407
30	0.200	0.394
31	0.200	0.384
32	0.200	0.372
33	0.200	0.363
34	0.200	0.352
35	0.200	0.341
36	0.200	0.334
37	0.200	0.324
38	0.200	0.314
39	0.200	0.305
40	0.200	0.291
41	0.200	0.283
42	0.200	0.275
43	0.200	0.267
44	0.200	0.255
45	0.200	0.248
46	0.200	0.237
47	0.200	0.231
48	0.200	0.220
49	0.200	0.209
50	0.200	0.204
51	0.200	0.200
52	0.200	0.200

## 3.001.230

## Generation Facilities-Depreciation Factors-TAU

Age of Component	Barrier	Bearspaw	Bighorn	Brazeau	Cascade
0	0.750	0.750	0.750	0.750	0.750
1	0.750	0.750	0.750	0.750	0.750
2	0.750	0.750	0.750	0.750	0.750
3	0.736	0.750	0.750	0.750	0.734
4	0.681	0.735	0.750	0.750	0.678
5	0.632	0.694	0.750	0.750	0.629
6	0.589	0.657	0.750	0.742	0.585
7	0.550	0.623	0.750	0.712	0.546
8	0.515	0.593	0.750	0.684	0.511
9	0.483	0.565	0.742	0.657	0.479
10	0.454	0.540	0.722	0.632	0.449
11	0.427	0.517	0.702	0.608	0.423
12	0.403	0.495	0.684	0.586	0.398
13	0.381	0.475	0.666	0.564	0.375
14	0.360	0.457	0.649	0.544	0.354
15	0.341	0.440	0.633	0.525	0.335
16	0.323	0.424	0.618	0.507	0.317
17	0.306	0.409	0.603	0.490	0.300
18	0.290	0.395	0.589	0.473	0.284
19	0.276	0.382	0.575	0.458	0.270
20	0.262	0.370	0.562	0.443	0.256
21	0.249	0.358	0.550	0.428	0.243
22	0.237	0.347	0.537	0.415	0.230
23	0.226	0.337	0.526	0.401	0.219
24	0.215	0.327	0.515	0.389	0.208
25	0.204	0.200	0.504	0.377	0.200
26	0.200	0.200	0.493	0.365	0.200
27	0.200	0.200	0.483	0.354	0.200
28	0.200	0.200	0.473	0.343	0.200
29	0.200	0.200	0.459	0.333	0.200
30	0.200	0.200	0.441	0.323	0.200
31	0.200	0.200	0.423	0.313	0.200
32	0.200	0.200	0.404	0.304	0.200
33	0.200	0.200	0.386	0.295	0.200
34	0.200	0.200	0.368	0.287	0.200
35	0.200	0.200	0.349	0.278	0.200
36	0.200	0.200	0.331	0.264	0.200
37	0.200	0.200	0.313	0.244	0.200
38	0.200	0.200	0.294	0.224	0.200
39	0.200	0.200	0.276	0.204	0.200
40	0.200	0.200	0.258	0.200	0.200
41	0.200	0.200	0.239	0.200	0.200
42	0.200	0.200	0.221	0.200	0.200
43	0.200	0.200	0.203	0.200	0.200
44	0.200	0.200	0.200	0.200	0.200

## 3.001.230

## Generation Facilities–Depreciation Factors–TAU (cont.)

Age of Component	Ghost	Horseshoe	Interlakes	Kananakis	Keephills
0	0.750	0.750	0.750	0.750	0.750
1	0.750	0.750	0.750	0.750	0.750
2	0.750	0.750	0.750	0.750	0.750
3	0.750	0.713	0.711	0.750	0.750
4	0.727	0.654	0.651	0.700	0.750
5	0.686	0.601	0.598	0.654	0.750
6	0.649	0.554	0.550	0.614	0.750
7	0.615	0.512	0.508	0.577	0.729
8	0.585	0.474	0.469	0.544	0.702
9	0.558	0.439	0.434	0.514	0.678
10	0.533	0.407	0.403	0.487	0.654
11	0.511	0.379	0.374	0.462	0.632
12	0.490	0.352	0.347	0.439	0.611
13	0.471	0.328	0.322	0.418	0.591
14	0.453	0.305	0.300	0.398	0.573
15	0.436	0.284	0.279	0.380	0.555
16	0.421	0.265	0.259	0.363	0.538
17	0.407	0.247	0.241	0.348	0.521
18	0.393	0.230	0.224	0.333	0.506
19	0.381	0.214	0.208	0.319	0.491
20	0.369	0.200	0.200	0.306	0.478
21	0.358	0.200	0.200	0.294	0.463
22	0.348	0.200	0.200	0.283	0.450
23	0.338	0.200	0.200	0.272	0.438
24	0.329	0.200	0.200	0.262	0.424
25	0.320	0.200	0.200	0.252	0.411
26	0.312	0.200	0.200	0.243	0.402
27	0.304	0.200	0.200	0.234	0.391
28	0.296	0.200	0.200	0.226	0.378
29	0.289	0.200	0.200	0.218	0.368
30	0.282	0.200	0.200	0.211	0.356
31	0.276	0.200	0.200	0.204	0.348
32	0.270	0.200	0.200	0.200	0.338
33	0.264	0.200	0.200	0.200	0.328
34	0.258	0.200	0.200	0.200	0.318
35	0.253	0.200	0.200	0.200	0.310
36	0.247	0.200	0.200	0.200	0.298
37	0.242	0.200	0.200	0.200	0.290
38	0.238	0.200	0.200	0.200	0.279
39	0.233	0.200	0.200	0.200	0.269
40	0.229	0.200	0.200	0.200	0.263
41	0.224	0.200	0.200	0.200	0.253
42	0.220	0.200	0.200	0.200	0.244
43	0.216	0.200	0.200	0.200	0.235
44	0.212	0.200	0.200	0.200	0.227
45	0.209	0.200	0.200	0.200	0.219
46	0.205	0.200	0.200	0.200	0.207
47	0.202	0.200	0.200	0.200	0.200
48	0.200	0.200	0.200	0.200	0.200
49	0.200	0.200	0.200	0.200	0.200
50	0.200	0.200	0.200	0.200	0.200

## 3.001.230

## Generation Facilities-Depreciation Factors-TAU (cont.)

Age of Component	Pocaterra	Rundle	Sundance	Spray	Three Sisters	Wabamun
0	0.750	0.750	0.750	0.750	0.750	0.750
1	0.750	0.750	0.750	0.750	0.750	0.503
2	0.750	0.750	0.750	0.750	0.750	0.355
3	0.734	0.682	0.750	0.750	0.674	0.261
4	0.678	0.616	0.750	0.703	0.608	0.200
5	0.629	0.557	0.750	0.657	0.550	0.200
6	0.585	0.505	0.725	0.617	0.499	0.200
7	0.546	0.458	0.694	0.581	0.453	0.200
8	0.511	0.415	0.666	0.548	0.412	0.200
9	0.479	0.377	0.640	0.518	0.374	0.200
10	0.449	0.342	0.615	0.491	0.341	0.200
11	0.423	0.310	0.592	0.467	0.310	0.200
12	0.398	0.281	0.569	0.444	0.282	0.200
13	0.375	0.254	0.549	0.423	0.256	0.200
14	0.354	0.228	0.530	0.404	0.232	0.200
15	0.335	0.205	0.512	0.386	0.210	0.200
16	0.319	0.200	0.495	0.369	0.200	0.200
17	0.300	0.200	0.479	0.353	0.200	0.200
18	0.284	0.200	0.463	0.339	0.200	0.200
19	0.270	0.200	0.448	0.325	0.200	0.200
20	0.256	0.200	0.433	0.312	0.200	0.200
21	0.243	0.200	0.419	0.300	0.200	0.200
22	0.230	0.200	0.406	0.289	0.200	0.200
23	0.219	0.200	0.395	0.278	0.200	0.200
24	0.208	0.200	0.382	0.268	0.200	0.200
25	0.200	0.200	0.370	0.259	0.200	0.200
26			0.360	0.250		
27			0.347	0.241		
28			0.338	0.233		
29			0.328	0.225		
30			0.318	0.218		
31			0.309	0.211		
32			0.297	0.204		
33			0.290	0.200		
34			0.280	0.200		
35			0.270	0.200		
36			0.261	0.200		
37			0.253	0.200		
38			0.245	0.200		
39			0.238	0.200		
40			0.227	0.200		
41			0.221	0.200		
42			0.212	0.200		
43			0.202	0.200		
44			0.200	0.200		
45			0.200	0.200		
46			0.200	0.200		
47			0.200	0.200		

**3.001.300 Other Generation Facilities–Depreciation Factors–Less than 50 MegaWatt Units**

**Note:** If assessment year minus age of unit is greater than 30 then use 30

Age of Component	Generation Unit Depreciation Life					
	1	2	3	4	5	6
0	0.750	0.750	0.750	0.750	0.750	0.750
1	0.750	0.750	0.750	0.750	0.750	0.750
2	0.750	0.750	0.750	0.750	0.750	0.750
3	0.750	0.750	0.750	0.750	0.750	0.750
4	0.750	0.750	0.750	0.750	0.750	0.750
5	0.750	0.750	0.750	0.750	0.750	0.750
6	0.750	0.750	0.750	0.750	0.750	0.750
7	0.733	0.733	0.730	0.728	0.725	0.723
8	0.696	0.695	0.693	0.691	0.689	0.686
9	0.660	0.659	0.657	0.655	0.653	0.650
10	0.624	0.623	0.622	0.620	0.618	0.615
11	0.588	0.588	0.587	0.585	0.583	0.581
12	0.553	0.552	0.552	0.551	0.550	0.547
13	0.519	0.519	0.519	0.517	0.516	0.515
14	0.486	0.486	0.485	0.485	0.483	0.482
15	0.453	0.453	0.453	0.453	0.451	0.451
16	0.422	0.422	0.422	0.420	0.420	0.420
17	0.390	0.390	0.390	0.390	0.390	0.390
18	0.361	0.361	0.361	0.361	0.361	0.361
19	0.333	0.333	0.333	0.333	0.333	0.330
20	0.303	0.303	0.303	0.303	0.303	0.303
21	0.276	0.276	0.276	0.276	0.276	0.276
22	0.250	0.250	0.250	0.250	0.250	0.250
23	0.225	0.225	0.225	0.225	0.225	0.225
24	0.201	0.201	0.201	0.201	0.201	0.201
25	0.200	0.200	0.200	0.200	0.200	0.200

**3.001.300 Other Generation Facilities–Depreciation Factors–Less than 50 MegaWatt Units (cont.)**

**Note:** If assessment year minus age of unit is greater than 30 then use 30

Age of Component	Generation Unit Depreciation Life					
	7	8	9	10	11	12
0	0.750	0.750	0.750	0.750	0.750	0.750
1	0.750	0.750	0.750	0.750	0.750	0.750
2	0.750	0.750	0.750	0.750	0.750	0.750
3	0.750	0.750	0.750	0.750	0.750	0.750
4	0.750	0.750	0.750	0.750	0.750	0.750
5	0.750	0.750	0.750	0.750	0.750	0.750
6	0.750	0.750	0.748	0.742	0.736	0.728
7	0.719	0.715	0.710	0.703	0.697	0.689
8	0.682	0.678	0.672	0.667	0.660	0.653
9	0.647	0.643	0.637	0.632	0.625	0.618
10	0.612	0.608	0.603	0.598	0.591	0.584
11	0.578	0.575	0.570	0.565	0.559	0.552
12	0.545	0.542	0.538	0.533	0.527	0.521
13	0.512	0.509	0.506	0.502	0.497	0.490
14	0.480	0.479	0.476	0.471	0.467	0.461
15	0.450	0.447	0.445	0.442	0.437	0.432
16	0.419	0.417	0.415	0.412	0.408	0.405
17	0.388	0.387	0.387	0.383	0.381	0.377
18	0.359	0.359	0.357	0.355	0.353	0.349
19	0.330	0.330	0.328	0.328	0.326	0.322
20	0.303	0.303	0.303	0.301	0.299	0.296
21	0.276	0.276	0.276	0.274	0.274	0.272
22	0.250	0.250	0.250	0.250	0.248	0.248
23	0.225	0.225	0.225	0.225	0.223	0.223
24	0.201	0.201	0.201	0.201	0.201	0.200
25	0.200	0.200	0.200	0.200	0.200	0.200

**3.001.300 Other Generation Facilities–Depreciation Factors–Less than 50 MegaWatt Units (cont.)**

**Note:** If assessment year minus age of unit is greater than 30 then use 30

Age of Component	Generation Unit Depreciation Life					
	13	14	15	16	17	18
0	0.750	0.750	0.750	0.750	0.750	0.750
1	0.750	0.750	0.750	0.750	0.750	0.750
2	0.750	0.750	0.750	0.750	0.750	0.750
3	0.750	0.750	0.750	0.750	0.750	0.750
4	0.750	0.750	0.750	0.750	0.750	0.750
5	0.750	0.750	0.744	0.733	0.720	0.706
6	0.720	0.710	0.700	0.688	0.675	0.660
7	0.680	0.670	0.660	0.647	0.633	0.617
8	0.644	0.634	0.622	0.610	0.595	0.579
9	0.608	0.599	0.587	0.575	0.560	0.544
10	0.576	0.565	0.554	0.541	0.527	0.511
11	0.544	0.533	0.523	0.510	0.496	0.480
12	0.513	0.504	0.493	0.481	0.467	0.451
13	0.483	0.475	0.464	0.453	0.439	0.424
14	0.455	0.446	0.437	0.425	0.413	0.399
15	0.426	0.419	0.410	0.400	0.388	0.375
16	0.398	0.393	0.384	0.374	0.364	0.350
17	0.372	0.367	0.359	0.350	0.341	0.328
18	0.346	0.340	0.334	0.326	0.317	0.307
19	0.320	0.316	0.310	0.304	0.296	0.286
20	0.294	0.290	0.286	0.279	0.273	0.264
21	0.269	0.267	0.263	0.258	0.251	0.245
22	0.246	0.243	0.241	0.236	0.229	0.224
23	0.223	0.220	0.218	0.213	0.208	0.203
24	0.200	0.200	0.200	0.200	0.200	0.200
25						



**3.001.300 Other Generation Facilities–Depreciation Factors–Less than 50 MegaWatt Units (cont.)**

**Note:** If assessment year minus age of unit is greater than 30 then use 30

Age of Component	Generation Unit Depreciation Life					
	19	20	21	22	23	24
0	0.750	0.750	0.750	0.750	0.750	0.750
1	0.750	0.750	0.750	0.750	0.750	0.750
2	0.750	0.750	0.750	0.750	0.750	0.750
3	0.750	0.750	0.750	0.750	0.735	0.708
4	0.744	0.728	0.709	0.687	0.661	0.630
5	0.691	0.672	0.652	0.627	0.599	0.565
6	0.643	0.623	0.601	0.575	0.546	0.511
7	0.600	0.580	0.557	0.530	0.500	0.464
8	0.560	0.540	0.517	0.490	0.460	0.424
9	0.525	0.504	0.481	0.454	0.424	0.389
10	0.492	0.471	0.448	0.422	0.392	0.358
11	0.462	0.442	0.419	0.393	0.364	0.330
12	0.433	0.414	0.392	0.366	0.337	0.306
13	0.407	0.388	0.366	0.341	0.314	0.284
14	0.382	0.364	0.342	0.320	0.293	0.262
15	0.359	0.341	0.321	0.298	0.273	0.244
16	0.337	0.320	0.301	0.279	0.253	0.226
17	0.314	0.299	0.281	0.260	0.236	0.210
18	0.294	0.278	0.263	0.242	0.220	0.200
19	0.273	0.259	0.243	0.225	0.204	
20	0.254	0.241	0.226	0.208	0.200	
21	0.233	0.222	0.208	0.200		
22	0.215	0.205	0.200			
23	0.200	0.200				
24						
25						

**3.001.300 Other Generation Facilities–Depreciation Factors–Less than 50 MegaWatt Units (cont.)**

**Note:** If assessment year minus age of unit is greater than 30 then use 30

Age of Component	Generation Unit Depreciation Life					
	25	26	27	28	29	30
0	0.750	0.750	0.750	0.750	0.750	0.633
1	0.750	0.750	0.750	0.750	0.750	0.633
2	0.750	0.745	0.699	0.633	0.528	0.340
3	0.674	0.632	0.576	0.499	0.388	0.214
4	0.592	0.545	0.485	0.407	0.299	0.200
5	0.525	0.476	0.416	0.339	0.238	
6	0.470	0.421	0.361	0.287	0.200	
7	0.424	0.375	0.317	0.246		
8	0.384	0.337	0.280	0.213		
9	0.349	0.303	0.249	0.200		
10	0.320	0.275	0.223			
11	0.293	0.249	0.200			
12	0.269	0.227				
13	0.248	0.200				
14	0.228					
15	0.210					
16	0.200					
17						
18						
19						
20						

**3.001.400 Other Generation Facilities–Depreciation Factors–50–100 MegaWatt Units**

**Note:** If assessment year minus age of unit is greater than 35 then use 35

Age of Component	Generation Unit Depreciation Life						
	1	2	3	4	5	6	7
0	0.750	0.750	0.750	0.750	0.750	0.750	0.750
1	0.750	0.750	0.750	0.750	0.750	0.750	0.750
2	0.750	0.750	0.750	0.750	0.750	0.750	0.750
3	0.750	0.750	0.750	0.750	0.750	0.750	0.750
4	0.750	0.750	0.750	0.750	0.750	0.750	0.750
5	0.750	0.750	0.750	0.750	0.750	0.750	0.750
6	0.750	0.750	0.750	0.750	0.750	0.750	0.750
7	0.750	0.750	0.750	0.750	0.750	0.750	0.750
8	0.743	0.740	0.738	0.734	0.731	0.728	0.724
9	0.714	0.712	0.709	0.706	0.703	0.700	0.695
10	0.688	0.684	0.682	0.679	0.676	0.672	0.668
11	0.662	0.658	0.656	0.652	0.650	0.645	0.642
12	0.636	0.633	0.631	0.628	0.624	0.621	0.617
13	0.611	0.608	0.605	0.603	0.600	0.596	0.592
14	0.587	0.584	0.583	0.580	0.575	0.572	0.568
15	0.563	0.561	0.558	0.557	0.553	0.550	0.545
16	0.540	0.538	0.536	0.533	0.531	0.528	0.524
17	0.517	0.515	0.514	0.512	0.508	0.506	0.503
18	0.496	0.494	0.492	0.490	0.488	0.484	0.480
19	0.475	0.473	0.471	0.469	0.467	0.463	0.461
20	0.453	0.453	0.451	0.449	0.447	0.444	0.440
21	0.434	0.432	0.429	0.429	0.427	0.425	0.420
22	0.414	0.411	0.411	0.409	0.406	0.404	0.402
23	0.394	0.391	0.391	0.389	0.389	0.386	0.384
24	0.374	0.374	0.372	0.372	0.369	0.367	0.364
25	0.356	0.356	0.353	0.353	0.350	0.350	0.348
26	0.338	0.335	0.335	0.335	0.332	0.332	0.330
27	0.318	0.318	0.318	0.318	0.315	0.315	0.312
28	0.301	0.301	0.301	0.298	0.298	0.298	0.295
29	0.285	0.285	0.282	0.282	0.282	0.282	0.279
30	0.267	0.267	0.267	0.267	0.267	0.267	0.263
31	0.252	0.252	0.252	0.252	0.249	0.249	0.249
32	0.238	0.234	0.234	0.234	0.234	0.234	0.234
33	0.221	0.221	0.221	0.221	0.221	0.221	0.217
34	0.208	0.204	0.204	0.204	0.204	0.204	0.204
35	0.200	0.200	0.200	0.200	0.200	0.200	0.200

**3.001.400 Other Generation Facilities–Depreciation Factors–50–100 MegaWatt Units (cont.)**

**Note:** If assessment year minus age of unit is greater than 35 then use 35

Age of Component	Generation Unit Depreciation Life						
	8	9	10	11	12	13	14
0	0.750	0.750	0.750	0.750	0.750	0.750	0.750
1	0.750	0.750	0.750	0.750	0.750	0.750	0.750
2	0.750	0.750	0.750	0.750	0.750	0.750	0.750
3	0.750	0.750	0.750	0.750	0.750	0.750	0.750
4	0.750	0.750	0.750	0.750	0.750	0.750	0.750
5	0.750	0.750	0.750	0.750	0.750	0.750	0.750
6	0.750	0.750	0.750	0.750	0.750	0.750	0.750
7	0.750	0.746	0.741	0.736	0.730	0.724	0.718
8	0.720	0.715	0.710	0.705	0.699	0.692	0.686
9	0.691	0.687	0.681	0.676	0.669	0.662	0.655
10	0.664	0.659	0.653	0.648	0.642	0.634	0.627
11	0.637	0.633	0.627	0.621	0.614	0.607	0.600
12	0.612	0.607	0.602	0.595	0.589	0.583	0.575
13	0.588	0.583	0.578	0.571	0.566	0.559	0.550
14	0.565	0.559	0.555	0.549	0.541	0.535	0.526
15	0.542	0.537	0.531	0.526	0.520	0.512	0.506
16	0.519	0.514	0.509	0.504	0.499	0.492	0.483
17	0.497	0.494	0.488	0.483	0.477	0.470	0.463
18	0.476	0.473	0.469	0.463	0.457	0.451	0.444
19	0.457	0.453	0.449	0.442	0.438	0.432	0.424
20	0.438	0.434	0.429	0.425	0.419	0.412	0.406
21	0.418	0.414	0.409	0.405	0.400	0.396	0.389
22	0.399	0.395	0.392	0.387	0.383	0.378	0.371
23	0.381	0.379	0.374	0.369	0.366	0.361	0.354
24	0.361	0.359	0.356	0.354	0.349	0.343	0.338
25	0.345	0.342	0.340	0.337	0.332	0.326	0.324
26	0.327	0.327	0.324	0.318	0.316	0.313	0.307
27	0.312	0.309	0.306	0.303	0.300	0.295	0.292
28	0.295	0.292	0.289	0.286	0.283	0.280	0.277
29	0.279	0.276	0.276	0.273	0.270	0.266	0.263
30	0.263	0.260	0.260	0.257	0.254	0.250	0.247
31	0.249	0.245	0.245	0.242	0.238	0.238	0.235
32	0.231	0.231	0.231	0.227	0.227	0.224	0.220
33	0.217	0.217	0.217	0.214	0.214	0.210	0.206
34	0.204	0.204	0.200	0.200	0.200	0.200	0.200
35	0.200	0.200					

**3.001.400 Other Generation Facilities–Depreciation Factors–50–100 MegaWatt Units (cont.)**

**Note:** If assessment year minus age of unit is greater than 35 then use 35

Age of Component	Generation Unit Depreciation Life						
	15	16	17	18	19	20	21
0	0.750	0.750	0.750	0.750	0.750	0.750	0.750
1	0.750	0.750	0.750	0.750	0.750	0.750	0.750
2	0.750	0.750	0.750	0.750	0.750	0.750	0.750
3	0.750	0.750	0.750	0.750	0.750	0.750	0.750
4	0.750	0.750	0.750	0.750	0.750	0.750	0.750
5	0.750	0.750	0.750	0.750	0.750	0.741	0.730
6	0.745	0.737	0.730	0.721	0.710	0.699	0.687
7	0.710	0.702	0.693	0.683	0.673	0.661	0.647
8	0.677	0.669	0.660	0.649	0.638	0.625	0.612
9	0.647	0.638	0.629	0.618	0.606	0.593	0.579
10	0.619	0.609	0.600	0.588	0.577	0.563	0.549
11	0.591	0.582	0.573	0.561	0.548	0.536	0.521
12	0.566	0.556	0.546	0.536	0.523	0.509	0.495
13	0.542	0.533	0.522	0.511	0.500	0.486	0.471
14	0.519	0.510	0.500	0.488	0.476	0.462	0.448
15	0.496	0.488	0.477	0.466	0.455	0.442	0.427
16	0.475	0.466	0.456	0.446	0.434	0.420	0.407
17	0.456	0.446	0.437	0.427	0.414	0.401	0.388
18	0.436	0.426	0.419	0.407	0.396	0.384	0.371
19	0.418	0.408	0.400	0.390	0.379	0.367	0.353
20	0.399	0.391	0.382	0.372	0.361	0.350	0.337
21	0.382	0.373	0.364	0.355	0.346	0.335	0.321
22	0.364	0.357	0.350	0.340	0.331	0.319	0.307
23	0.349	0.342	0.334	0.324	0.314	0.305	0.292
24	0.333	0.325	0.318	0.310	0.299	0.289	0.279
25	0.316	0.310	0.302	0.294	0.286	0.275	0.264
26	0.302	0.296	0.288	0.282	0.273	0.262	0.254
27	0.286	0.280	0.274	0.268	0.260	0.251	0.239
28	0.271	0.268	0.262	0.253	0.247	0.238	0.229
29	0.257	0.254	0.248	0.241	0.235	0.226	0.216
30	0.244	0.241	0.234	0.228	0.221	0.215	0.205
31	0.232	0.225	0.222	0.215	0.208	0.202	0.200
32	0.217	0.213	0.210	0.203	0.200	0.200	
33	0.203	0.200	0.200	0.200			
34	0.200						
35							

**3.001.400 Other Generation Facilities–Depreciation Factors–50–100 MegaWatt Units (cont.)**

**Note:** If assessment year minus age of unit is greater than 35 then use 35

Age of Component	Generation Unit Depreciation Life						
	22	23	24	25	26	27	28
0	0.750	0.750	0.750	0.750	0.750	0.750	0.750
1	0.750	0.750	0.750	0.750	0.750	0.750	0.750
2	0.750	0.750	0.750	0.750	0.750	0.750	0.750
3	0.750	0.750	0.750	0.750	0.750	0.750	0.732
4	0.750	0.750	0.741	0.724	0.705	0.684	0.658
5	0.717	0.703	0.688	0.669	0.649	0.624	0.596
6	0.673	0.658	0.641	0.621	0.599	0.573	0.544
7	0.633	0.617	0.599	0.578	0.555	0.529	0.498
8	0.597	0.580	0.561	0.540	0.517	0.489	0.459
9	0.563	0.547	0.527	0.505	0.482	0.455	0.424
10	0.533	0.515	0.496	0.474	0.450	0.423	0.393
11	0.504	0.487	0.468	0.447	0.423	0.396	0.366
12	0.479	0.461	0.442	0.421	0.397	0.370	0.341
13	0.456	0.438	0.418	0.396	0.373	0.347	0.318
14	0.433	0.415	0.396	0.375	0.351	0.326	0.298
15	0.411	0.394	0.375	0.354	0.332	0.306	0.279
16	0.391	0.374	0.356	0.335	0.313	0.289	0.262
17	0.372	0.356	0.338	0.318	0.296	0.272	0.247
18	0.355	0.340	0.320	0.301	0.280	0.257	0.232
19	0.339	0.322	0.306	0.286	0.265	0.243	0.219
20	0.322	0.307	0.290	0.273	0.251	0.230	0.206
21	0.308	0.292	0.276	0.258	0.238	0.218	0.200
22	0.293	0.279	0.262	0.246	0.227	0.205	
23	0.280	0.265	0.250	0.233	0.215	0.200	
24	0.266	0.253	0.237	0.222	0.204		
25	0.253	0.240	0.227	0.210	0.200		
26	0.240	0.229	0.215	0.201			
27	0.230	0.216	0.204	0.200			
28	0.217	0.207	0.200				
29	0.207	0.200					
30	0.200						

**3.001.400 Other Generation Facilities–Depreciation Factors–50–100 MegaWatt Units (cont.)**

**Note:** If assessment year minus age of unit is greater than 35 then use 35

Age of Component	Generation Unit Depreciation Life						
	29	30	31	32	33	34	35
0	0.750	0.750	0.750	0.750	0.750	0.750	0.632
1	0.750	0.750	0.750	0.750	0.750	0.750	0.632
2	0.750	0.750	0.743	0.697	0.631	0.527	0.339
3	0.705	0.672	0.629	0.574	0.498	0.388	0.214
4	0.627	0.590	0.543	0.484	0.406	0.299	0.200
5	0.563	0.523	0.475	0.414	0.338	0.237	
6	0.509	0.468	0.419	0.360	0.286	0.200	
7	0.463	0.422	0.374	0.316	0.246		
8	0.423	0.383	0.336	0.280	0.212		
9	0.389	0.349	0.303	0.249	0.200		
10	0.358	0.320	0.275	0.223			
11	0.331	0.293	0.250	0.200			
12	0.308	0.270	0.228				
13	0.286	0.249	0.209				
14	0.266	0.231	0.200				
15	0.249	0.215					
16	0.233	0.200					
17	0.218						
18	0.203						
19	0.200						
20							

**3.001.500 Other Generation Facilities–Depreciation Factors–Greater than 100 MegaWatt Units**

**Note:** If assessment year minus age of unit is greater than 40 then use 40

Age of Component	Generation Unit Depreciation Life						
	1	2	3	4	5	6	7
0	0.750	0.750	0.750	0.750	0.750	0.750	0.750
1	0.750	0.750	0.750	0.750	0.750	0.750	0.750
2	0.750	0.750	0.750	0.750	0.750	0.750	0.750
3	0.750	0.750	0.750	0.750	0.750	0.750	0.750
4	0.750	0.750	0.750	0.750	0.750	0.750	0.750
5	0.750	0.750	0.750	0.750	0.750	0.750	0.750
6	0.750	0.750	0.750	0.750	0.750	0.750	0.750
7	0.750	0.750	0.750	0.750	0.750	0.750	0.750
8	0.750	0.750	0.750	0.750	0.750	0.750	0.750
9	0.750	0.750	0.750	0.750	0.750	0.750	0.750
10	0.749	0.746	0.743	0.740	0.736	0.731	0.727
11	0.729	0.725	0.722	0.718	0.715	0.710	0.705
12	0.709	0.705	0.702	0.698	0.694	0.690	0.685
13	0.689	0.687	0.682	0.678	0.674	0.670	0.665
14	0.670	0.667	0.663	0.660	0.656	0.651	0.647
15	0.652	0.649	0.646	0.641	0.636	0.632	0.627
16	0.635	0.632	0.628	0.623	0.620	0.615	0.610
17	0.619	0.615	0.610	0.606	0.603	0.597	0.592
18	0.602	0.598	0.594	0.590	0.586	0.580	0.577
19	0.585	0.581	0.577	0.573	0.569	0.565	0.558
20	0.569	0.567	0.562	0.558	0.554	0.550	0.543
21	0.554	0.551	0.547	0.542	0.538	0.533	0.529
22	0.539	0.534	0.532	0.527	0.522	0.518	0.513
23	0.525	0.520	0.517	0.512	0.507	0.505	0.500
24	0.509	0.506	0.504	0.499	0.493	0.491	0.486
25	0.496	0.493	0.488	0.485	0.480	0.477	0.472
26	0.481	0.478	0.475	0.470	0.467	0.464	0.459
27	0.470	0.464	0.461	0.458	0.455	0.449	0.446
28	0.456	0.452	0.449	0.443	0.440	0.437	0.431
29	0.442	0.439	0.436	0.433	0.429	0.423	0.420
30	0.429	0.426	0.422	0.419	0.416	0.413	0.409
31	0.416	0.413	0.410	0.406	0.403	0.399	0.396
32	0.404	0.401	0.397	0.394	0.390	0.387	0.383
33	0.392	0.389	0.385	0.382	0.382	0.378	0.371
34	0.381	0.377	0.374	0.370	0.370	0.366	0.362
35	0.366	0.366	0.362	0.359	0.359	0.355	0.351
36	0.356	0.352	0.352	0.348	0.344	0.344	0.340
37	0.346	0.342	0.342	0.338	0.334	0.334	0.329
38	0.332	0.332	0.328	0.328	0.324	0.319	0.319
39	0.322	0.318	0.318	0.314	0.314	0.310	0.306
40	0.309	0.309	0.309	0.305	0.300	0.300	0.296
41	0.301	0.296	0.296	0.296	0.292	0.292	0.287
42	0.288	0.288	0.288	0.283	0.283	0.279	0.279
43	0.280	0.275	0.275	0.275	0.271	0.271	0.266
44	0.268	0.268	0.263	0.263	0.263	0.258	0.258
45	0.256	0.256	0.256	0.256	0.251	0.251	0.246
46	0.249	0.249	0.244	0.244	0.244	0.239	0.239
47	0.238	0.238	0.238	0.233	0.233	0.233	0.228
48	0.227	0.227	0.227	0.227	0.221	0.221	0.221
49	0.221	0.216	0.216	0.216	0.216	0.210	0.210
50	0.210	0.210	0.205	0.205	0.205	0.205	0.205
51	0.200	0.200	0.200	0.200	0.200	0.200	0.200



**3.001.500 Other Generation Facilities—Depreciation Factors—Greater than 100 MegaWatt Units (cont.)**

**Note:** If assessment year minus age of unit is greater than 40 then use 40

Age of Component	Generation Unit Depreciation Life						
	8	9	10	11	12	13	14
0	0.750	0.750	0.750	0.750	0.750	0.750	0.750
1	0.750	0.750	0.750	0.750	0.750	0.750	0.750
2	0.750	0.750	0.750	0.750	0.750	0.750	0.750
3	0.750	0.750	0.750	0.750	0.750	0.750	0.750
4	0.750	0.750	0.750	0.750	0.750	0.750	0.750
5	0.750	0.750	0.750	0.750	0.750	0.750	0.750
6	0.750	0.750	0.750	0.750	0.750	0.750	0.750
7	0.750	0.750	0.750	0.750	0.750	0.750	0.750
8	0.750	0.750	0.750	0.750	0.750	0.746	0.740
9	0.746	0.741	0.736	0.732	0.726	0.720	0.714
10	0.723	0.718	0.714	0.707	0.702	0.696	0.690
11	0.701	0.696	0.691	0.686	0.679	0.673	0.666
12	0.680	0.675	0.670	0.664	0.657	0.651	0.645
13	0.660	0.655	0.649	0.644	0.637	0.630	0.623
14	0.641	0.636	0.630	0.624	0.617	0.611	0.603
15	0.622	0.617	0.611	0.604	0.598	0.592	0.584
16	0.604	0.599	0.592	0.587	0.581	0.574	0.565
17	0.586	0.581	0.575	0.570	0.563	0.555	0.548
18	0.571	0.565	0.559	0.553	0.546	0.538	0.530
19	0.554	0.548	0.542	0.536	0.530	0.522	0.516
20	0.539	0.532	0.526	0.522	0.513	0.507	0.500
21	0.524	0.517	0.513	0.506	0.499	0.493	0.484
22	0.508	0.503	0.496	0.492	0.484	0.477	0.470
23	0.495	0.488	0.483	0.478	0.470	0.463	0.456
24	0.480	0.475	0.470	0.462	0.457	0.449	0.442
25	0.466	0.461	0.456	0.450	0.442	0.437	0.429
26	0.453	0.447	0.442	0.436	0.431	0.425	0.417
27	0.440	0.435	0.429	0.423	0.417	0.411	0.405
28	0.428	0.422	0.416	0.413	0.407	0.398	0.392
29	0.417	0.411	0.404	0.401	0.395	0.389	0.379
30	0.403	0.400	0.393	0.387	0.383	0.377	0.371
31	0.393	0.386	0.383	0.376	0.369	0.366	0.359
32	0.380	0.376	0.369	0.366	0.359	0.356	0.349
33	0.367	0.364	0.360	0.353	0.349	0.342	0.339
34	0.359	0.351	0.348	0.344	0.337	0.333	0.326
35	0.347	0.343	0.340	0.332	0.328	0.321	0.317
36	0.336	0.332	0.328	0.324	0.317	0.313	0.309
37	0.326	0.321	0.317	0.313	0.309	0.301	0.297
38	0.315	0.311	0.307	0.303	0.299	0.295	0.286
39	0.306	0.301	0.297	0.293	0.289	0.284	0.280
40	0.296	0.292	0.287	0.283	0.279	0.274	0.270
41	0.283	0.283	0.278	0.274	0.269	0.265	0.261
42	0.274	0.270	0.270	0.265	0.261	0.256	0.251
43	0.266	0.261	0.257	0.257	0.252	0.247	0.243
44	0.254	0.254	0.249	0.244	0.244	0.239	0.234
45	0.246	0.241	0.241	0.236	0.231	0.231	0.227
46	0.234	0.234	0.229	0.229	0.224	0.219	0.219
47	0.228	0.223	0.223	0.217	0.217	0.212	0.207
48	0.216	0.216	0.216	0.211	0.206	0.206	0.201
49	0.210	0.205	0.205	0.205	0.200	0.200	0.200
50	0.200	0.200	0.200	0.200			

**3.001.500 Other Generation Facilities–Depreciation Factors–Greater than 100 MegaWatt Units (cont.)**

**Note:** If assessment year minus age of unit is greater than 40 then use 40

Age of Component	Generation Unit Depreciation Life						
	15	16	17	18	19	20	21
0	0.750	0.750	0.750	0.750	0.750	0.750	0.750
1	0.750	0.750	0.750	0.750	0.750	0.750	0.750
2	0.750	0.750	0.750	0.750	0.750	0.750	0.750
3	0.750	0.750	0.750	0.750	0.750	0.750	0.750
4	0.750	0.750	0.750	0.750	0.750	0.750	0.750
5	0.750	0.750	0.750	0.750	0.750	0.750	0.750
6	0.750	0.750	0.750	0.750	0.750	0.750	0.750
7	0.750	0.750	0.748	0.741	0.734	0.725	0.716
8	0.734	0.727	0.720	0.712	0.704	0.695	0.685
9	0.707	0.700	0.692	0.685	0.676	0.666	0.656
10	0.682	0.675	0.667	0.658	0.650	0.639	0.629
11	0.659	0.651	0.643	0.634	0.625	0.614	0.604
12	0.637	0.628	0.621	0.612	0.602	0.591	0.580
13	0.615	0.607	0.599	0.589	0.579	0.570	0.557
14	0.595	0.587	0.578	0.569	0.559	0.549	0.537
15	0.576	0.568	0.558	0.549	0.539	0.528	0.517
16	0.558	0.550	0.540	0.531	0.521	0.509	0.499
17	0.541	0.532	0.523	0.514	0.503	0.492	0.481
18	0.523	0.515	0.505	0.496	0.486	0.474	0.463
19	0.508	0.499	0.489	0.479	0.469	0.459	0.447
20	0.492	0.483	0.474	0.464	0.455	0.444	0.432
21	0.477	0.468	0.459	0.450	0.438	0.429	0.418
22	0.463	0.454	0.444	0.435	0.425	0.416	0.404
23	0.448	0.441	0.431	0.421	0.411	0.401	0.391
24	0.434	0.426	0.418	0.408	0.398	0.387	0.377
25	0.421	0.413	0.404	0.396	0.386	0.375	0.364
26	0.408	0.403	0.391	0.383	0.374	0.363	0.352
27	0.397	0.388	0.382	0.373	0.362	0.353	0.341
28	0.386	0.377	0.368	0.362	0.353	0.341	0.331
29	0.373	0.367	0.357	0.348	0.342	0.329	0.320
30	0.364	0.354	0.348	0.338	0.328	0.322	0.309
31	0.352	0.346	0.336	0.329	0.319	0.309	0.299
32	0.342	0.335	0.328	0.317	0.310	0.300	0.290
33	0.331	0.324	0.317	0.306	0.299	0.292	0.281
34	0.322	0.315	0.307	0.300	0.289	0.281	0.274
35	0.309	0.306	0.298	0.290	0.283	0.271	0.264
36	0.301	0.293	0.289	0.282	0.274	0.266	0.254
37	0.293	0.285	0.277	0.269	0.265	0.257	0.245
38	0.282	0.274	0.270	0.262	0.253	0.245	0.237
39	0.272	0.267	0.259	0.255	0.246	0.238	0.229
40	0.266	0.257	0.253	0.244	0.240	0.231	0.222
41	0.256	0.252	0.243	0.238	0.229	0.225	0.216
42	0.247	0.242	0.238	0.229	0.224	0.215	0.210
43	0.238	0.233	0.229	0.219	0.215	0.210	0.201
44	0.230	0.225	0.220	0.215	0.206	0.201	0.200
45	0.222	0.217	0.212	0.207	0.202	0.200	
46	0.214	0.209	0.204	0.200	0.200		
47	0.207	0.202	0.200				
48	0.200	0.200					
49							
50							

**3.001.500 Other Generation Facilities—Depreciation Factors—Greater than 100 MegaWatt Units (cont.)**

**Note:** If assessment year minus age of unit is greater than 40 then use 40

Age of Component	Generation Unit Depreciation Life						
	22	23	24	25	26	27	28
0	0.750	0.750	0.750	0.750	0.750	0.750	0.750
1	0.750	0.750	0.750	0.750	0.750	0.750	0.750
2	0.750	0.750	0.750	0.750	0.750	0.750	0.750
3	0.750	0.750	0.750	0.750	0.750	0.750	0.750
4	0.750	0.750	0.750	0.750	0.750	0.750	0.750
5	0.750	0.750	0.750	0.750	0.738	0.724	0.710
6	0.741	0.731	0.721	0.708	0.696	0.681	0.665
7	0.707	0.696	0.684	0.672	0.658	0.642	0.625
8	0.675	0.663	0.651	0.638	0.623	0.606	0.588
9	0.645	0.634	0.620	0.606	0.591	0.575	0.556
10	0.618	0.605	0.592	0.578	0.562	0.544	0.526
11	0.592	0.580	0.566	0.551	0.535	0.517	0.499
12	0.569	0.555	0.541	0.527	0.510	0.493	0.474
13	0.545	0.533	0.519	0.504	0.487	0.469	0.450
14	0.525	0.511	0.497	0.482	0.465	0.448	0.428
15	0.504	0.491	0.477	0.462	0.445	0.427	0.408
16	0.485	0.473	0.458	0.442	0.427	0.410	0.390
17	0.468	0.456	0.441	0.425	0.408	0.392	0.374
18	0.451	0.438	0.424	0.409	0.392	0.376	0.357
19	0.434	0.422	0.408	0.394	0.377	0.359	0.341
20	0.421	0.406	0.393	0.378	0.363	0.346	0.327
21	0.405	0.393	0.378	0.364	0.348	0.333	0.315
22	0.392	0.378	0.366	0.350	0.335	0.319	0.302
23	0.379	0.366	0.352	0.337	0.322	0.307	0.290
24	0.367	0.354	0.341	0.325	0.310	0.294	0.279
25	0.353	0.342	0.329	0.316	0.299	0.283	0.267
26	0.341	0.330	0.316	0.304	0.288	0.273	0.257
27	0.330	0.318	0.306	0.292	0.277	0.262	0.248
28	0.319	0.307	0.295	0.283	0.268	0.253	0.238
29	0.310	0.298	0.285	0.273	0.260	0.244	0.229
30	0.299	0.289	0.276	0.263	0.250	0.234	0.221
31	0.289	0.279	0.265	0.255	0.242	0.228	0.212
32	0.279	0.269	0.259	0.245	0.231	0.220	0.203
33	0.271	0.260	0.249	0.239	0.224	0.210	0.200
34	0.263	0.252	0.241	0.230	0.215	0.204	
35	0.252	0.245	0.233	0.222	0.211	0.200	
36	0.246	0.235	0.227	0.215	0.203		
37	0.237	0.229	0.217	0.205	0.200		
38	0.229	0.220	0.208	0.200			
39	0.221	0.212	0.204				
40	0.214	0.205	0.200				
41	0.207	0.200					
42	0.201						
43	0.200						
44							
45							

**3.001.500 Other Generation Facilities–Depreciation Factors–Greater than 100 MegaWatt Units (cont.)**

**Note:** If assessment year minus age of unit is greater than 40 then use 40

Age of Component	Generation Unit Depreciation Life						
	29	30	31	32	33	34	35
0	0.750	0.750	0.750	0.750	0.750	0.750	0.750
1	0.750	0.750	0.750	0.750	0.750	0.750	0.750
2	0.750	0.750	0.750	0.750	0.750	0.750	0.750
3	0.750	0.750	0.750	0.750	0.734	0.707	0.674
4	0.746	0.729	0.710	0.687	0.661	0.630	0.592
5	0.693	0.674	0.653	0.628	0.600	0.566	0.525
6	0.647	0.627	0.604	0.578	0.548	0.512	0.471
7	0.606	0.585	0.560	0.533	0.502	0.467	0.425
8	0.569	0.547	0.522	0.494	0.463	0.427	0.385
9	0.535	0.513	0.489	0.460	0.429	0.393	0.352
10	0.506	0.483	0.458	0.429	0.398	0.363	0.323
11	0.478	0.455	0.429	0.402	0.371	0.336	0.297
12	0.452	0.429	0.404	0.376	0.346	0.312	0.274
13	0.429	0.407	0.381	0.354	0.325	0.291	0.253
14	0.407	0.385	0.361	0.333	0.304	0.271	0.235
15	0.388	0.365	0.341	0.316	0.285	0.254	0.218
16	0.369	0.347	0.323	0.298	0.269	0.238	0.204
17	0.352	0.330	0.307	0.281	0.254	0.223	0.200
18	0.338	0.315	0.292	0.267	0.240	0.211	
19	0.322	0.300	0.278	0.253	0.227	0.200	
20	0.307	0.288	0.264	0.241	0.215		
21	0.294	0.274	0.251	0.229	0.204		
22	0.283	0.262	0.241	0.217	0.200		
23	0.270	0.250	0.230	0.208			
24	0.261	0.240	0.219	0.200			
25	0.248	0.229	0.210				
26	0.240	0.220	0.201				
27	0.230	0.210	0.200				
28	0.220	0.201					
29	0.213	0.200					
30	0.205						
31	0.200						
32							
33							
34							
35							

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**3.001.500 Other Generation Facilities–Depreciation Factors–Greater than 100 MegaWatt Units (cont.)**

**Note:** If assessment year minus age of unit is greater than 40 then use 40

Age of Component	Generation Unit Depreciation Life				
	36	37	38	39	40
0	0.750	0.750	0.750	0.750	0.633
1	0.750	0.750	0.750	0.750	0.633
2	0.744	0.698	0.632	0.528	0.339
3	0.631	0.575	0.499	0.388	0.214
4	0.545	0.485	0.406	0.299	0.200
5	0.476	0.416	0.339	0.238	
6	0.422	0.361	0.287	0.200	
7	0.376	0.317	0.246		
8	0.338	0.281	0.213		
9	0.305	0.250	0.200		
10	0.277	0.225			
11	0.253	0.202			
12	0.231	0.200			
13	0.212				
14	0.200				
15					

**3.002 STREET LIGHTING**

The depreciation factor for street lighting is 0.75.

**3.003 TELECOMMUNICATION SYSTEMS DEPRECIATION FACTORS**

**3.003.100 Telephone Systems**

The depreciation factor for telephone systems is 0.75.

**3.003.200 Cable Television Systems**

The depreciation factor for cable television systems is 0.75.

**3.004 PIPELINE DEPRECIATION FACTORS**

The depreciation factor for pipeline is 0.75.

**4.000 SCHEDULE D—ADDITIONAL DEPRECIATION**

The additional depreciation for Linear Property described in Schedule C, as specified in Schedule D, is exhaustive. No further additional depreciation is to be given by the assessors.

**4.001 ELECTRIC POWER SYSTEMS DEPRECIATION FACTORS**

For generation plants and substations the assessor may adjust for additional depreciation provided acceptable evidence of loss exists.

**4.002 TELECOMMUNICATION SYSTEMS DEPRECIATION FACTORS**

**4.002.100 Cable Television Systems**

**Service Drops, Transmission and Distribution Line**

Additional depreciation of cable television systems shall be determined using the table and formula below.

Penetration Rate	Depreciation Factor
80 and above	<b>1.00</b>
75 to 79.99	<b>0.95</b>
70 to 74.99	<b>0.90</b>
65 to 69.99	<b>0.85</b>
60 to 64.99	<b>0.80</b>
55 to 59.99	<b>0.75</b>
50 to 54.99	<b>0.70</b>
45 to 49.99	<b>0.65</b>
40 to 44.99	<b>0.60</b>
35 to 39.99	<b>0.55</b>
Under 35	<b>0.50</b>

**Note:** Formula to Determine Penetration Rate Percentage =  
 (total operational services divided by total services per cable system) X 100

**4.003 PIPELINE (PL)**

**4.003.100 Pipe**

Additional depreciation of pipe shall be determined using the table below.

Code	Description	Depreciation Factor
<b>W</b>	Pipe that has a from facility code WE and the from location is within an LSD that has a Non Producing Well	<b>0.10</b>
<b>D</b>	Discontinued	<b>0.10</b>
<b>B</b>	Pipe Constructed prior to 1940*	<b>0.50</b>

\*Status declared by each company.

#### 4.003.200 Single-Zone and Multi-Zone Wells

Additional depreciation for a well shall be determined using the table below. The operational data of a well is compiled for the period of 12 months before October 31 of the assessment year as determined on the record at Alberta Energy and Utilities Board.

**Additional Depreciation Factor Table**

Code	Single-Zone and Multi-Zone Wells	Depreciation Factor
	Non-producing well	<b>0.10</b>
	Suspended well*	<b>0.10</b>
	Operational Oil well thru-put >477 m <sup>3</sup>	<b>1.00</b>
	Operational Oil well thru-put >397 – 477 m <sup>3</sup>	<b>0.86</b>
	Operational Oil well thru-put >318 - 397 m <sup>3</sup>	<b>0.72</b>
	Operational Oil well thru-put >238 - 318 m <sup>3</sup>	<b>0.57</b>
	Operational Oil well thru-put >159 - 238 m <sup>3</sup>	<b>0.43</b>
	Operational Oil well thru-put >79 - 159 m <sup>3</sup>	<b>0.29</b>
	Operational Oil well thru-put 1 - 79 m <sup>3</sup>	<b>0.15</b>
	Operational Gas well thru-put >507 10 <sup>3</sup> m <sup>3</sup>	<b>1.00</b>
	Operational Gas well thru-put >423 – 507 10 <sup>3</sup> m <sup>3</sup>	<b>0.86</b>
	Operational Gas well thru-put >282 – 423 10 <sup>3</sup> m <sup>3</sup>	<b>0.62</b>
	Operational Gas well thru-put >141 – 282 10 <sup>3</sup> m <sup>3</sup>	<b>0.39</b>
	Operational Gas well thru-put 1 – 141 10 <sup>3</sup> m <sup>3</sup>	<b>0.15</b>
	Operational Pool Code 0158 well thru-put >183 10 <sup>3</sup> m <sup>3</sup>	<b>1.00</b>
	Operational Pool Code 0158 well thru-put >142 – 183 10 <sup>3</sup> m <sup>3</sup>	<b>0.86</b>
	Operational Pool Code 0158 well thru-put >86 – 142 10 <sup>3</sup> m <sup>3</sup>	<b>0.62</b>
	Operational Pool Code 0158 well thru-put >29 – 86 10 <sup>3</sup> m <sup>3</sup>	<b>0.39</b>
	Operational Pool Code 0158 well thru-put 1 – 29 10 <sup>3</sup> m <sup>3</sup>	<b>0.15</b>
	Injection/Disposal/Storage well operating >720 hrs	<b>1.00</b>
	Injection/Disposal/Storage well operating >599 – 720 hrs	<b>0.86</b>
	Injection/Disposal/Storage well operating >359 – 599 hrs	<b>0.72</b>
	Injection/Disposal/Storage well operating >139 – 359 hrs	<b>0.49</b>
	Injection/Disposal/Storage well operating 1 – 139 hrs	<b>0.15</b>
	Water Source/Supply well operating >720 hrs	<b>1.00</b>
	Water Source/Supply well operating >599 – 720 hrs	<b>0.86</b>
	Water Source/Supply well operating >359 – 599 hrs	<b>0.72</b>
	Water Source/Supply well operating >139 – 359 hrs	<b>0.49</b>
	Water Source/Supply well operating 1 – 139 hrs	<b>0.15</b>

\*Apply factor to operating well type prior to suspended status occurring.

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**5.000 SCHEDULE E–WELL SITE LAND (WS)**

The assessed value for well site land shall be as prescribed in the table.

<b>Geographic Boundary Description</b>	<b>Assessment Amount Per Well (\$)</b>
(WS) All locations	<b>1 460</b>