

981834-TP
990321-TP

Switch Model Power Requirement (AMPS)

Model Office

- 1 700 line office, 72 trunks
- 2 1700 line office, 168 trunks
- 3 3400 line office, 336 trunks
- 4 5000 line office, 600 trunks
- 5 8300 line office, 1032 trunks
- 6 13,300 line office, 1752 trunks
- 7 29,200 line office, 3072 trunks
- 8 60,000 line office, 8520 trunks

Power Model	DMS-100	DMS-10	5ESS	GTD-5	Wtd Avg	PwrMod@80%

Tech weighting

Remotes

- 1 1300 lines
- 2 2330 lines
- 3 3750 lines

Notes:

**Highlighted information is redacted for reasons #1, #3 & #4.
Parties may obtain this information by signing a non-disclosure agreement.**

DOCUMENT REVIEWED
05518 JUN 20 8
FPSC-COMPLIANCE CLERK

DMS-100 SuperNode Power Requirement

*Based on Typical current drain per bay.

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700 line office, 72 trunks

Sub System	Frame	Quantity	Current	Total*
Peripheral				
Common Control				
Input/Output				
Total Switch Requirement				

1700 line office, 168 trunks

Sub System	Frame	Quantity	Current	Total
Peripheral				
Common Control				
Input/Output				
Total Switch Requirement				

DMS-100 SuperNode Power Requirement

*Based on Typical current drain per bay.

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3400 line office, 336 trunks

Sub System	Frame	Quantity	Current	Total
Peripheral				
Common Control				
Input/Output				
Total Switch Requirement				

5000 line office, 600 trunks

Sub System	Frame	Quantity	Current	Total
Peripheral				
Common Control				
Input/Output				
Total Switch Requirement				

8300 line office, 1032 trunks

Sub System	Frame	Quantity	Current	Total
Peripheral				
Common Control				
Input/Output				
Total Switch Requirement				

DMS-100 SuperNode Power Requirement

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13,300 line office, 1752 trunks

Sub System	Frame	Quantity	Current	Total
Peripheral				
Common Control				
Input/Output				
Total Switch Requirement				

29,200 line office, 3072 trunks

Sub System	Frame	Quantity	Current	Total
Peripheral				
Common Control				
Input/Output				
Total Switch Requirement				

DMS-100 SuperNode Power Requirement

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60,000 line office, 8520 trunks

Sub System	Frame	Quantity	Current	Total
Peripheral				
Common Control				
Input/Output				
Total Switch Requirement				

Notes:

1300 line remote

Sub System	Frame	Quantity	Current	Total
Peripheral				
Total Remote Requirement				

2333 line remote

Sub System	Frame	Quantity	Current	Total
Peripheral				
Total Remote Requirement				

3750 line remote

Sub System	Frame	Quantity	Current	Total
Peripheral				
Total Remote Requirement				

DMS-10 Power Requirement

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700 line office/ 72 trunks

Sub System	Frame	Quantity	Current	Total*
Peripheral				
Common Control				
Input/Output				
Total Switch Requirement				

1700 line office/ 168 trunks

Sub System	Frame	Quantity	Current	Total*
Peripheral				
Common Control				
Input/Output				
Total Switch Requirement				

3400 line office/ 336 trunks

Sub System	Frame	Quantity	Current	Total*
Peripheral				
Common Control				
Input/Output				
Total Switch Requirement				

5000 line office/ 600 trunks

Sub System	Frame	Quantity	Current	Total*
Peripheral				
Common Control				
Input/Output				
Total Switch Requirement				

DMS-10 Power Requirement

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8300 line office/ 1032 trunks

Sub System	Frame	Quantity	Current	Total*
Peripheral				
Common Control				
Input/Output				
Total Switch Requirement				

1300 line remote

Sub System	Frame	Quantity	Current	Total
Peripheral				
Total Remote Requirement				

2333 line remote

Sub System	Frame	Quantity	Current	Total
Peripheral				
Total Remote Requirement				

GTD-5 EAX Power Requirement

* Based on 70% maximum drain per bay

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700 line office/ 72 trunks

Sub System	Frame	Quantity	Current	Total*
CENT CNTRL				
PERIPHERAL				
CENT CNTRL				
CENT CNTRL				
PERIPHERAL				
PERIPHERAL				
PERIPHERAL				
MISC				
CENT CNTRL				
MISC				
MISC				
CENT CNTRL				
MISC				
NETWORK				
NETWORK				
Total Switch Requirement				

1700 line office/ 168 trunks

Sub System	Frame	Quantity	Current	Total
CENT CNTRL				
PERIPHERAL				
CENT CNTRL				
CENT CNTRL				
PERIPHERAL				
PERIPHERAL				
PERIPHERAL				
MISC				
CENT CNTRL				
MISC				
MISC				
CENT CNTRL				
MISC				
NETWORK				
NETWORK				
Total Switch Requirement				

GTD-5 EAX Power Requirement

• Based on 70% maximum drain per bay

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3400 line office/ 336 trunks

Sub System	Frame	Quantity	Current	Total
CENT CNTRL				
PERIPHERAL				
CENT CNTRL				
CENT CNTRL				
PERIPHERAL				
PERIPHERAL				
PERIPHERAL				
MISC				
CENT CNTRL				
MISC				
MISC				
CENT CNTRL				
MISC				
NETWORK				
NETWORK				
Total Switch Requirement				

5,000 line office/ 792 trunks

Sub System	Frame	Quantity	Current	Total
CENT CNTRL				
PERIPHERAL				
CENT CNTRL				
CENT CNTRL				
PERIPHERAL				
PERIPHERAL				
PERIPHERAL				
MISC				
CENT CNTRL				
MISC				
MISC				
CENT CNTRL				
MISC				
NETWORK				
NETWORK				
Total Switch Requirement				

GTD-5 EAX Power Requirement

* Based on 70% maximum drain per bay

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8,300 line office/ 1,416 trunks

Sub System	Frame	Quantity	Current	Total
CENT CNTRL				
PERIPHERAL				
CENT CNTRL				
CENT CNTRL				
PERIPHERAL				
PERIPHERAL				
PERIPHERAL				
MISC				
CENT CNTRL				
MISC				
MISC				
CENT CNTRL				
MISC				
NETWORK				
NETWORK				
Total Switch Requirement				

13,300 line office/ 2,112 trunks

Sub System	Frame	Quantity	Current	Total
CENT CNTRL				
PERIPHERAL				
CENT CNTRL				
CENT CNTRL				
PERIPHERAL				
PERIPHERAL				
PERIPHERAL				
MISC				
CENT CNTRL				
MISC				
MISC				
CENT CNTRL				
MISC				
NETWORK				
NETWORK				
Total Switch Requirement				

GTD-5 EAX Power Requirement

* Based on 70% maximum drain per bay

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29,200 line office/ 3,768 trunks

Sub System	Frame	Quantity	Current	Total
CENT CNTRL				
PERIPHERAL				
CENT CNTRL				
CENT CNTRL				
PERIPHERAL				
PERIPHERAL				
PERIPHERAL				
MISC				
CENT CNTRL				
MISC				
MISC				
CENT CNTRL				
MISC				
NETWORK				
NETWORK				
Total Switch Requirement				

60,000 line office/ 8,760 trunks

Sub System	Frame	Quantity	Current	Total
CENT CNTRL				
PERIPHERAL				
CENT CNTRL				
CENT CNTRL				
PERIPHERAL				
PERIPHERAL				
PERIPHERAL				
MISC				
CENT CNTRL				
MISC				
MISC				
CENT CNTRL				
MISC				
NETWORK				
NETWORK				
Total Switch Requirement				

GTD-5 EAX Power Requirement

* Based on 70% maximum drain per bay

**Highlighted information is redacted for reasons #1, #3 & #4.
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1300 line remote

Sub System	Frame	Quantity	Current	Total
Peripheral				
Total Remote Requirement				

2333 line remote

Sub System	Frame	Quantity	Current	Total
Peripheral				
Total Remote Requirement				

3750 line remote

Sub System	Frame	Quantity	Current	Total
Peripheral				
Total Remote Requirement				

VERIZON
INFOSPEED - DSL

<u>ITEM</u>	<u>SOURCE</u>	<u>Weighted VERIZON</u>
1. Unit Investment - Note 1	Company Study	
2. Depreciation	Company Study	
3. Cost of Money - Note 2	Company Study	REDACTED
4. Income Taxes	Company Study	
5. Maintenance	Company Study	
6. Administration	Company Study	
7. Other Taxes	Company Study	
8. Total Direct Cost	Ln 2..Ln 7	
9. Annualized portion of nonrecurring cost adjusted for the cost of money(11.25%)		
10. Other Expenses - Note 3	Company Study	
11. Total Annual Cost	Ln 8..Ln10	
12. Monthly Cost	Ln 11/12	
13 Monthly Rate		
<u>Ratios</u>		
13. Annual Cost/Investment	Ln 8/Ln 1	
14. Cost/Monthly Rate	Ln 12/Ln 13	

Note 1 - Unit Investment include capital required to purchase circuit equipment, central office equipment and interoffice facilities.

Note 2 - This reflects the Cost of Money component for VZ East (fBA) only. The Cost of Money component for VZ West (fGTE) is included in the Depreciation cost on Line 2.

Note 3 - Other Expenses relates to the support functions performed by Network and Marketing, Research and Development, Procurement, and Information Systems.