

State of Florida



# Public Service Commission

-M-E-M-O-R-A-N-D-U-M-

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**DATE:** March 12, 2001  
**TO:** Melinda Watts, Division of Competitive Services  
**FROM:** David J. Draper, Division of Economic Regulation *DD*  
**RE:** Docket No. 001329-TI, Radiant Telecom, Inc. - Interest Calculation for Refund of Overcharges *ALM*

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As you requested, staff calculated the interest on the overcharges due to Radiant Telecom's customers. The total refund amount of \$35,379.88 consists of \$32,887.61 in overcharges and \$2,492.27 in interest. This calculation assumes that the overcharges for the maintenance fees were incurred evenly from September 1, 1999 to October 31, 2000. Furthermore, the overcharges for the difference in the billing and the service fees, occurred in the manner stated in your memo over the period December 1999 through October 2000. In addition, this calculation assumes that the refund will occur evenly from July 1 to July 31, 2001. The appropriate interest rate is the average 30-day commercial paper rate for each month. The last available monthly interest rate of 5.35% is used for the future months past February 2001. Attached is a schedule which shows the calculations.

cc: Division of Legal Services  
Division of Records and Reporting (2)  
File

DOCUMENT NUMBER-DATE

03336 MAR 15 2001

FPSC-RECORDS/REPORTING

**CALCULATION OF INTEREST ON REFUND**

DOCKET NO. : 001329-T1

COMPANY NAME: RADIANT TELECOM, INC.

Interest Calculations of Refund

MONTH	AVERAGE MONTHLY INTEREST RATE	MONTHLY INTEREST FACTOR	FIRST SET OF MONTHLY OVERCHARGES	SECOND SET OF MONTHLY OVERCHARGES	MONTHLY OVERCHG INTEREST	MONTHLY OVERCHARGE PRINCIPAL AND INTEREST	BALANCE BROUGHT FORWARD PLUS INTEREST	REFUND BALANCE	MONTHLY REFUND
SEP.	5.31%	0.44%	\$1,099.21		\$4.86	\$1,104.07	\$0.00	\$1,104.07	
OCT.	5.30%	0.44%	\$1,099.21		\$4.85	\$1,104.06	\$1,108.95	\$2,213.01	
NOV.	5.43%	0.45%	\$1,099.21		\$4.97	\$1,104.17	\$2,223.01	\$3,327.18	
DEC.	5.58%	0.46%	\$1,099.21	\$306.00	\$6.53	\$1,411.73	\$3,342.64	\$4,754.37	
JAN. 00	5.70%	0.48%	\$1,099.21	\$425.74	\$7.24	\$1,532.19	\$4,776.96	\$6,309.15	
FEB.	5.80%	0.48%	\$1,099.21	\$507.75	\$7.77	\$1,614.72	\$6,339.64	\$7,954.36	
MAR.	5.94%	0.49%	\$1,099.21	\$888.91	\$9.83	\$1,997.95	\$7,993.70	\$9,991.65	
APR.	6.13%	0.51%	\$1,099.21	\$1,348.77	\$12.49	\$2,460.47	\$10,042.65	\$12,503.12	
MAY	6.38%	0.53%	\$1,099.21	\$1,607.25	\$14.38	\$2,720.83	\$12,569.54	\$15,290.38	
JUN.	6.58%	0.55%	\$1,099.21	\$2,103.98	\$17.55	\$3,220.74	\$15,374.16	\$18,594.89	
JUL.	6.54%	0.55%	\$1,099.21	\$2,245.80	\$18.23	\$3,363.24	\$18,696.23	\$22,059.47	
AUG.	6.49%	0.54%	\$1,099.21	\$2,499.73	\$19.46	\$3,618.40	\$22,178.77	\$25,797.17	
SEP.	6.49%	0.54%	\$1,099.21	\$2,834.57	\$21.28	\$3,955.05	\$25,936.69	\$29,891.74	
OCT.	6.49%	0.54%	\$1,099.21	\$2,730.24	\$20.71	\$3,850.16	\$30,053.41	\$33,903.56	
NOV.	6.57%	0.55%			\$0.00	\$0.00	\$34,089.18	\$34,089.18	
DEC.	6.58%	0.55%			\$0.00	\$0.00	\$34,275.97	\$34,275.97	
JAN. 01	6.03%	0.50%			\$0.00	\$0.00	\$34,448.06	\$34,448.06	
FEB.	5.35%	0.45%			\$0.00	\$0.00	\$34,601.64	\$34,601.64	
MAR.	5.35%	0.45%			\$0.00	\$0.00	\$34,755.91	\$34,755.91	
APR.	5.35%	0.45%			\$0.00	\$0.00	\$34,910.86	\$34,910.86	
MAY	5.35%	0.45%			\$0.00	\$0.00	\$35,066.50	\$35,066.50	
JUN.	5.35%	0.45%			\$0.00	\$0.00	\$35,222.84	\$35,222.84	
JUL.	5.35%	0.45%			\$0.00	\$0.00	\$35,379.88	\$0.00	\$35,379.88

TOTAL OVERCHARGES

\$15,388.87

\$17,498.74

\$35,379.88

TOTAL INTEREST	\$2,492.27
TOTAL OVERCHARGE	\$32,887.61
TOTAL REFUND	<u>\$35,379.88</u>