

**DEPARTMENT OF TECHNOLOGY
CGEN NETWORK RATES
Effective March 1, 2014**

Comp Code	Description	Telco Pass Through*	iHub	OTech Fee	CSGNet Retirement Fee
T-1 Circuits					
56 Kbps T-1					
T101	56 Kbps T-1 Telco	\$292			
T201	iHub 56 Kbps		\$42		
T301	Otech Support Fee			\$248	
T401	64 Kbps T-1 Retirement Fee				\$76
128 Kbps T-1					
T104	128 Kbps T-1 Telco	\$404			
T204	iHub T-1		\$105		
T301	Otech Support Fee			\$248	
T404	128 Kbps T-1 Retirement Fee				\$192
256 Kbps T-1					
T107	256 Kbps T-1 Telco	\$450			
T204	iHub T-1		\$105		
T301	Otech Support Fee			\$248	
T407	256 Kbps T-1 Retirement Fee				\$196
384 Kbps T-1					
T110	384 Kbps T-1 Telco	\$482			
T204	iHub T-1		\$105		
T301	Otech Support Fee			\$248	
T410	384 Kbps T-1 Retirement Fee				\$200
512 Kbps T-1					
T113	512 Kbps T-1 Telco	\$508			
T204	iHub T-1		\$105		
T301	Otech Support Fee			\$248	
T413	512 Kbps T-1 Retirement Fee				\$204
768 Kbps T-1					
T116	768 Kbps T-1 Telco	\$553			
T204	iHub T-1		\$105		
T301	Otech Support Fee			\$248	
T416	768 Kbps T-1 Retirement Fee				\$208

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Comp Code	Description	Telco Pass Through*	iHub	OTech Fee	CSGNet Retirement Fee
1024 Kbps T-1					
T119	1024 Kbps T-1 Telco	\$559			
T204	iHub T-1		\$105		
T301	Otech Support Fee			\$248	
T419	1024 Kbps T-1 Retirement Fee				\$212
1536 Kbps T-1					
T122	1536 Kbps T-1 Telco	\$641			
T204	iHub T-1		\$105		
T301	Otech Support Fee			\$248	
T422	1536 Kbps T-1 Retirement Fee				\$216

Bonded T-1 Circuits

2 Bonded T-1s 3.072 Mb					
T125	2 Bonded T-1s 3.072 Mb Telco	\$1,041			
T210	iHub 5 Mb		\$302		
T301	Otech Support Fee			\$248	
T425	2 Bonded T-1s Retirement Fee				\$226
3 Bonded T-1s 4.608 Mb					
T128	3 Bonded T-1s 4.608 Mb Telco	\$1,256			
T210	iHub 5 Mb		\$302		
T301	Otech Support Fee			\$248	
T428	3 Bonded T-1s Retirement Fee				\$230
4 Bonded T-1s 6.144 Mb					
T131	4 Bonded T-1s 6.144 Mb Telco	\$1,476			
T213	iHub 10 Mb		\$588		
T301	Otech Support Fee			\$248	
T431	4 Bonded T-1s Retirement Fee				\$236

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Comp Code	Description	Telco Pass Through*	iHub	OTech Fee	CSGNet Retirement Fee
5 Bonded T-1s 7.680 Mb					
T134	5 Bonded T-1s 7.680 Mb Telco	\$1,876			
T213	iHub 10 Mb		\$588		
T301	Otech Support Fee			\$248	
T434	5 Bonded T-1s Retirement Fee				\$280
6 Bonded T-1s 9.216 Mb					
T137	6 Bonded T-1s 9.216 Mb Telco	\$2,122			
T213	iHub 10 Mb		\$588		
T301	Otech Support Fee			\$248	
T437	6 Bonded T-1s Retirement Fee				\$324
7 Bonded T-1s 10.752 Mb					
T140	7 Bonded T-1s 10.752 Mb Telco	\$2,389			
T216	iHub 20 Mb		\$924		
T301	Otech Support Fee			\$248	
T440	7 Bonded T-1s Retirement Fee				\$332

DS3 Circuits

DS3 under 20 Mb					
T143	DS3 under 20 Mb Telco	\$3,432			
T216	iHub 20 Mb		\$924		
T301	Otech Support Fee			\$248	
T443	DS3 under 20 Mb Retirement Fee				\$290
DS3 20 Mb & over					
T146	DS3 20 Mb & over Telco	\$4,013			
T219	iHub 50 Mb		\$1,680		
T301	Otech Support Fee			\$248	
T446	DS3 over 20 Mb Retirement Fee				\$670

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Comp Code	Description	Telco Pass Through*	iHub	OTech Fee	CSGNet Retirement Fee
Opt-E-Man Circuits					
2 Mb Opt-E-Man					
T149	2 Mb Opt-E-Man with 100 Mb port Telco	\$957			
T207	iHub 2 Mb		\$126		
T301	Otech Support Fee			\$248	
T449	2 Mb Opt-E-Man Retirement Fee				\$224
4 Mb Opt-E-Man					
T152	4 Mb Opt-E-Man with 100 Mb port Telco	\$987			
T210	iHub 5 Mb		\$302		
T301	Otech Support Fee			\$248	
T452	4 Mb Opt-E-Man Retirement Fee				\$228
5 Mb Opt-E-Man					
T155	5 Mb Opt-E-Man with 100 Mb port Telco	\$1,002			
T210	iHub 5 Mb		\$302		
T301	Otech Support Fee			\$248	
T455	5 Mb Opt-E-Man Retirement Fee				\$232
8 Mb Opt-E-Man					
T158	8 Mb Opt-E-Man with 100 Mb port Telco	\$1,058			
T213	iHub 10 Mb		\$588		
T301	Otech Support Fee			\$248	
T458	8 Mb Opt-E-Man Retirement Fee				\$320
10 Mb Opt-E-Man					
T161	10 Mb Opt-E-Man with 100 Mb port Telco	\$1,210			
T213	iHub 10 Mb		\$588		
T301	Otech Support Fee			\$248	
T461	10 Mb Opt-E-Man Retirement Fee				\$328

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Comp Code	Description	Telco Pass Through*	iHub	OTech Fee	CSGNet Retirement Fee
20 Mb Opt-E-Man					
T164	20 Mb Opt-E-Man with 100 Mb port Telco	\$1,335			
T216	iHub 20 Mb		\$924		
T301	Otech Support Fee			\$248	
T464	20 Mb Opt-E-Man Retirement Fee				\$600
50 Mb Opt-E-Man					
T167	50 Mb Opt-E-Man with 100 Mb port Telco	\$1,526			
T219	iHub 50 Mb		\$1,680		
T301	Otech Support Fee			\$248	
T467	50 Mb Opt-E-Man Retirement Fee				\$700
100 Mb Opt-E-Man					
T170	100 Mb Opt-E-Man with 100 Mb port Telco	\$1,622			
T173	100 Mb Opt-E-Man with 1 Gb port Telco	\$2,005			
T221	iHub 100 Mb		\$2,520		
T301	Otech Support Fee			\$248	
T470	100 Mb Opt-E-Man Retirement Fee				\$800
T473	1 Gb Opt-E-Man/G Retirement Fee				\$900
150 Mb Opt-E-Man					
T176	150 Mb Opt-E-Man with 1 Gb port Telco	\$1,776			
T224	iHub 500 Mb		\$3,360		
T301	Otech Support Fee			\$248	
T476	150 Mb Opt-E-Man Retirement Fee				\$940
250 Mb Opt-E-Man					
T179	250 Mb Opt-E-Man with 1 Gb port Telco	\$2,689			
T224	iHub 500 Mb		\$3,360		
T301	Otech Support Fee			\$248	
T479	250 Mb Opt-E-Man Retirement Fee				\$1,000
500 Mb Opt-E-Man					
T182	500 Mb Opt-E-Man with 1 Gb port Telco	\$2,790			
T224	iHub 500 Mb		\$3,360		
T301	Otech Support Fee			\$248	
T482	500 Mb Opt-E-Man Retirement Fee				\$1,100

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Comp Code	Description	Telco Pass Through*	iHub	OTech Fee	CSGNet Retirement Fee
600 Mb Opt-E-Man					
T185	600 Mb Opt-E-Man with 1 Gb port Telco	\$2,840			
T227	iHub 1 Gb		\$4,200		
T301	Otech Support Fee			\$248	
T485	600 Mb Opt-E-Man Retirement Fee				\$1,140
1 Gb Opt-E-Man					
T188	1 Gb Opt-E-Man with 1 Gb port Telco	\$2,884			
T227	iHub 1 Gb		\$4,200		
T301	Otech Support Fee			\$248	
T488	1 Gb Opt-E-Man Retirement Fee				\$1,200

Ethernet Circuits

5 Mb Ethernet					
T157	5 Mb Ethernet Telco	\$1,435			
T210	iHub 5 Mb		\$302		
T301	Otech Support Fee			\$248	
T455	5 Mb Opt-E-Man Retirement Fee				\$232
10 Mb Ethernet					
T160	10 Mb Ethernet Telco	\$2,385			
T213	iHub 10 Mb		\$588		
T301	Otech Support Fee			\$248	
T461	10 Mb Opt-E-Man Retirement Fee				\$328
20 Mb Ethernet					
T163	20 Mb Ethernet Telco	\$2,561			
T216	iHub 20 Mb		\$924		
T301	Otech Support Fee			\$248	
T464	20 Mb Opt-E-Man Retirement Fee				\$600
50 Mb Ethernet					
T178	50 Mb Ethernet Telco	\$3,526			
T219	iHub 50 Mb		\$1,680		
T301	Otech Support Fee			\$248	
T467	50 Mb Opt-E-Man Retirement Fee				\$700

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Comp Code	Description	Telco Pass Through*	iHub	OTech Fee	CSGNet Retirement Fee
100 Mb Ethernet					
T187	100 Mb Ethernet Telco	\$5,466			
T221	iHub 100 Mb		\$2,520		
T301	Otech Support Fee			\$248	
T470	100 Mb Opt-E-Man Retirement Fee				\$800
300 Mb Ethernet					
T196	300 Mb Ethernet Telco	\$12,295			
T224	iHub 500 Mb		\$3,360		
T301	Otech Support Fee			\$248	
T482	500 Mb Opt-E-Man Retirement Fee				\$1,100
1 Gb Ethernet					
T197	1 Gb Ethernet Telco	\$29,522			
T227	iHub 1 Gb		\$4,200		
T301	Otech Support Fee			\$248	
T488	1 Gb Opt-E-Man Retirement Fee				\$1,200

AVPN T-1 Circuits

AVPN 56 Kbps T-1					
T102	AVPN 56 Kbps T-1 Telco	\$270			
T201	iHub 56 Kbps		\$42		
T301	Otech Support Fee			\$248	
T401	64 Kbps T-1 Retirement Fee				\$76
AVPN 128 Kbps T-1					
T105	AVPN 128 Kbps T-1 Telco	\$537			
T204	iHub T-1		\$105		
T301	Otech Support Fee			\$248	
T404	128 Kbps T-1 Retirement Fee				\$192
AVPN 256 Kbps T-1					
T108	AVPN 256 Kbps T-1 Telco	\$569			
T204	iHub T-1		\$105		
T301	Otech Support Fee			\$248	
T407	256 Kbps T-1 Retirement Fee				\$196

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Comp Code	Description	Telco Pass Through*	iHub	OTech Fee	CSGNet Retirement Fee
AVPN 384 Kbps T-1					
T111	AVPN 384 Kbps T-1 Telco	\$593			
T204	iHub T-1		\$105		
T301	Otech Support Fee			\$248	
T410	384 Kbps T-1 Retirement Fee				\$200
AVPN 512 Kbps T-1					
T114	AVPN 512 Kbps T-1 Telco	\$625			
T204	iHub T-1		\$105		
T301	Otech Support Fee			\$248	
T413	512 Kbps T-1 Retirement Fee				\$204
AVPN 768 Kbps T-1					
T117	AVPN 768 Kbps T-1 Telco	\$650			
T204	iHub T-1		\$105		
T301	Otech Support Fee			\$248	
T416	768 Kbps T-1 Retirement Fee				\$208
AVPN 1024 Kbps T-1					
T120	AVPN 1024 Kbps T-1 Telco	\$652			
T204	iHub T-1		\$105		
T301	Otech Support Fee			\$248	
T419	1024 Kbps T-1 Retirement Fee				\$212
AVPN 1536 Kbps T-1					
T123	AVPN 1536 Kbps T-1 Telco	\$673			
T204	iHub T-1		\$105		
T301	Otech Support Fee			\$248	
T422	1536 Kbps T-1 Retirement Fee				\$216

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Comp Code	Description	Telco Pass Through*	iHub	OTech Fee	CSGNet Retirement Fee
AVPN Bonded T-1 Circuits					
AVPN 2 Bonded T-1s 3.072 Mb					
T126	AVPN 2 Bonded T-1s 3.072 Mb Telco	\$853			
T210	iHub 5 Mb		\$302		
T301	Otech Support Fee			\$248	
T425	2 Bonded T-1s Retirement Fee				\$226
AVPN 3 Bonded T-1s 4.608 Mb					
T129	AVPN 3 Bonded T-1s 4.608 Mb Telco	\$1,087			
T210	iHub 5 Mb		\$302		
T301	Otech Support Fee			\$248	
T428	3 Bonded T-1s Retirement Fee				\$230
AVPN 4 Bonded T-1s 6.144 Mb					
T132	AVPN 4 Bonded T-1s 6.144 Mb Telco	\$1,233			
T213	iHub 10 Mb		\$588		
T301	Otech Support Fee			\$248	
T431	4 Bonded T-1s Retirement Fee				\$236

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Comp Code	Description	Telco Pass Through*	iHub	OTech Fee	CSGNet Retirement Fee
AVPN DS3 Circuits					
AVPN DS3 under 20 Mb					
T145	AVPN DS3 under 20 Mb Telco	\$2,603			
T216	iHub 20 Mb		\$924		
T301	Otech Support Fee			\$248	
T443	DS3 under 20 Mb Retirement Fee				\$290
AVPN DS3 20 Mb & over					
T147	AVPN DS3 20Mb & over Telco	\$3,156			
T219	iHub 50 Mb		\$1,680		
T301	Otech Support Fee			\$248	
T446	DS3 over 20 Mb Retirement Fee				\$670
AVPN Opt-E-Man Circuits					
AVPN 2 Mb Opt-E-Man					
T150	AVPN 2 Mb Opt-E-Man with 100 Mb port Telco	\$1,183			
T207	iHub 2 Mb		\$126		
T301	Otech Support Fee			\$248	
T449	2 Mb Opt-E-Man Retirement Fee				\$224
AVPN 4 Mb Opt-E-Man					
T153	AVPN 4 Mb Opt-E-Man with 100 Mb port Telco	\$1,314			
T210	iHub 5 Mb		\$302		
T301	Otech Support Fee			\$248	
T452	4 Mb Opt-E-Man Retirement Fee				\$228
AVPN 5 Mb Opt-E-Man					
T156	AVPN 5 Mb Opt-E-Man with 100 Mb port Telco	\$1,316			
T210	iHub 5 Mb		\$302		
T301	Otech Support Fee			\$248	
T455	5 Mb Opt-E-Man Retirement Fee				\$232
AVPN 8 Mb Opt-E-Man					
T159	AVPN 8 Mb Opt-E-Man with 100 Mb port Telco	\$1,572			
T213	iHub 10 Mb		\$588		
T301	Otech Support Fee			\$248	
T458	8 Mb Opt-E-Man Retirement Fee				\$320

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Appendix C

Comp Code	Description	Telco Pass Through*	iHub	OTech Fee	CSGNet Retirement Fee
AVPN 10 Mb Opt-E-Man					
T162	AVPN 10 Mb Opt-E-Man with 100 Mb port Telco	\$1,854			
T213	iHub 10 Mb		\$588		
T301	Otech Support Fee			\$248	
T461	10 Mb Opt-E-Man Retirement Fee				\$328
AVPN 20 Mb Opt-E-Man					
T165	AVPN 20 Mb Opt-E-Man with 100 Mb port Telco	\$2,217			
T216	iHub 20 Mb		\$924		
T301	Otech Support Fee			\$248	
T464	20 Mb Opt-E-Man Retirement Fee				\$600
AVPN 50 Mb Opt-E-Man					
T168	AVPN 50 Mb Opt-E-Man with 100 Mb port Telco	\$3,179			
T219	iHub 50 Mb		\$1,680		
T301	Otech Support Fee			\$248	
T467	50 Mb Opt-E-Man Retirement Fee				\$700
AVPN 100 Mb Opt-E-Man					
T171	AVPN 100 Mb Opt-E-Man with 100 Mb port Telco	\$4,360			
T221	iHub 100 Mb		\$2,520		
T301	Otech Support Fee			\$248	
T470	100 Mb Opt-E-Man w/ 100 Mb port Retirement Fee				\$800
AVPN 150 Mb Opt-E-Man					
T177	AVPN 150 Mb Opt-E-Man with 1 Gb port Telco	\$5,042			
T224	iHub 500 Mb		\$3,360		
T301	Otech Support Fee			\$248	
T476	150 Mb Opt-E-Man Retirement Fee				\$940
AVPN 250 Mb Opt-E-Man					
T180	AVPN 250 Mb Opt-E-Man with 1 Gb port Telco	\$7,809			
T224	iHub 500 Mb		\$3,360		
T301	Otech Support Fee			\$248	
T479	250 Mb Opt-E-Man Retirement Fee				\$1,000
AVPN 500 Mb Opt-E-Man					
T183	AVPN 500 Mb Opt-E-Man with 1 Gb port Telco	\$10,435			
T224	iHub 500 Mb		\$3,360		
T301	Otech Support Fee			\$248	
T482	500 Mb Opt-E-Man Retirement Fee				\$1,100

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Version 10
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Comp Code	Description	Telco Pass Through*	iHub	OTech Fee	CSGNet Retirement Fee
AVPN 600 Mb Opt-E-Man					
T186	AVPN 600 Mb Opt-E-Man with 1 Gb port Telco	\$11,470			
T227	iHub 1 Gb		\$4,200		
T301	Otech Support Fee			\$248	
T485	600 Mb Opt-E-Man Retirement Fee				\$1,140
AVPN 1 Gb Opt-E-Man					
T189	AVPN 1 Gb Opt-E-Man with 1 Gb port Telco	\$16,757			
T227	iHub 1 Gb		\$4,200		
T301	Otech Support Fee			\$248	
T488	1 Gb Opt-E-Man Retirement Fee				\$1,200

Switched Ethernet Circuits

20 Mb Switched Ethernet					
T166	20 Mb Switched Ethernet Telco	\$1,137			
T216	iHub 20 Mb		\$924		
T301	Otech Support Fee			\$248	
50 Mb Switched Ethernet					
T169	50 Mb Switched Ethernet Telco	\$1,234			
T219	iHub 50 Mb		\$1,680		
T301	Otech Support Fee			\$248	
100 Mb Switched Ethernet					
T172	100 Mb Switched Ethernet Telco	\$1,330			
T221	iHub 100 Mb		\$2,520		
T301	Otech Support Fee			\$248	
500 Mb Switched Ethernet					
T184	500 Mb Ethernet Telco	\$1,403			
T224	iHub 500 Mb		\$3,360		
T301	Otech Support Fee			\$248	

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Comp Code	Description	Telco Pass Through*	iHub	OTech Fee	CSGNet Retirement Fee
1 Gb Switched Ethernet					
T192	1 Gb Switched Ethernet Telco	\$1,497			
T227	iHub 1 Gb		\$4,200		
T301	Otech Support Fee			\$248	
10 Gb Switched Ethernet					
T193	10 Gb Switched Ethernet Telco	\$6,926			
T233	iHub 10 Gb		\$6,720		
T301	Otech Support Fee			\$248	

Opteman/Optewan Transport Fee

T601	2 MB OEM/OEW Port Connection	\$16
T603	4 MB OEM/OEW Port Connection	\$32
T605	5 MB OEM/OEW Port Connection	\$38
T607	10 MB OEM/OEW Port Connection	\$75
T609	20 MB OEM/OEW Port Connection	\$117
T611	50 MB OEM/OEW Port Connection	\$213
T613	100 MB OEM/OEW Port Connection	\$320
T615	500 MB OEM/OEW Port Connection	\$427
T617	1 GIG OEM/OEW Port Connection	\$533
T619	5 GIG OEM/OEW Port Connection	\$747
T621	10 GIG OEM/OEW Port Connection	\$853

Additional CGEN Telco Pass-Thru

T198	Gold Car	variable
T151	ETM/Netflow	\$5.23

Network Protocol Services

T501	AppleTalk for CGEN	\$75
T502	IPX/SPX for CGEN	\$75
T503	DLSW/SNA for CGEN	\$35
T504	Encryption	\$65

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Additional Services

T310	CGEN Opt-E-MAN Installation Fee	\$4,000			
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One-Time Charges/Adjustments

T514	ONE-TIME CHARGE	Variable			
T199	TELCO ADJUST (includes change charges)	Variable			
T299	iHUB ADJUST	Variable			
T399	OTECH ADJUST	Variable			
T499	RETIREMENT ADJUST	Variable			

* Telco prices can vary from site to site. In addition, prices will vary due to taxes and surcharges charged by the vendor. The Rates Methodology for CGEN is based primarily on pass through of vendor charges to the customers. Fees for managing the vendor, assisting with provisioning (DCS Fee), and for providing and maintaining the iHubs and Internet access (iHub/Internet Fee) are added to the vendor pass through. Until the current network, CSGnet, is completely de-populated and retired, a CSGnet Retirement Fee is also added. This particular fee will be eliminated once CSGnet is fully decommissioned.