

June 8, 2017

Public Utilities Commission Capitol Building, 1st floor 500 E. Capitol Ave. Pierre, SD 57501-5070

RE: C.F.R. 54.304(d)(1) Compliance Filing

Pursuant to C.F.R. 54.304(d)(1), RT Communications, Inc. ("RT") is filing the enclosed data related to CAF ICC and NECA's annual access tariff filing.

Please contact me at jhendricks@rtcom.net or 307-347-7010 if you have any questions about this filing.

Sincerely,

Jason Hendricks

**Chief Regulatory Officer** 

## 2017 CAF ICC Data Collection

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Study Area: RANGE TEL COOP - WY (ID: 512251) Holding Company: RANGE TEL. COOP. INC. (ID: 200000257)

Historic Intrastate Rates and Demand Data (TRP)

2017 Intrastate TRP Data Report

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## Intrastate Revenues

Test Year 2017-2018 Expected Maximum Intrastate Revenue: \$85,236.65

Cot D	Col E	Col F	Col G	CoLH	Coll	Cot J	Col K	CoLL	Cel M	Col N
						H*I			[(L/K)^(12/21)-1] #100	H*L
Rate Element Description	Unit of Demand	7/I/2017 Interstate Rate	Test Year 2016- 2017 Current Intrastate Rate	7/1/2017 Proposed Intrastate Rate	FY 2011 Intrastate Units: Terminating for Non-Dedicated or Originating and Terminating for Dedicated Elements	Intrastate Price- out with 7/1/2017 proposed intrastate rate and FY2011 Demand	FY 2016 Intrastate Units: Terminating for Non-Dedicated and total for Dedicated Elements	Test Year 2017- 2018 Forecasted Intrastate Units	Intrastate Units Growth Rate %	TY 2017-18 Forecasted Intrastate Revenue
Terminating End Office Access Service Terminating End Office, Premium, per access minute	MOU	\$0.00356700	\$0.00500000	\$0.00356700	8,217,304.00	\$29,311.12	5,433,309.00	4,105,700.00	-14.79%	\$14,645.03
Terminating End Office Access Service Terminating End Office, Non- Premium, per access minute	MOU	\$0.00356700	\$0.00500000	\$0.00356700	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Entrance Facility, Per Termination Voice Grade Two Wire	Termination	\$47.78	\$0.00000000	\$47.78	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Entrance Facility, Per Termination Voice Grade Four Wire	Termination	\$76.47	\$0.00000000	\$76.47	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Entrance Facility, Per Termination High Capacity DS1	Termination	\$232.97	\$0.00000000	\$232.97	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Entrance Facility, Per Termination High Capacity DS3	Termination	\$2,127.20	\$0.00000000	\$2,127.20	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Entrance Facility, Per Termination Synchronous Optical Channel OC3	Termination	\$2,169.10	\$0.00000000	\$2,169.10	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Entrance Facility, Per Termination Synchronous Optical Channel OC12	Termination	\$2,315.91	\$0.00000000	\$2,315.91	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Entrance Facility, Per Termination ESALT 2 Mbps	Circuit	\$412.64	\$0.00000000	\$412.64	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Entrance Facility, Per Termination ESALT 10 Mbps	Circuit	\$444.75	\$0.00000000	\$444.75	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Entrance Facility, Per Termination ESALT 50 Mbps	Circuit	\$576.21	\$0,00000000	\$576.21	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Direct Trunked Transport Facility/ Mile Voice Grade - Two Wire & Four Wire	Mile	\$3.41	\$0,00000000	\$3.41	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Direct Trunked Transport Facility/ Mile High Capacity DS1	Mile	\$15.96	\$0.00000000	\$15.96	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Direct Trunked Transport Facility/ Mile High Capacity DS3	Mile	\$139.05	\$0.00000000	\$139.05	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Direct Trunked Transport Facility/ Mile Synchronous Optical Channel OC3	Mile	\$148.84	\$0.00000000	\$148.84	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Direct Trunked Transport Facility/ Mile Synchronous Optical Channel OC12	Mile	\$186.81	\$0,00000000	\$186.81	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Direct Trunked Transport Facility/ Mile ESALT 2 Mbps DTF-E1	Circuit Miles	\$47.01	\$0.00000000	\$47.01	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Direct Trunked Transport Facility/ Mile ESALT 2 Mbps DTF-E2	Circuit Miles	\$31.35	\$0.00000000	\$31.35	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Direct Trunked Transport Facility/ Mile ESALT 2 Mbps DTF-E3	Circuit Miles	\$80.96	\$0.00000000	\$80.96	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Direct Trunked Transport Facility/ Mile ESALT 2 Mbps DTF-E4	Circuit Miles	\$135.57	\$0.00000000	\$135.57	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Direct Trunked Transport Facility/ Mile ESALT 10 Mbps DTF-E1	Circuit Miles	\$119.21	\$0.00000000	\$119.21	0.00	\$0.00	0.00	0.00	0.00%	\$0,00
Direct Trunked Transport Facility/ Mile ESALT 10 Mbps DTF-E2	Circuit Miles	\$71.53	\$0.00000000	\$71.53	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Direct Trunked Transport Facility/ Mile ESALT 10 Mbps DTF-E3	Circuit Miles	\$203.79	\$0.00000000	\$203.79	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Direct Trunked Transport Facility/ Mile ESALT 10 Mbps DTF-E4	Circuit Miles	\$417.99	\$0.00000000	\$417.99	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Direct Trunked Transport Facility/ Mile ESALT 50 Mbps DTF-E1	Circuit Miles	\$333.78	\$0.00000000	\$333.78	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Direct Trunked Transport Facility/ Mile ESALT 50 Mbps DTF-E2	Circuit Miles	\$222.54	\$0.00000000	\$222.54	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Direct Trunked Transport Facility/ Mile ESALT 50 Mbps DTF-E3	Circuit Miles	\$665.56	\$0.00000000	\$665.56	0.00	\$0.00	0.00	0.00	0.00%	\$0.00

Direct Trunked Transport Facility/ Mile ESALT 50 Mbps DTF-E4	Circuit Miles	\$1,186.15	\$0.00000000	\$1,186.15	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Direct Trunked Transport Facility/Termination Voice Grade - Two Wire &	Termination	\$34.21	\$0.00000000	\$34.21	0,00	\$0.00	0.00	0.00	0.00%	\$0.00
Four Wire Direct Trunked Transport Facility/Termination High Capacity DS1	Termination	\$82.82	\$0.00000000	\$82.82	0.00	\$0.00	0.00	0.00	0.00%	
Direct Trunked Transport Facility/Termination High Capacity DS3	Termination	\$531.78	\$0.00000000	\$531.78	0.00	\$0.00	0.00	0.00	0.00%	\$0.00 \$0.00
Direct Trunked Transport Facility/Termination Synchronous Optical Channel OC3	Termination	\$553.71	\$0.00000000	\$553.71	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
OC12 OC12	Termination	\$1,205.59	\$0.00000000	\$1,205.59	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Direct Trunked Transport Facility/Termination ESALT 2 Mbps	Circuit terms	\$109.71	\$0.00000000	\$109.71	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Direct Trunked Transport Facility/Termination ESALT 10 Mbps	Circuit terms	\$134.11	\$0.00000000	\$134.11	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Direct Trunked Transport Facility/Termination ESALT 50 Mbps	Circuit terms	\$163.91	\$0.00000000	\$163.91	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Multiplexing, Per Arrangement DS3 to DS1	Termination	\$485.20	\$0,00000000	\$485.20	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Multiplexing, Per Arrangement DS1 to Voice	Termination	\$187.32	\$0,00000000	\$187.32	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Customer Node Per Node OC3 155.52 Mbps	Port	\$503.68	\$0.00000000	\$503.68	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Customer Node Per Node OC12 622.08 Mbps	Port	\$1,455.08	\$0,00000000	\$1,455.08	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Customer Premises Port, Per Port OC3 155.52 Mbps	Port	\$165.28	\$0.00000000	\$165,28	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Customer Premises Port, Per Port STS-1 51.84 Mbps	Port	\$198.44	\$0.00000000	\$198.44	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Customer Premises Port, Per Port DS3 44.736 Mbps	Port	\$198.44	\$0.00000000	\$198.44	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Customer Premises Port, Per Port DS1 1.544 Mbps	Port	\$50.85	\$0,00000000	\$50.85	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Add/Drop Multiplexing Central Office Port, Per Port DS1 1.544 Mbps	Port	\$40.70	\$0.00000000	\$40,70	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Add/Drop Multiplexing Central Office Port, Per Port OC3 155.52 Mbps	Port	\$165.28	\$0.00000000	\$165,28	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Add/Drop Multiplexing Central Office Port, Per Port DS3 44.736 Mbps	Port	\$101.75	\$0.00000000	\$101.75	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Network Blocking, Per Blocked Call Network Blocking, Per Blocked Call, Applies to FGD only	Call	\$0.01670000	\$0,00000000	\$0.01670000	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
ESALT Real Time CoS/QoS, Per ESALT DTF-E1 Facility ESALT 2 Mbps	Facility	\$8.98	\$0,00000000	\$8.98	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
ESALT Real Time CoS/QoS, Per ESALT DTF-E1 Facility ESALT 10 Mbps	Facility	\$44.90	\$0.00000000	\$44.90	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
ESALT Real Time CoS/QoS, Per ESALT DTF-E1 Facility ESALT 50 Mbps	Facility	\$139.74	\$0,00000000	\$139.74	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
ESALT Entrance Facility Protection, Per ESALT Entrance Facility ESALT 2 Mbps	Circuit	\$289.05	\$0.00000000	\$289.05	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
ESALT Entrance Facility Protection, Per ESALT Entrance Facility ESALT 10 Mbps	Circuit	\$289.05	\$0.00000000	\$289.05	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
ESALT Entrance Facility Protection, Per ESALT Entrance Facility ESALT 50 Mbps	Circuit	\$289.05	\$0,00000000	\$289.05	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Common Channel Signaling Network Connection Signaling Mileage Facility, Per Mile	Mile	\$4.58	\$0.00000000	\$4.58	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Common Channel Signaling Network Connection Signaling Mileage Termination, Per Termination	Termination	\$46.05	\$0.00000000	\$46.05	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Common Channel Signaling Network Connection Signaling Entrance Facility, Per Facility	Facility	\$88.19	\$0.00000000	\$88.19	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Common Channel Signaling Network Connection STP Port, Per Port	Port	\$454.49	\$0.00000000	\$454.49	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Terminating Tandem Switched Transport Terminating Tandem Switched Transport Facility	Minutes / Mile	\$0.00043800	\$0.00018800	\$0.00043800	778,425,208.00	\$340,950.24	178,155,774.00	139,870,947.00	-12.91%	\$61,263.47
Terminating Tandem Switched Transport Terminating Tandem Switched Termination	Minutes	\$0.00227200	\$0.00220200	\$0.00227200	8,217,307.00	\$18,669.72	5,433,309.00	4,105,700.00	-14.79%	\$9,328.15
Terminating Tandem Switched Transport Terminating Tandem Switching	Minutes	\$0.00573100	\$0.00000000	\$0.00573100	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Nonrecurring Charges Voice Grade Two Wire	Facility	\$489.27	\$0.00000000	\$489.27	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Nonrecurring Charges Voice Grade Four Wire	Facility	\$489.27	\$0.00000000	\$489.27	0.00	\$0.00	0,00	0.00	0.00%	\$0.00
Nonrecurring Charges High Capacity DS1	Facility	\$358.81	\$0.00000000	\$358.81	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Nonrecurring Charges High Capacity DS3	Facility	\$483.84	\$0.00000000	\$483.84	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Nonrecurring Charges Synchronous Optical Channel OC3	Facility	\$391.42	\$0.00000000	\$391.42	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Nonrecurring Charges Synchronous Optical Channel OC12	Facility	\$391.42	\$0.00000000	\$391.42	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Nonrecurring Charges Interim NXX Translation, Per Order	Order	\$239.21	\$0.00000000	\$239,21	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Nonrecurring Charges FGC and FGD Conversion of Multifrequency Address Signaling to SS7 Signaling or SS7 Signaling to Multifrequency Address Signaling, per 24 trunks converted or fraction thereof on a per order basis	Order	\$480.57	\$0.00000000	\$480.57	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Nonrecurring Charges Trunk Activation, per 24 trunks activated or fraction thereof on a per order basis	Order	\$499.05	\$0.00000000	\$499.05	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
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Nonrecurring Charges Flexible Automatic Number Identification (Flex ANI), per End Office, per CIC	End Office	\$0.00000000	\$0.00000000	\$0.00000000	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Nonrecurring Charges ESALT 2 Mbps	Facility	\$579.87	\$0.00000000	\$579.87	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Nonrecurring Charges ESALT 10 Mbps	Facility	\$579.87	\$0.00000000	\$579.87	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Nonrecurring Charges ESALT 50 Mbps	Facility	\$579.87	\$0.00000000	\$579.87	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Nonrecurring Charges ESALT Direct Trunked Termination, per ESALT Direct Trunked Termination installed	Order	\$382.04	\$0.00000000	\$382.04	0.00	\$0.00	0.00	0.00	0.00%	\$0.00
Nonrecurring Charges ESALT Entrance Facility Protection, per ESALT Entrance Facility	Facility	\$586.14	\$0.00000000	\$586.14	0.00	\$0,00	0.00	0.00	0.00%	\$0.00
						5388,931.08				\$85,236,65

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