

Quarter: 4th Quarter 2015  
4th Quarter 2015 Contribution Factor

Transmittal Number: TML 1321

(Replace ??? With the actual number; It will be populated on all forms.)

0.167

**(e = .167)**

Aug 2015 Access Lines

Verizon - East  
 Summary of FCC Waiver FUSF Rates  
 4th Quarter 2015

<u>Service Type</u>	<u>State/Area</u>	<u>Calculated FUSF Rate (a)</u>
Res	DC	\$ 0.67
Non-Primary Res	DC	0.67
Single Line Bus	DC	0.67
Multi Line Bus - Payphone	DC	1.04
BRI - ISDN	DC	1.39
PRI - ISDN	DC	13.62
Multi Line Bus - Other	DC	1.55
PBX Trunk w/o End User Port Charge	DC	1.55
PBX Trunk with End User Port Charge	DC	1.73
Centrex (>= 9 Lines )	DC *	0.12
Centrex ( 8 Lines )	DC *	0.14
Centrex ( 7 Lines )	DC *	0.16
Centrex ( 6 Lines )	DC *	0.18
Centrex ( 5 Lines )	DC *	0.22
Centrex ( 4 Lines )	DC *	0.27
Centrex ( 3 Lines )	DC *	0.36
Centrex ( 2 Lines )	DC *	0.54
Centrex ( 1 Line )	DC *	1.09
Note * : Centrex Verizon DC - First 1-9 lines (Flat Rate)	1.09	10 lines and over (per line) \$0.12
Res	MD	\$ 1.15
Non-Primary Res	MD	1.15
Single Line Bus	MD	1.15
Multi Line Bus - Payphone	MD	1.34
BRI - ISDN	MD	2.37
PRI - ISDN	MD	18.00
Multi Line Bus - Other	MD	2.27
PBX Trunk w/o End User Port Charge	MD	2.27
PBX Trunk with End User Port Charge	MD	2.47
Centrex (>= 9 Lines )	MD *	0.19
Centrex ( 8 Lines )	MD *	0.22
Centrex ( 7 Lines )	MD *	0.25
Centrex ( 6 Lines )	MD *	0.29
Centrex ( 5 Lines )	MD *	0.35
Centrex ( 4 Lines )	MD *	0.44
Centrex ( 3 Lines )	MD *	0.58
Centrex ( 2 Lines )	MD *	0.87
Centrex ( 1 Line )	MD *	1.74
Note * : Centrex Verizon MD - First 1-9 lines (Flat Rate)	1.74	10 lines and over (per line) 0.19
Res	VA	\$ 1.02
Non-Primary Res	VA	1.02
Single Line Bus	VA	1.22
Multi Line Bus - Payphone	VA	1.41
BRI - ISDN	VA	1.95
PRI - ISDN	VA	16.90
Multi Line Bus - Other	VA	2.17
PBX Trunk w/o End User Port Charge	VA	2.17
PBX Trunk with End User Port Charge	VA	2.35
Centrex (>= 9 Lines )	VA *	0.19
Centrex ( 8 Lines )	VA *	0.21
Centrex ( 7 Lines )	VA *	0.24
Centrex ( 6 Lines )	VA *	0.28
Centrex ( 5 Lines )	VA *	0.34
Centrex ( 4 Lines )	VA *	0.42
Centrex ( 3 Lines )	VA *	0.56
Centrex ( 2 Lines )	VA *	0.85
Centrex ( 1 Line )	VA *	1.69
Note * : Centrex Verizon VA - First 1-9 lines (Flat Rate)	1.69	10 lines and over (per line) 0.19

Verizon - East  
 Summary of FCC Waiver FUSF Rates  
 4th Quarter 2015

WP USF - 1  
 TML 1321

<u>Service Type</u>	<u>State/Area</u>	<u>Calculated FUSF Rate (a)</u>
Non-Primary Res	DE	1.28
Single Line Bus	DE	1.28
Multi Line Bus - Payphone	DE	1.47
BRI - ISDN	DE	2.82
PRI - ISDN	DE	20.78
Multi Line Bus - Other	DE	2.71
PBX Trunk w/o End User Port Charge	DE	2.71
PBX Trunk with End User Port Charge	DE	2.93
Centrex (>= 9 Lines )	DE	0.24
Centrex ( 8 Lines )	DE	0.27
Centrex ( 7 Lines )	DE	0.30
Centrex ( 6 Lines )	DE	0.36
Centrex ( 5 Lines )	DE	0.43
Centrex ( 4 Lines )	DE	0.53
Centrex ( 3 Lines )	DE	0.71
Centrex ( 2 Lines )	DE	1.07
Centrex ( 1 Line )	DE	2.13
Res	NJ	\$ 1.25
Non-Primary Res	NJ	1.25
Single Line Bus	NJ	1.25
Multi Line Bus - Payphone	NJ	1.45
BRI - ISDN	NJ	2.42
PRI - ISDN	NJ	17.88
Multi Line Bus - Other	NJ	2.32
PBX Trunk w/o End User Port Charge	NJ	2.32
PBX Trunk with End User Port Charge	NJ	2.51
Centrex (>= 9 Lines )	NJ	0.20
Centrex ( 8 Lines )	NJ	0.23
Centrex ( 7 Lines )	NJ	0.26
Centrex ( 6 Lines )	NJ	0.30
Centrex ( 5 Lines )	NJ	0.36
Centrex ( 4 Lines )	NJ	0.46
Centrex ( 3 Lines )	NJ	0.61
Centrex ( 2 Lines )	NJ	0.91
Centrex ( 1 Line )	NJ	1.82
Res	PA (P1)	\$ 1.18
Non-Primary Res	PA (P1)	1.18
Single Line Bus	PA (P1)	1.18
Multi Line Bus - Payphone	PA (P1)	1.38
BRI - ISDN	PA (P1)	2.69
PRI - ISDN	PA (P1)	20.29
Multi Line Bus - Other	PA (P1)	2.59
PBX Trunk w/o End User Port Charge	PA (P1)	2.59
PBX Trunk with End User Port Charge	PA (P1)	2.80
Centrex (>= 9 Lines )	PA (P1)	0.22
Centrex ( 8 Lines )	PA (P1)	0.25
Centrex ( 7 Lines )	PA (P1)	0.28
Centrex ( 6 Lines )	PA (P1)	0.33
Centrex ( 5 Lines )	PA (P1)	0.40
Centrex ( 4 Lines )	PA (P1)	0.50
Centrex ( 3 Lines )	PA (P1)	0.66
Centrex ( 2 Lines )	PA (P1)	1.00
Centrex ( 1 Line )	PA (P1)	1.99

Verizon - East  
 Summary of FCC Waiver FUSF Rates  
 4th Quarter 2015

WP USF - 1  
 TML 1321

<u>Service Type</u>	<u>State/Area</u>	<u>Calculated FUSF Rate (a)</u>
Res	NY	\$ 1.08
Non-Primary Res	NY	1.08
Single Line Bus	NY	1.27
Multi Line Bus - Payphone	NY	1.47
BRI - ISDN	NY	2.14
PRI - ISDN	NY	23.14
Multi Line Bus - Other	NY	2.26
PBX Trunk w/o End User Port Charge	NY	2.26
PBX Trunk with End User Port Charge	NY	2.57
Centrex (>= 9 Lines )	NY	0.20
Centrex ( 8 Lines )	NY	0.22
Centrex ( 7 Lines )	NY	0.25
Centrex ( 6 Lines )	NY	0.30
Centrex ( 5 Lines )	NY	0.35
Centrex ( 4 Lines )	NY	0.44
Centrex ( 3 Lines )	NY	0.59
Centrex ( 2 Lines )	NY	0.89
Centrex ( 1 Line )	NY	1.77
Res	NEW ENGLAND	\$ 1.27
Non-Primary Res	NEW ENGLAND	1.27
Single Line Bus	NEW ENGLAND	1.27
Multi Line Bus - Payphone	NEW ENGLAND	1.47
BRI - ISDN	NEW ENGLAND	2.66
PRI - ISDN	NEW ENGLAND	25.14
Multi Line Bus - Other	NEW ENGLAND	2.46
PBX Trunk w/o End User Port Charge	NEW ENGLAND	2.46
PBX Trunk with End User Port Charge	NEW ENGLAND	2.79
Centrex (>= 9 Lines )	NEW ENGLAND	0.21
Centrex ( 8 Lines )	NEW ENGLAND	0.24
Centrex ( 7 Lines )	NEW ENGLAND	0.27
Centrex ( 6 Lines )	NEW ENGLAND	0.32
Centrex ( 5 Lines )	NEW ENGLAND	0.38
Centrex ( 4 Lines )	NEW ENGLAND	0.48
Centrex ( 3 Lines )	NEW ENGLAND	0.64
Centrex ( 2 Lines )	NEW ENGLAND	0.96
Centrex ( 1 Line )	NEW ENGLAND	1.92
Res	CT	\$ 1.27
Non-Primary Res	CT	\$ 1.27
Single Line Bus	CT	\$ 1.27
Multi Line Bus - Payphone	CT	\$ 1.47
BRI - ISDN	CT	2.45
PRI - ISDN	CT	23.11
Multi Line Bus - Other	CT	2.26
PBX Trunk w/o End User Port Charge	CT	2.26
PBX Trunk with End User Port Charge	CT	2.57
Centrex (>= 9 Lines )	CT	0.20
Centrex ( 8 Lines )	CT	0.22
Centrex ( 7 Lines )	CT	0.25
Centrex ( 6 Lines )	CT	0.29
Centrex ( 5 Lines )	CT	0.35
Centrex ( 4 Lines )	CT	0.44
Centrex ( 3 Lines )	CT	0.59
Centrex ( 2 Lines )	CT	0.88
Centrex ( 1 Line )	CT	1.77







Verizon - East  
Calculation of FUSF Rates  
4th Quarter 2015

Service Type	Area	State	4th Quarter 2015 Contribution					
			(SLC)	(ARC)	(Port Chg)	Sum	Factor	USF Rate
			(a)	(b)	(c)	(d = a+b+c)	(e = .167)	(f = d x e)
Res, SL Bus	East - South	DC	3.89	0.15	N/A	4.04		0.67
Res, SL Bus	East - South	MD	5.69	1.17	N/A	6.86		1.15
Res, SL Bus	East - South	VA	6.11	1.17	N/A	7.28		1.22
Res, SL Bus	East - South	DE	6.47	1.17	N/A	7.64		1.28
Res, SL Bus	East - South	NJ	6.33	1.17	N/A	7.50		1.25
Res, SL Bus	East - South	PA	5.88	1.17	N/A	7.05		1.18
Non-Primary Res	East - South	DC	3.89	0.15	N/A	4.04		0.67
Non-Primary Res	East - South	MD	5.69	1.17	N/A	6.86		1.15
Non-Primary Res	East - South	VA	6.11	1.17	N/A	7.28		1.22
Non-Primary Res	East - South	DE	6.47	1.17	N/A	7.64		1.28
Non-Primary Res	East - South	NJ	6.33	1.17	N/A	7.50		1.25
Non-Primary Res	East - South	PA	5.88	1.17	N/A	7.05		1.18
Multi-Line Bus - Other	East - South	DC	3.89	2.36	N/A	6.25		1.04
Multi-Line Bus - Other	East - South	MD	5.69	2.36	N/A	8.05		1.34
Multi-Line Bus - Other	East - South	VA	6.11	2.36	N/A	8.47		1.41
Multi-Line Bus - Other	East - South	DE	6.47	2.36	N/A	8.83		1.47
Multi-Line Bus - Other	East - South	NJ	6.33	2.36	N/A	8.69		1.45
Multi-Line Bus - Other	East - South	PA	5.88	2.36	N/A	8.24		1.38
Multi-Line Bus - Payphone	East - South	DC	3.89	2.36	N/A	6.25		1.04
Multi-Line Bus - Payphone	East - South	MD	5.69	2.36	N/A	8.05		1.34
Multi-Line Bus - Payphone	East - South	VA	6.11	2.36	N/A	8.47		1.41
Multi-Line Bus - Payphone	East - South	DE	6.47	2.36	N/A	8.83		1.47
Multi-Line Bus - Payphone	East - South	NJ	6.33	2.36	N/A	8.69		1.45
Multi-Line Bus - Payphone	East - South	PA	5.88	2.36	N/A	8.24		1.38
BRI - ISDN	East - South	DC	3.89	0.15	1.52	5.56		0.93
BRI - ISDN	East - South	MD	5.69	1.17	1.52	8.38		1.40
BRI - ISDN	East - South	VA	6.11	0	1.52	7.63		1.27
BRI - ISDN	East - South	DE	6.47	1.17	1.52	9.16		1.53
BRI - ISDN	East - South	NJ	6.33	1.17	1.52	9.02		1.51
BRI - ISDN	East - South	PA	5.88	1.17	1.52	8.57		1.43
PRI - ISDN	East - South	DC	19.45	11.80	23.43	54.68		9.13
PRI - ISDN	East - South	MD	28.45	11.80	23.43	63.68		10.63
PRI - ISDN	East - South	VA	30.55	11.80	23.43	65.78		10.99
PRI - ISDN	East - South	DE	32.35	11.80	23.43	67.58		11.29
PRI - ISDN	East - South	NJ	31.65	11.80	23.43	66.88		11.17
PRI - ISDN	East - South	PA	29.40	11.80	23.43	64.63		10.79
PBX Trunks w/o End User Port Charge	East - South	DC	3.89	2.36	N/A	6.25		1.04
PBX Trunks w/o End User Port Charge	East - South	MD	5.69	2.36	N/A	8.05		1.34
PBX Trunks w/o End User Port Charge	East - South	VA	6.11	2.36	N/A	8.47		1.41
PBX Trunks w/o End User Port Charge	East - South	DE	6.47	2.36	N/A	8.83		1.47
PBX Trunks w/o End User Port Charge	East - South	NJ	6.33	2.36	N/A	8.69		1.45
PBX Trunks w/o End User Port Charge	East - South	PA	5.88	2.36	N/A	8.24		1.38



Verizon - East  
Calculation of FUSF Rates  
4th Quarter 2015

Service Type	Area	State	4th Quarter 2015 Contribution					
			(SLC)	(ARC)	(Port Chg)	Sum	Factor	USF Rate
			(a)	(b)	(c)	(d = a+b+c)	(e = .167)	(f = d x e)
PBX Trunks with End User Port Charge (DID)	East - South	DC	3.89	2.36	0.70	6.95	1.16	
PBX Trunks with End User Port Charge (DID)	East - South	MD	5.69	2.36	0.70	8.75	1.46	
PBX Trunks with End User Port Charge (DID)	East - South	VA	6.11	2.36	0.70	9.17	1.53	
PBX Trunks with End User Port Charge (DID)	East - South	DE	6.47	2.36	0.70	9.53	1.59	
PBX Trunks with End User Port Charge (DID)	East - South	NJ	6.33	2.36	0.70	9.39	1.57	
PBX Trunks with End User Port Charge (DID)	East - South	PA	5.88	2.36	0.70	8.94	1.49	
Centrex (>= 9 Lines )	East - South	DC	3.89	0.47	N/A	4.36	0.73	
Centrex ( 8 Lines )	East - South	DC	3.89	0.47	N/A	4.36	0.73	
Centrex ( 7 Lines )	East - South	DC	3.89	0.47	N/A	4.36	0.73	
Centrex ( 6 Lines )	East - South	DC	3.89	0.47	N/A	4.36	0.73	
Centrex ( 5 Lines )	East - South	DC	3.89	0.47	N/A	4.36	0.73	
Centrex ( 4 Lines )	East - South	DC	3.89	0.47	N/A	4.36	0.73	
Centrex ( 3 Lines )	East - South	DC	3.89	0.47	N/A	4.36	0.73	
Centrex ( 2 Lines )	East - South	DC	3.89	0.47	N/A	4.36	0.73	
Centrex ( 1 Line )	East - South	DC	3.89	0.47	N/A	4.36	0.73	
Centrex (>= 9 Lines )	East - South	MD	5.69	0.47	N/A	6.16	1.03	
Centrex ( 8 Lines )	East - South	MD	5.69	0.47	N/A	6.16	1.03	
Centrex ( 7 Lines )	East - South	MD	5.69	0.47	N/A	6.16	1.03	
Centrex ( 6 Lines )	East - South	MD	5.69	0.47	N/A	6.16	1.03	
Centrex ( 5 Lines )	East - South	MD	5.69	0.47	N/A	6.16	1.03	
Centrex ( 4 Lines )	East - South	MD	5.69	0.47	N/A	6.16	1.03	
Centrex ( 3 Lines )	East - South	MD	5.69	0.47	N/A	6.16	1.03	
Centrex ( 2 Lines )	East - South	MD	5.69	0.47	N/A	6.16	1.03	
Centrex ( 1 Line )	East - South	MD	5.69	0.47	N/A	6.16	1.03	
Centrex (>= 9 Lines )	East - South	VA	6.11	0.47	N/A	6.58	1.10	
Centrex ( 8 Lines )	East - South	VA	6.11	0.47	N/A	6.58	1.10	
Centrex ( 7 Lines )	East - South	VA	6.11	0.47	N/A	6.58	1.10	
Centrex ( 6 Lines )	East - South	VA	6.11	0.47	N/A	6.58	1.10	
Centrex ( 5 Lines )	East - South	VA	6.11	0.47	N/A	6.58	1.10	
Centrex ( 4 Lines )	East - South	VA	6.11	0.47	N/A	6.58	1.10	
Centrex ( 3 Lines )	East - South	VA	6.11	0.47	N/A	6.58	1.10	
Centrex ( 2 Lines )	East - South	VA	6.11	0.47	N/A	6.58	1.10	
Centrex ( 1 Line )	East - South	VA	6.11	0.47	N/A	6.58	1.10	
Centrex (>= 9 Lines )	East - South	DE	6.47	0.47	N/A	6.94	1.16	
Centrex ( 8 Lines )	East - South	DE	6.47	0.47	N/A	6.94	1.16	
Centrex ( 7 Lines )	East - South	DE	6.47	0.47	N/A	6.94	1.16	
Centrex ( 6 Lines )	East - South	DE	6.47	0.47	N/A	6.94	1.16	
Centrex ( 5 Lines )	East - South	DE	6.47	0.47	N/A	6.94	1.16	
Centrex ( 4 Lines )	East - South	DE	6.47	0.47	N/A	6.94	1.16	
Centrex ( 3 Lines )	East - South	DE	6.47	0.47	N/A	6.94	1.16	
Centrex ( 2 Lines )	East - South	DE	6.47	0.47	N/A	6.94	1.16	
Centrex ( 1 Line )	East - South	DE	6.47	0.47	N/A	6.94	1.16	
Centrex (>= 9 Lines )	East - South	NJ	6.33	0.47	N/A	6.80	1.14	
Centrex ( 8 Lines )	East - South	NJ	6.33	0.47	N/A	6.80	1.14	
Centrex ( 7 Lines )	East - South	NJ	6.33	0.47	N/A	6.80	1.14	
Centrex ( 6 Lines )	East - South	NJ	6.33	0.47	N/A	6.80	1.14	
Centrex ( 5 Lines )	East - South	NJ	6.33	0.47	N/A	6.80	1.14	
Centrex ( 4 Lines )	East - South	NJ	6.33	0.47	N/A	6.80	1.14	
Centrex ( 3 Lines )	East - South	NJ	6.33	0.47	N/A	6.80	1.14	
Centrex ( 2 Lines )	East - South	NJ	6.33	0.47	N/A	6.80	1.14	

Verizon - East  
Calculation of FUSF Rates  
4th Quarter 2015

Service Type	Area	State	(SLC)	(ARC)	(Port Chg)	Sum	4th Quarter 2015	USF Rate
							Contribution	
			(a)	(b)	(c)	(d = a+b+c)	(e = .167)	(f = d x e)
Centrex ( 1 Line )	East - South	NJ	6.33	0.47	N/A	6.80		1.14
Centrex (>= 9 Lines )	East - South	PA	5.88	0.47	N/A	6.35		1.06
Centrex ( 8 Lines )	East - South	PA	5.88	0.47	N/A	6.35		1.06
Centrex ( 7 Lines )	East - South	PA	5.88	0.47	N/A	6.35		1.06
Centrex ( 6 Lines )	East - South	PA	5.88	0.47	N/A	6.35		1.06
Centrex ( 5 Lines )	East - South	PA	5.88	0.47	N/A	6.35		1.06
Centrex ( 4 Lines )	East - South	PA	5.88	0.47	N/A	6.35		1.06
Centrex ( 3 Lines )	East - South	PA	5.88	0.47	N/A	6.35		1.06
Centrex ( 2 Lines )	East - South	PA	5.88	0.47	N/A	6.35		1.06
Centrex ( 1 Line )	East - South	PA	5.88	0.47	N/A	6.35		1.06
Res, SL Bus	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	1.17	N/A	7.61		1.27
Non-Primary Res	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	1.17	N/A	7.61		1.27
BRI - ISDN	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	1.17	1.90	9.51		1.59
PRI - ISDN	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	32.20	11.8	46.01	90.01		15.03
Multi Line Bus - Other Except PBX & Flexpath	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	2.36	N/A	8.80		1.47
Multi Line Bus - Payphone	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	2.36	N/A	8.80		1.47
PBX Trunks & Flexpath w/o Line Port Charges	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	2.36	N/A	8.80		1.47
PBX Trunks with End User Port Charge (DID / Flexpath)	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	2.36	1.21	10.01		1.67
Centrex (>= 9 Lines )	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	0.47	N/A	6.91		1.15
Centrex ( 8 Lines )	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	0.47	N/A	6.91		1.15
Centrex ( 7 Lines )	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	0.47	N/A	6.91		1.15
Centrex ( 6 Lines )	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	0.47	N/A	6.91		1.15
Centrex ( 5 Lines )	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	0.47	N/A	6.91		1.15
Centrex ( 4 Lines )	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	0.47	N/A	6.91		1.15
Centrex ( 3 Lines )	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	0.47	N/A	6.91		1.15
Centrex ( 2 Lines )	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	0.47	N/A	6.91		1.15
Centrex ( 1 Line )	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	0.47	N/A	6.91		1.15

Note: (a) New England is comprised of Massachusetts and Rhode Island.  
(B) New York and Virginia Residents are not charged the ARC rate

USF Rate w/out ARC

(f1=a x e)

1.02

1.02

USF Rate w/out ARC

(f1=a x e)

USF Rate w/out ARC

(f1=a x e)

1.08

1.08

1.39

**Verizon - East**  
**Ratemaking for FUSF Per-line using Centrex Equivalency**  
**4th Quarter 2015**

WP USF - 3  
TML 1321

Service Type	State	FCC Order - Separate Rates			Monthly FUSF Req.			FCC Waiver	Accuracy Validation	
		Billing Lines	Max USF Rate Prior to Waiver	Full Rate Requirement	CTX Rates PICC Structure	Monthly CTX Loss	Adjusted Revenue Base	Adjusted ML Rates	Total Recovery	Variance
		(a)	(b)	(c = a x b)	(d = b / 9, 8, 7, etc.)	(e = [b -d] x a)	(f = c -e)	(g = rate x factor)	(h = [b x a]+[g x a])	(i = h - c)
<b>Multi-line Rates</b>										
BRI - ISDN	DC	55,381	\$ 0.93	\$ 51,504			\$ 51,504	\$ 1.39	\$ 76,822	\$ 25,317
PRI - ISDN	DC	3,359	9.13	30,668			30,668	13.62	45,743	15,075
Multi Line Bus - Other	DC	30,345	1.04	31,558			31,558	1.55	47,071	15,513
PBX Trunk w/o End User Port Charge	DC	7,840	1.04	8,154			8,154	1.55	12,162	4,008
Centrex (>= 9 Lines )	DC	89,435	0.73	65,288	\$ 0.081111111	\$ 58,033	7,254	0.12	10,820	(54,468)
Centrex ( 8 Lines )	DC	1,394	0.73	1,018	0.09125000	890	127	0.14	190	(828)
Centrex ( 7 Lines )	DC	1,371	0.73	1,001	0.10428571	858	143	0.16	213	(788)
Centrex ( 6 Lines )	DC	1,646	0.73	1,202	0.12166667	1,001	200	0.18	299	(903)
Centrex ( 5 Lines )	DC	1,710	0.73	1,248	0.14600000	999	250	0.22	372	(876)
Centrex ( 4 Lines )	DC	2,071	0.73	1,512	0.18250000	1,134	378	0.27	564	(948)
Centrex ( 3 Lines )	DC	2,046	0.73	1,494	0.24333333	996	498	0.36	743	(751)
Centrex ( 2 Lines )	DC	2,254	0.73	1,645	0.36500000	823	823	0.54	1,227	(418)
Centrex ( 1 Line )	DC	184	0.73	134	0.73000000	-	134	1.09	200	66
		<u>199,036</u>		<u>\$ 196,425</u>			<u>\$ 131,691</u>		<u>\$ 196,425</u>	<u>\$ (0)</u>
Multi-line Adjustment Factor							[(Revenue Loss / adjusted base] +1) =	1.491558941		
<b>Multi-line Rates</b>										
BRI - ISDN	MD	47,833	\$ 1.40	\$ 66,966			\$ 66,966	\$ 2.37	\$ 113,396	\$ 46,429
PRI - ISDN	MD	4,820	10.63	51,237			51,237	18.00	86,760	35,524
Multi Line Bus - Other	MD	127,682	1.34	171,094			171,094	2.27	289,718	118,624
PBX Trunk w/o End User Port Charge	MD	17,935	1.34	24,033			24,033	2.27	40,696	16,663
Centrex (>= 9 Lines )	MD	184,664	1.03	190,204	\$ 0.114444444	\$ 169,070	21,134	0.19	35,786	(154,418)
Centrex ( 8 Lines )	MD	9,806	1.03	10,100	0.12875000	8,838	1,263	0.22	2,138	(7,962)
Centrex ( 7 Lines )	MD	10,271	1.03	10,579	0.14714286	9,068	1,511	0.25	2,559	(8,020)
Centrex ( 6 Lines )	MD	13,964	1.03	14,383	0.17166667	11,986	2,397	0.29	4,059	(10,324)
Centrex ( 5 Lines )	MD	16,063	1.03	16,545	0.20600000	13,236	3,309	0.35	5,603	(10,942)
Centrex ( 4 Lines )	MD	19,897	1.03	20,494	0.25750000	15,370	5,123	0.44	8,676	(11,818)
Centrex ( 3 Lines )	MD	21,788	1.03	22,442	0.34333333	14,961	7,481	0.58	12,667	(9,775)
Centrex ( 2 Lines )	MD	28,293	1.03	29,142	0.51500000	14,571	14,571	0.87	24,673	(4,469)
Centrex ( 1 Line )	MD	682	1.03	702	1.03000000	-	702	1.74	1,189	487
		<u>503,698</u>		<u>\$ 627,920</u>			<u>\$ 370,821</u>		<u>\$ 627,920</u>	<u>\$ (0)</u>
Multi-line Adjustment Factor							[(Revenue Loss / adjusted base] +1) =	1.693326177		
<b>Multi-line Rates</b>										
BRI - ISDN	VA	43,434	\$ 1.27	\$ 55,161			\$ 55,161	\$ 1.95	\$ 84,836	\$ 29,675
PRI - ISDN	VA	5,631	10.99	61,885			61,885	16.90	95,177	33,292
Multi Line Bus - Other	VA	114,285	1.41	161,142			161,142	2.17	247,832	86,690
PBX Trunk w/o End User Port Charge	VA	16,184	1.41	22,819			22,819	2.17	35,096	12,276
Centrex (>= 9 Lines )	VA	123,204	1.10	135,524	\$ 0.122222222	\$ 120,466	15,058	0.19	23,159	(112,365)
Centrex ( 8 Lines )	VA	6,391	1.10	7,030	0.13750000	6,151	879	0.21	1,352	(5,679)
Centrex ( 7 Lines )	VA	7,155	1.10	7,871	0.15714286	6,746	1,124	0.24	1,729	(6,141)
Centrex ( 6 Lines )	VA	9,493	1.10	10,442	0.18333333	8,702	1,740	0.28	2,677	(7,766)
Centrex ( 5 Lines )	VA	10,725	1.10	11,798	0.22000000	9,438	2,360	0.34	3,629	(8,169)
Centrex ( 4 Lines )	VA	13,670	1.10	15,037	0.27500000	11,278	3,759	0.42	5,782	(9,255)
Centrex ( 3 Lines )	VA	15,043	1.10	16,547	0.36666667	11,032	5,516	0.56	8,483	(8,064)
Centrex ( 2 Lines )	VA	18,293	1.10	20,122	0.55000000	10,061	10,061	0.85	15,474	(4,649)
Centrex ( 1 Line )	VA	261	1.10	287	1.10000000	-	287	1.69	442	154
		<u>383,769</u>		<u>\$ 525,666</u>			<u>\$ 341,792</u>		<u>\$ 525,666</u>	<u>\$ (0)</u>
Multi-line Adjustment Factor							[(Revenue Loss / adjusted base] +1) =	1.537969839		

Verizon - East  
 Ratemaking for FUSF Per-line using Centrex Equivalency  
 4th Quarter 2015

WP USF - 3  
 TML 1321

Service Type	State	FCC Order - Separate Rates			Monthly FUSF Reqt.			FCC Waiver	Accuracy Validation	
		Billing Lines (a)	Max USF Rate Prior to Waiver (b)	Full Rate Requirement (c = a x b)	CTX Rates PICC Structure (d = b / 9, 8, 7, etc.)	Monthly CTX Loss (e = [b -d] x a)	Adjusted Revenue Base (f = c -e)	Adjusted ML Rates (g = rate x factor)	Total Recovery (h = [b x a]+[g x a])	Variance (i = h - c)
<b>Multi-line Rates</b>										
BRI - ISDN	DE	722	\$ 1.53	\$ 1,105			\$ 1,105	\$ 2.82	\$ 2,033	\$ 928
PRI - ISDN	DE	947	11.29	10,692			10,692	20.78	19,676	8,985
Multi Line Bus - Other	DE	17,046	1.47	25,057			25,057	2.71	46,114	21,057
PBX Trunk w/o End User Port Charge	DE	1,857	1.47	2,730			2,730	2.71	5,024	2,294
Centrex (>= 9 Lines )	DE	29,527	1.16	34,251	\$ 0.128888889	\$ 30,446	3,806	0.24	7,004	(27,248)
Centrex ( 8 Lines )	DE	938	1.16	1,088	0.14500000	952	136	0.27	250	(838)
Centrex ( 7 Lines )	DE	1,081	1.16	1,254	0.16571429	1,075	179	0.30	330	(924)
Centrex ( 6 Lines )	DE	1,478	1.16	1,714	0.19333333	1,429	286	0.36	526	(1,189)
Centrex ( 5 Lines )	DE	1,425	1.16	1,653	0.23200000	1,322	331	0.43	608	(1,045)
Centrex ( 4 Lines )	DE	1,751	1.16	2,031	0.29000000	1,523	508	0.53	935	(1,097)
Centrex ( 3 Lines )	DE	1,779	1.16	2,064	0.38666667	1,376	688	0.71	1,266	(798)
Centrex ( 2 Lines )	DE	1,998	1.16	2,318	0.58000000	1,159	1,159	1.07	2,133	(185)
Centrex ( 1 Line )	DE	60	1.16	70	1.16000000	-	70	2.13	128	58
		60,609		\$ 86,026		\$ 39,282	\$ 46,745		\$ 86,026	\$ (0)
Multi-line Adjustment Factor						[(Revenue Loss / adjusted base) +1] =		1.84034158		
<b>Multi-line Rates</b>										
BRI - ISDN	NJ	17,410	\$ 1.51	\$ 26,289			\$ 26,289	\$ 2.42	\$ 42,078	\$ 15,789
PRI - ISDN	NJ	4,604	11.17	51,427			51,427	17.88	82,313	30,886
Multi Line Bus - Other	NJ	255,891	1.45	371,042			371,042	2.32	593,883	222,841
PBX Trunk w/o End User Port Charge	NJ	2,154	1.45	3,123			3,123	2.32	4,999	1,876
Centrex (>= 9 Lines )	NJ	227,637	1.14	259,506	\$ 0.12666667	\$ 230,672	28,834	0.20	46,151	(213,355)
Centrex ( 8 Lines )	NJ	7,794	1.14	8,885	0.14250000	7,775	1,111	0.23	1,778	(7,107)
Centrex ( 7 Lines )	NJ	8,387	1.14	9,561	0.16285714	8,195	1,366	0.26	2,186	(7,375)
Centrex ( 6 Lines )	NJ	11,185	1.14	12,751	0.19000000	10,626	2,125	0.30	3,401	(9,349)
Centrex ( 5 Lines )	NJ	13,413	1.14	15,291	0.22800000	12,233	3,058	0.36	4,895	(10,396)
Centrex ( 4 Lines )	NJ	16,095	1.14	18,348	0.28500000	13,761	4,587	0.46	7,342	(11,006)
Centrex ( 3 Lines )	NJ	18,740	1.14	21,364	0.38000000	14,242	7,121	0.61	11,398	(9,966)
Centrex ( 2 Lines )	NJ	22,527	1.14	25,681	0.57000000	12,840	12,840	0.91	20,552	(5,129)
Centrex ( 1 Line )	NJ	3,348	1.14	3,817	1.14000000	-	3,817	1.82	6,109	2,292
		609,185		\$ 827,085		\$ 310,344	\$ 516,740		\$ 827,085	\$ (0)
Multi-line Adjustment Factor						[(Revenue Loss / adjusted base) +1] =		1.600580777		
<b>Multi-line Rates</b>										
BRI - ISDN	PA (P1)	8,086	\$ 1.43	\$ 11,563			\$ 11,563	\$ 2.69	\$ 21,741	\$ 10,178
PRI - ISDN	PA (P1)	5,076	10.79	54,770			54,770	20.29	102,979	48,209
Multi Line Bus - Other	PA (P1)	162,599	1.38	224,387			224,387	2.59	421,893	197,506
PBX Trunk w/o End User Port Charge	PA (P1)	22,939	1.38	31,656			31,656	2.59	59,519	27,864
Centrex (>= 9 Lines )	PA (P1)	265,692	1.06	281,634	\$ 0.11777778	\$ 250,341	31,293	0.22	58,836	(222,797)
Centrex ( 8 Lines )	PA (P1)	10,877	1.06	11,530	0.13250000	10,088	1,441	0.25	2,710	(8,820)
Centrex ( 7 Lines )	PA (P1)	11,733	1.06	12,437	0.15142857	10,660	1,777	0.28	3,341	(9,096)
Centrex ( 6 Lines )	PA (P1)	15,233	1.06	16,147	0.17666667	13,456	2,691	0.33	5,060	(11,087)
Centrex ( 5 Lines )	PA (P1)	17,089	1.06	18,114	0.21200000	14,491	3,623	0.40	6,812	(11,303)
Centrex ( 4 Lines )	PA (P1)	20,501	1.06	21,731	0.26500000	16,298	5,433	0.50	10,215	(11,516)
Centrex ( 3 Lines )	PA (P1)	22,818	1.06	24,187	0.35333333	16,125	8,062	0.66	15,159	(9,028)
Centrex ( 2 Lines )	PA (P1)	25,176	1.06	26,687	0.53000000	13,343	13,343	1.00	25,088	(1,598)
Centrex ( 1 Line )	PA (P1)	1,597	1.06	1,693	1.06000000	-	1,693	1.99	3,183	1,490
		589,416		\$ 736,535		\$ 344,803	\$ 391,732		\$ 736,535	\$ 0
Multi-line Adjustment Factor						[(Revenue Loss / adjusted base) +1] =		1.880202475		

Verizon - East  
 Ratemaking for FUSF Per-line using Centrex Equivalency  
 4th Quarter 2015

WP USF - 3  
 TML 1321

Service Type	State	FCC Order - Separate Rates			Monthly FUSF Req.			FCC Waiver	Accuracy Validation	
		Billing Lines (a)	Max USF Rate Prior to Waiver (b)	Full Rate Requirement (c = a x b)	CTX Rates PICC Structure (d = b / 9, 8, 7, etc.)	Monthly CTX Loss (e = [b -d] x a)	Adjusted Revenue Base (f = c -e)	Adjusted ML Rates (g = rate x factor)	Total Recovery (h = [b x a]+[g x a])	Variance (i = h - c)
<b>Multi-line Rates</b>										
BRI - ISDN	NY / CT	17,245	\$ 1.59	\$ 27,420		\$ 27,420	\$ 2.45	\$ 42,164	\$ 14,745	
PRI - ISDN	NY / CT	11,272	15.03	169,418		169,418	23.11	260,522	91,104	
Multi Line Bus - Other	NY / CT	444,973	1.47	654,110		654,110	2.26	1,005,855	351,745	
PBX Trunk w/o End User Port Charge	NY / CT	38,049	1.47	55,932		55,932	2.26	86,009	30,077	
Centrex (>= 9 Lines )	NY / CT	437,878	1.15	503,560	\$ 0.127777778	\$ 447,609	0.20	86,039	(417,521)	
Centrex ( 8 Lines )	NY / CT	10,960	1.15	12,604	0.14375000	11,029	0.22	2,423	(10,181)	
Centrex ( 7 Lines )	NY / CT	11,184	1.15	12,862	0.16428571	11,024	0.25	2,825	(10,036)	
Centrex ( 6 Lines )	NY / CT	13,381	1.15	15,388	0.19166667	12,823	0.29	3,944	(11,444)	
Centrex ( 5 Lines )	NY / CT	17,127	1.15	19,696	0.23000000	15,757	0.35	6,058	(13,639)	
Centrex ( 4 Lines )	NY / CT	18,357	1.15	21,111	0.28750000	15,833	0.44	8,116	(12,995)	
Centrex ( 3 Lines )	NY / CT	15,606	1.15	17,947	0.38333333	11,965	0.59	9,199	(8,748)	
Centrex ( 2 Lines )	NY / CT	18,057	1.15	20,766	0.57500000	10,383	0.88	15,966	(4,799)	
Centrex ( 1 Line )	NY / CT	2,737	1.15	3,148	1.15000000	-	1.77	4,840	1,693	
		1,056,826		\$ 1,533,959		\$ 536,422		\$ 997,538	\$ 1,533,959	\$ 0
Multi-line Adjustment Factor						[(Revenue Loss / adjusted base) +1] =	1.537746115			
<b>New England Combined</b>										
<b>Multi-line Rates</b>										
BRI - ISDN	NE Combined	13,354	\$ 1.59	\$ 21,233		\$ 21,233	\$ 2.66	\$ 35,513	\$ 14,280	
PRI - ISDN	NE Combined	4,392	15.03	66,012		66,012	25.14	110,407	44,396	
Multi Line Bus - Other	NE Combined	164,384	1.47	241,645		241,645	2.46	404,161	162,516	
PBX Trunk w/o End User Port Charge	NE Combined	25,833	1.47	37,975		37,975	2.46	63,514	25,539	
Centrex (>= 9 Lines )	NE Combined	225,636	1.15	259,481	\$ 0.127777778	\$ 230,650	0.21	48,221	(211,260)	
Centrex ( 8 Lines )	NE Combined	6,085	1.15	6,998	0.14375000	6,123	0.24	1,463	(5,535)	
Centrex ( 7 Lines )	NE Combined	6,752	1.15	7,765	0.16428571	6,656	0.27	1,855	(5,910)	
Centrex ( 6 Lines )	NE Combined	7,462	1.15	8,581	0.19166667	7,151	0.32	2,392	(6,189)	
Centrex ( 5 Lines )	NE Combined	8,032	1.15	9,237	0.23000000	7,389	0.38	3,090	(6,147)	
Centrex ( 4 Lines )	NE Combined	9,405	1.15	10,816	0.28750000	8,112	0.48	4,522	(6,293)	
Centrex ( 3 Lines )	NE Combined	7,771	1.15	8,937	0.38333333	5,958	0.64	4,982	(3,954)	
Centrex ( 2 Lines )	NE Combined	8,976	1.15	10,322	0.57500000	5,161	0.96	8,632	(1,690)	
Centrex ( 1 Line )	NE Combined	320	1.15	368	1.15000000	-	1.92	615	247	
		488,402		\$ 689,369		\$ 277,200		\$ 412,169	\$ 689,369	\$ 0
Multi-line Adjustment Factor						[(Revenue Loss / adjusted base) +1] =	1.672540199			



## Verizon - East

### Calculation of PBX FUSF Rate with Port Charge

4th Quarter 2015

<u>Description</u>	<u>Tariff Entity</u>	Calculated PBX Trunk Rate with Line Ports before <u>Centrex Shortfall</u> (a)	Rate Adj. Factor <u>(RAF)</u> (b)	Calculated PBX Rate with End User <u>Port Charges</u> ( c = rate x factor )
PBX Trunks with Line Ports	DC	1.16	1.49	1.73
PBX Trunks with Line Ports	MD	1.46	1.69	2.47
PBX Trunks with Line Ports	VA	1.53	1.54	2.35
PBX Trunks with Line Ports	DE	1.59	1.84	2.93
PBX Trunks with Line Ports	NJ	1.57	1.60	2.51
PBX Trunks with Line Ports	PA	1.49	1.88	2.80
PBX Trunks with Line Ports	NY/CT	1.67	1.54	2.57
PBX Trunks with Line Ports	NEW ENGLAND	1.67	1.67	2.79

**Verizon - East Telephone Companies**  
**Rate Development for Federal End User**  
**Special Access USF Charge**

Verizon Interstate Special Access End User Factor

4th Quarter 2015 Contribution Factor

0.167000