

Unbundled Dark Fiber Rate Comparison

Docket 01-0662
 Wardin Surrebuttal Affidavit
 Schedule WKW-4

Recurring Illinois/Massachussets Comparison	Illinois	Mass	Variance	% Variance
Dark Fiber Mileage				
Loop (per strand per foot)	\$0.00208	\$0.00619	-\$0.00411	-66.41%
C.O. Orig. Subloop (per strand per foot)	\$0.00208	\$0.00619	-\$0.00411	-66.41%
Non-C.O. Orig. Subloop (per strand per foot)	\$0.00208	\$0.00619	-\$0.00411	-66.41%
Interoffice (per strand per foot)	\$0.00179	\$0.00619	-\$0.00440	-71.10%
<p>Massachusetts rates from DTE MA No. 17, Miscellaneous Network Services, Part M Section 2, Page 27 MA rates are base on per pair per 1/10 mile therefore the MA rate was divided by 2 to get to one fiber strand and by 528 (1/10 mile in feet) to arrive at a per strand per foot figure to compare to the IL rate.</p>				
Recurring Illinios/New York Comparison	Illinois	New York	Variance	% Variance
Dark Fiber Mileage				
Loop (per strand per foot)	\$0.00208	\$0.00531	-\$0.00323	-60.83%
C.O. Orig. Subloop (per strand per foot)	\$0.00208	\$0.00691	-\$0.00483	-69.91%
Non-C.O. Orig. Subloop (per strand per foot)	\$0.00208	\$0.00691	-\$0.00483	-69.91%
Interoffice (per strand per foot)	\$0.00179	\$0.00551	-\$0.00372	-67.52%
<p>New York rates from PSC NY No. 10, Network Elements, Section 5 Page 218 NY dark fiber loop rates are based on per fiber pair per quarter mile therefore the NY rate was divided by 2 to get to one fiber strand and by 1320 (1/4 mile in feet) to arrive at a per strand per foot figure to compare to the IL rate. NY dark interoffice loop rates are based on per fiber pair per mile therefore the NY rate was divided by 2 to get to one fiber strand and by 5280 (mile in feet) to arrive at a per strand per foot figure to compare to the IL rate.</p>				
Recurring Illinois/Pennsylvania	Illinois	Penn	Variance	% Variance
Dark Fiber Mileage				
Loop (per strand per foot) - Zone 1	\$0.00208	\$0.00334	-\$0.00126	-37.79%
Loop (per strand per foot) - Zone 2	\$0.00208	\$0.00412	-\$0.00204	-49.47%
Loop (per strand per foot) - Zone 3	\$0.00208	\$0.00362	-\$0.00154	-42.48%
Loop (per strand per foot) - Zone 4	\$0.00208	\$0.00328	-\$0.00120	-36.68%
C.O. Orig. Subloop (per strand per foot)	\$0.00208	N/A	N/A	N/A
Non-C.O. Orig. Subloop (per strand per foot)	\$0.00208	N/A	N/A	N/A
Interoffice (per strand per foot)	\$0.00179	\$0.00499	-\$0.00320	-64.13%
<p>PA rates from P.U.C. No. 216, Services for other Telephone Companies, Unbundled Services, Section 3 Sheet 15 PA dark fiber loop rates are based on per fiber pair there fore the PA rate in zone 1-4 was divided by 2 to get to one fiber strand and in Zone 1 by 5280 (mile in feet), in Zone 2 by 7920 (11/2 miles in feet), in Zone 3 by 13,200 (21/2 miles in feet), and in Zone 4 by 18,480(3/12 miles in feet) to arrive at a per strand per foot figure to compare to the IL rate -- the PA actual average loop lengths are probably shorter than used in this analysis and therefore the cost per fiber foot are understated. PA dark interoffice loop rates are based on per fiber pair per mile therefore the PA rate was divided by 2 to get to one fiber strand and by 5280 (mile in feet) to arrive at a per strand per foot figure to compare to the IL rate.</p>				
Recurring Illinois/Georgia Comparison	Illinois	Georgia	Variance	% Variance
Dark Fiber Mileage				
Loop (per strand per foot)	\$0.00208	\$0.00209	-\$0.00001	-0.66%
C.O. Orig. Subloop (per strand per foot)	\$0.00208	\$0.00209	-\$0.00001	-0.66%
Non-C.O. Orig. Subloop (per strand per foot)	\$0.00208	\$0.00209	-\$0.00001	-0.66%
Interoffice (per strand per foot)	\$0.00179	\$0.00209	-\$0.00030	-14.51%
<p>Georgia rates from BellSouth Standard Interconnection Agreement, updated 2-28-03 at page 100 of 420 of the pricing attachment GA dark rates are based on four fiber strands per mile therefore the GA rate was divided by 4 to get to one fiber strand and by 5280 (mile in feet) to arrive at a per strand per foot figure to compare to the IL rate.</p>				