



**OFFICE OF THE REGISTRAR GENERAL, INDIA**  
(GOVERNMENT OF INDIA, MINISTRY OF HOME AFFAIRS)  
**Data Processing Division, E Wing, II Floor, Pushpa Bhawan,**  
**New Delhi - 110 062**

Tele-Fax: (011) 29054631  
E-Mail : blj1949.rgi@nic.in

Tel : (011) 29051558,  
29955275, 29054560

F.No:35301/1/2008-DPD

Dated: 5<sup>th</sup> November 2008

B. L. Jain  
Additional Director (EDP)

To  
The DCO / Data Center In-charge ,  
Directorate of Census Operations  
CHANDIGARH

EDP Circular – I

Subject:- Workload, distribution of Computer hardware equipments  
(tentative) and related guidelines for data centres.

Sir / Madam,

The attached statement shows the allocation of workload (approximate) to be handled at your data center in respect of Houselist and Household projects of 2011 Census of India, distribution of proposed computers & peripherals to be installed and data centre related guidelines. NIC has suggested minimum space and power connections required at the Data center.

On the basis of the tentative workload and equipment proposed, you may start discussions with local authorities (like CPWD/PWD etc) for obtaining estimates for up-gradation of data centre w.r.t. civil, electrical and other infrastructure related items.

Progress in this regard may be sent to DP Division.

Yours faithfully,

(B.L.Jain)  
Addl.Director (EDP)

**Attachment to Letter No: 35301/1/2008-DPD**

**(A) Houelist Project**

Name of State/UT	Estimated workload
	Total number of forms
CHANDIGARH (J&K, HP, PUNJAB, HARYANA)	720827

**(B) Household Project**

Name of State/UT	Estimated workload
	Total number of forms
CHANDIGARH (J&K, HP, PUNJAB, HARYANA)	15602230

**(C) Proposed Computers and peripherals.**

1.Servers	3
2.PC nodes	72
3.Scanners	2
4.Laser printer	3
5. 24 port Switch for LAN	4
6. UPS (KVA)	40
7. DG Set (KVA)	80

(D) Guidelines for data centre (minimum requirement):

1. Scanner:- 60 Sq.Ft per scanner
2. Server room :- 100 Sq.Ft
3. PC: - 20 Sq.Ft per PC
4. Pre scanning area:- 400 Sq.Ft per scanner.
5. AC capacity:- 1.5 Ton per 100 Sq.Ft., Power load for each AC:- 2.5 KVA
6. UPS load:- 10KVA per server with 20-25 clients, 1 Printer, 1 Scanner
7. DG set capacity:- 1.5 time of UPS Capacity should be taken while calculating DG set rating. ACs installed in Server room, Scanner and UPS room should be on DG set including 25% of the AC installed in PC area and all electrical fittings.
8. DG set power and normal power to be input to UPS, ACs and electrical fittings. In case of normal power failure, power from DG set should go to equipments through UPS.
9. UPS power to be input to scanners, servers, PCs and few tube lights.
10. Each server & PC should have 2 numbers of 5 amp and one number of dual 5/15 amp sockets.
11. Arrangement for proper earthing must be ensure.
12. Get a written certificate from CPWD or vendor who is maintaining ACs of data centres that out of total ACs in data centre how many ACs are in working conditions and that they would be able to maintain them at least up to year 2015. (It is very important and urgent). ACs for Server, UPS and scanner room should be new one. For the other area, a mix of new and old ACs can be planned.



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E-Mail : blj1949.rgi@nic.in

Tel : (011) 29051558,  
29955275, 29054560

F.No:35301/1/2008-DPD

Dated: 5<sup>th</sup> November 2008

B. L. Jain  
Additional Director (EDP)

To  
The DCO / Data Center In-charge ,  
Directorate of Census Operations  
DELHI

EDP Circular – I

Subject:- Workload, distribution of Computer hardware equipments  
(tentative) and related guidelines for data centres.

Sir / Madam,

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On the basis of the tentative workload and equipment proposed, you may start discussions with local authorities (like CPWD/PWD etc) for obtaining estimates for up-gradation of data centre w.r.t. civil, electrical and other infrastructure related items.

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Yours faithfully,

(B.L.Jain)  
Addl.Director (EDP)

**Attachment to Letter No: 35301/1/2008-DPD**

**(A) Houselist Project**

Name of State/UT	Estimated workload
	Total number of forms
DELHI (Uttranchal, U.P. 50%)	2181809

**(B) Household Project**

Name of State/UT	Estimated workload
	Total number of forms
DELHI (Uttranchal, U.P. 50%)	28107787

**(C) Proposed Computers and peripherals.**

1.Servers	4
2.PC nodes	121
3.Scanners	3
4.Laser printer	4
5. 24 port Switch for LAN	5
6. UPS (KVA)	60
7. DG Set (KVA)	120

(E) Guidelines for data centre (minimum requirement):

13. Scanner:- 60 Sq.Ft per scanner
14. Server room :- 100 Sq.Ft
15. PC: - 20 Sq.Ft per PC
16. Pre scanning area:- 400 Sq.Ft per scanner.
17. AC capacity:- 1.5 Ton per 100 Sq.Ft., Power load for each AC:- 2.5 KVA
18. UPS load:- 10KVA per server with 20-25 clients, 1 Printer, 1 Scanner
19. DG set capacity:- 1.5 time of UPS Capacity should be taken while calculating DG set rating. ACs installed in Server room, Scanner and UPS room should be on DG set including 25% of the AC installed in PC area and all electrical fittings.
20. DG set power and normal power to be input to UPS, ACs and electrical fittings. In case of normal power failure, power from DG set should go to equipments through UPS.
21. UPS power to be input to scanners, servers, PCs and few tube lights.
22. Each server & PC should have 2 numbers of 5 amp and one number of dual 5/15 amp sockets.
23. Arrangement for proper earthing must be ensure.
24. Get a written certificate from CPWD or vendor who is maintaining ACs of data centres that out of total ACs in data centre how many ACs are in working conditions and that they would be able to maintain them at least up to year 2015. (It is very important and urgent). ACs for Server, UPS and scanner room should be new one. For the other area, a mix of new and old ACs can be planned.



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F.No:35301/1/2008-DPD

Dated: 5<sup>th</sup> November 2008

B. L. Jain  
Additional Director (EDP)

To  
The DCO / Data Center In-charge ,  
Directorate of Census Operations  
UTTAR PRADESH

EDP Circular – I

Subject:- Workload, distribution of Computer hardware equipments  
(tentative) and related guidelines for data centres.

Sir / Madam,

The attached statement shows the allocation of workload (approximate) to be handled at your data center in respect of Houselist and Household projects of 2011 Census of India, distribution of proposed computers & peripherals to be installed and data centre related guidelines. NIC has suggested minimum space and power connections required at the Data center.

On the basis of the tentative workload and equipment proposed, you may start discussions with local authorities (like CPWD/PWD etc) for obtaining estimates for up-gradation of data centre w.r.t. civil, electrical and other infrastructure related items.

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Yours faithfully,

(B.L.Jain)  
Addl.Director (EDP)

**Attachment to Letter No: 35301/1/2008-DPD**

**(A) Houselist Project**

Name of State/UT	Estimated workload
	Total number of forms
UTTAR PRADESH (50%)	1902589

**(B) Household Project**

Name of State/UT	Estimated workload
	Total number of forms
UTTAR PRADESH (50%)	22131765

**(C) Proposed Computers and peripherals.**

1.Servers	3
2.PC nodes	118
3.Scanners	2
4.Laser printer	4
5. 24 port Switch for LAN	5
6. UPS (KVA)	50
7. DG Set (KVA)	102



(F) Guidelines for data centre (minimum requirement):

25. Scanner:- 60 Sq.Ft per scanner
26. Server room :- 100 Sq.Ft
27. PC: - 20 Sq.Ft per PC
28. Pre scanning area:- 400 Sq.Ft per scanner.
29. AC capacity:- 1.5 Ton per 100 Sq.Ft., Power load for each AC:- 2.5 KVA
30. UPS load:- 10KVA per server with 20-25 clients, 1 Printer, 1 Scanner
31. DG set capacity:- 1.5 time of UPS Capacity should be taken while calculating DG set rating. ACs installed in Server room, Scanner and UPS room should be on DG set including 25% of the AC installed in PC area and all electrical fittings.
32. DG set power and normal power to be input to UPS, ACs and electrical fittings. In case of normal power failure, power from DG set should go to equipments through UPS.
33. UPS power to be input to scanners, servers, PCs and few tube lights.
34. Each server & PC should have 2 numbers of 5 amp and one number of dual 5/15 amp sockets.
35. Arrangement for proper earthing must be ensure.
36. Get a written certificate from CPWD or vendor who is maintaining ACs of data centres that out of total ACs in data centre how many ACs are in working conditions and that they would be able to maintain them at least up to year 2015. (It is very important and urgent). ACs for Server, UPS and scanner room should be new one. For the other area, a mix of new and old ACs can be planned.



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B. L. Jain  
Additional Director (EDP)

To  
The DCO / Data Center In-charge ,  
Directorate of Census Operations  
BIHAR

EDP Circular – I

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(tentative) and related guidelines for data centres.

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Progress in this regard may be sent to DP Division.

Yours faithfully,

(B.L.Jain)  
Addl.Director (EDP)

**Attachment to Letter No: 35301/1/2008-DPD**

**(A) Houselist Project**

Name of State/UT	Estimated workload
	Total number of forms
BIHAR	963099

**(B) Household Project**

Name of State/UT	Estimated workload
	Total number of forms
BIHAR	21613657

**(C) Proposed Computers and peripherals.**

1.Servers	3
2.PC nodes	92
3.Scanners	2
4.Laser printer	4
5. 24 port Switch for LAN	5
6. UPS (KVA)	50
7. DG Set (KVA)	101

(G) Guidelines for data centre (minimum requirement):

37. Scanner:- 60 Sq.Ft per scanner
38. Server room :- 100 Sq.Ft
39. PC: - 20 Sq.Ft per PC
40. Pre scanning area:- 400 Sq.Ft per scanner.
41. AC capacity:- 1.5 Ton per 100 Sq.Ft., Power load for each AC:- 2.5 KVA
42. UPS load:- 10KVA per server with 20-25 clients, 1 Printer, 1 Scanner
43. DG set capacity:- 1.5 time of UPS Capacity should be taken while calculating DG set rating. ACs installed in Server room, Scanner and UPS room should be on DG set including 25% of the AC installed in PC area and all electrical fittings.
44. DG set power and normal power to be input to UPS, ACs and electrical fittings. In case of normal power failure, power from DG set should go to equipments through UPS.
45. UPS power to be input to scanners, servers, PCs and few tube lights.
46. Each server & PC should have 2 numbers of 5 amp and one number of dual 5/15 amp sockets.
47. Arrangement for proper earthing must be ensure.
48. Get a written certificate from CPWD or vendor who is maintaining ACs of data centres that out of total ACs in data centre how many ACs are in working conditions and that they would be able to maintain them at least up to year 2015. (It is very important and urgent). ACs for Server, UPS and scanner room should be new one. For the other area, a mix of new and old ACs can be planned.



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Dated: 5<sup>th</sup> November 2008

B. L. Jain  
Additional Director (EDP)

To  
The DCO / Data Center In-charge ,  
Directorate of Census Operations  
RAJASTHAN

EDP Circular – I

Subject:- Workload, distribution of Computer hardware equipments  
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Addl.Director (EDP)

**Attachment to Letter No: 35301/1/2008-DPD**

**(A) Houselist Project**

Name of State/UT	Estimated workload
	Total number of forms
RAJASTHAN	652872

**(B) Household Project**

Name of State/UT	Estimated workload
	Total number of forms
RAJASTHAN	14994205

**(C) Proposed Computers and peripherals.**

1.Servers	3
2.PC nodes	68
3.Scanners	2
4.Laser printer	3
5. 24 port Switch for LAN	4
6. UPS (KVA)	40
7. DG Set (KVA)	78

(H) Guidelines for data centre (minimum requirement):

49. Scanner:- 60 Sq.Ft per scanner
50. Server room :- 100 Sq.Ft
51. PC: - 20 Sq.Ft per PC
52. Pre scanning area:- 400 Sq.Ft per scanner.
53. AC capacity:- 1.5 Ton per 100 Sq.Ft., Power load for each AC:- 2.5 KVA
54. UPS load:- 10KVA per server with 20-25 clients, 1 Printer, 1 Scanner
55. DG set capacity:- 1.5 time of UPS Capacity should be taken while calculating DG set rating. ACs installed in Server room, Scanner and UPS room should be on DG set including 25% of the AC installed in PC area and all electrical fittings.
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Additional Director (EDP)

To  
The DCO / Data Center In-charge ,  
Directorate of Census Operations  
ASSAM

EDP Circular – I

Subject:- Workload, distribution of Computer hardware equipments (tentative) and related guidelines for data centres.

Sir / Madam,

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Addl.Director (EDP)



**Attachment to Letter No: 35301/1/2008-DPD**

**(A) Houelist Project**

Name of State/UT	Estimated workload
	Total number of forms
ASSAM (Sikkim, ARP, Nagaland, Manipur, Mizoram, Tripura, Meghalaya)	471086

**(B) Household Project**

Name of State/UT	Estimated workload
	Total number of forms
ASSAM (Sikkim, ARP, Nagaland, Manipur, Mizoram, Tripura, Meghalaya)	9325282

**(C) Proposed Computers and peripherals.**

1.Servers	2
2.PC nodes	42
3.Scanners	1
4.Laser printer	2
5. 24 port Switch for LAN	3
6. UPS (KVA)	30
7. DG Set (KVA)	54

(I) Guidelines for data centre (minimum requirement):

61. Scanner:- 60 Sq.Ft per scanner
62. Server room :- 100 Sq.Ft
63. PC: - 20 Sq.Ft per PC
64. Pre scanning area:- 400 Sq.Ft per scanner.
65. AC capacity:- 1.5 Ton per 100 Sq.Ft., Power load for each AC:- 2.5 KVA
66. UPS load:- 10KVA per server with 20-25 clients, 1 Printer, 1 Scanner
67. DG set capacity:- 1.5 time of UPS Capacity should be taken while calculating DG set rating. ACs installed in Server room, Scanner and UPS room should be on DG set including 25% of the AC installed in PC area and all electrical fittings.
68. DG set power and normal power to be input to UPS, ACs and electrical fittings. In case of normal power failure, power from DG set should go to equipments through UPS.
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B. L. Jain  
Additional Director (EDP)

To  
The DCO / Data Center In-charge ,  
Directorate of Census Operations  
WEST BENGAL

EDP Circular – I

Subject:- Workload, distribution of Computer hardware equipments (tentative) and related guidelines for data centres.

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**Attachment to Letter No: 35301/1/2008-DPD**

**(A) Houselist Project**

Name of State/UT	Estimated workload
	Total number of forms
WEST BENGAL (A&N Island)	842133

**(B) Household Project**

Name of State/UT	Estimated workload
	Total number of forms
WEST BENGAL (A&N Island)	18893124

**(C) Proposed Computers and peripherals.**

1.Servers	3
2.PC nodes	88
3.Scanners	2
4.Laser printer	3
5. 24 port Switch for LAN	5
6. UPS (KVA)	40
7. DG Set (KVA)	87

(J) Guidelines for data centre (minimum requirement):

73. Scanner:- 60 Sq.Ft per scanner
74. Server room :- 100 Sq.Ft
75. PC: - 20 Sq.Ft per PC
76. Pre scanning area:- 400 Sq.Ft per scanner.
77. AC capacity:- 1.5 Ton per 100 Sq.Ft., Power load for each AC:- 2.5 KVA
78. UPS load:- 10KVA per server with 20-25 clients, 1 Printer, 1 Scanner
79. DG set capacity:- 1.5 time of UPS Capacity should be taken while calculating DG set rating. ACs installed in Server room, Scanner and UPS room should be on DG set including 25% of the AC installed in PC area and all electrical fittings.
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To  
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ORISSA

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Addl. Director (EDP)

**Attachment to Letter No: 35301/1/2008-DPD**

**(A) Houelist Project**

Name of State/UT	Estimated workload
	Total number of forms
ORISSA (Jharkhand Scanning only)	802871

**(B) Household Project**

Name of State/UT	Estimated workload
	Total number of forms
ORISSA (Jharkhand Scanning only)	15301619

**(C) Proposed Computers and peripherals.**

1.Servers	3
2.PC nodes	41
3.Scanners	2
4.Laser printer	3
5. 24 port Switch for LAN	3
6. UPS (KVA)	40
7. DG Set (KVA)	79

(K) Guidelines for data centre (minimum requirement):

85. Scanner:- 60 Sq.Ft per scanner
86. Server room :- 100 Sq.Ft
87. PC: - 20 Sq.Ft per PC
88. Pre scanning area:- 400 Sq.Ft per scanner.
89. AC capacity:- 1.5 Ton per 100 Sq.Ft., Power load for each AC:- 2.5 KVA
90. UPS load:- 10KVA per server with 20-25 clients, 1 Printer, 1 Scanner
91. DG set capacity:- 1.5 time of UPS Capacity should be taken while calculating DG set rating. ACs installed in Server room, Scanner and UPS room should be on DG set including 25% of the AC installed in PC area and all electrical fittings.
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To  
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Directorate of Census Operations  
MADHYA PRADESH

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On the basis of the tentative workload and equipment proposed, you may start discussions with local authorities (like CPWD/PWD etc) for obtaining estimates for up-gradation of data centre w.r.t. civil, electrical and other infrastructure related items.

Progress in this regard may be sent to DP Division.

Yours faithfully,

(B.L.Jain)  
Addl. Director (EDP)

**Attachment to Letter No: 35301/1/2008-DPD**

**(A) Houeslist Project**

Name of State/UT	Estimated workload
	Total number of forms
MADHYA PRADESH (Chhattisgarh)	943175

**(B) Household Project**

Name of State/UT	Estimated workload
	Total number of forms
MADHYA PRADESH (Chhattisgarh)	20655272

**(C) Proposed Computers and peripherals.**

1.Servers	3
2.PC nodes	89
3.Scanners	2
4.Laser printer	4
5. 24 port Switch for LAN	5
6. UPS (KVA)	40
7. DG Set (KVA)	98

(L) Guidelines for data centre (minimum requirement):

97. Scanner:- 60 Sq.Ft per scanner
98. Server room :- 100 Sq.Ft
99. PC: - 20 Sq.Ft per PC
100. Pre scanning area:- 400 Sq.Ft per scanner.
101. AC capacity:- 1.5 Ton per 100 Sq.Ft., Power load for each AC:- 2.5 KVA
102. UPS load:- 10KVA per server with 20-25 clients, 1 Printer, 1 Scanner
103. DG set capacity:- 1.5 time of UPS Capacity should be taken while calculating DG set rating. ACs installed in Server room, Scanner and UPS room should be on DG set including 25% of the AC installed in PC area and all electrical fittings.
104. DG set power and normal power to be input to UPS, ACs and electrical fittings. In case of normal power failure, power from DG set should go to equipments through UPS.
105. UPS power to be input to scanners, servers, PCs and few tube lights.
106. Each server & PC should have 2 numbers of 5 amp and one number of dual 5/15 amp sockets.
107. Arrangement for proper earthing must be ensure.
108. Get a written certificate from CPWD or vendor who is maintaining ACs of data centres that out of total ACs in data centre how many ACs are in working conditions and that they would be able to maintain them at least up to year 2015. (It is very important and urgent). ACs for Server, UPS and scanner room should be new one. For the other area, a mix of new and old ACs can be planned.



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(GOVERNMENT OF INDIA, MINISTRY OF HOME AFFAIRS)  
**Data Processing Division, E Wing, II Floor, Pushpa Bhawan,**  
**New Delhi - 110 062**

Tele-Fax: (011) 29054631  
E-Mail : blj1949.rgi@nic.in

Tel : (011) 29051558,  
29955275, 29054560

F.No:35301/1/2008-DPD

Dated: 5<sup>th</sup> November 2008

B. L. Jain  
Additional Director (EDP)

To  
The DCO / Data Center In-charge ,  
Directorate of Census Operations  
GUJARAT

EDP Circular – I

Subject:- Workload, distribution of Computer hardware equipments  
(tentative) and related guidelines for data centres.

Sir / Madam,

The attached statement shows the allocation of workload (approximate) to be handled at your data center in respect of Houselist and Household projects of 2011 Census of India, distribution of proposed computers & peripherals to be installed and data centre related guidelines. NIC has suggested minimum space and power connections required at the Data center.

On the basis of the tentative workload and equipment proposed, you may start discussions with local authorities (like CPWD/PWD etc) for obtaining estimates for up-gradation of data centre w.r.t. civil, electrical and other infrastructure related items.

Progress in this regard may be sent to DP Division.

Yours faithfully,

(B.L.Jain)  
Addl.Director (EDP)

**Attachment to Letter No: 35301/1/2008-DPD**

**(A) Houelist Project**

Name of State/UT	Estimated workload
	Total number of forms
GUJARAT (D&D, DNH, Maharashtra 20%)	1534360

**(B) Household Project**

Name of State/UT	Estimated workload
	Total number of forms
GUJARAT (D&D, DNH, Maharashtra 20%)	17283828

**(C) Proposed Computers and peripherals.**

1.Servers	3
2.PC nodes	75
3.Scanners	2
4.Laser printer	3
5. 24 port Switch for LAN	4
6. UPS (KVA)	40
7. DG Set (KVA)	83

(M) Guidelines for data centre (minimum requirement):

109. Scanner:- 60 Sq.Ft per scanner
110. Server room :- 100 Sq.Ft
111. PC: - 20 Sq.Ft per PC
112. Pre scanning area:- 400 Sq.Ft per scanner.
113. AC capacity:- 1.5 Ton per 100 Sq.Ft., Power load for each AC:- 2.5 KVA
114. UPS load:- 10KVA per server with 20-25 clients, 1 Printer, 1 Scanner
115. DG set capacity:- 1.5 time of UPS Capacity should be taken while calculating DG set rating. ACs installed in Server room, Scanner and UPS room should be on DG set including 25% of the AC installed in PC area and all electrical fittings.
116. DG set power and normal power to be input to UPS, ACs and electrical fittings. In case of normal power failure, power from DG set should go to equipments through UPS.
117. UPS power to be input to scanners, servers, PCs and few tube lights.
118. Each server & PC should have 2 numbers of 5 amp and one number of dual 5/15 amp sockets.
119. Arrangement for proper earthing must be ensure.
120. Get a written certificate from CPWD or vendor who is maintaining ACs of data centres that out of total ACs in data centre how many ACs are in working conditions and that they would be able to maintain them at least up to year 2015. (It is very important and urgent). ACs for Server, UPS and scanner room should be new one. For the other area, a mix of new and old ACs can be planned.



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(GOVERNMENT OF INDIA, MINISTRY OF HOME AFFAIRS)  
**Data Processing Division, E Wing, II Floor, Pushpa Bhawan,**  
**New Delhi - 110 062**

Tele-Fax: (011) 29054631  
E-Mail : blj1949.rgi@nic.in

Tel : (011) 29051558,  
29955275, 29054560

F.No:35301/1/2008-DPD

Dated: 5<sup>th</sup> November 2008

B. L. Jain  
Additional Director (EDP)

To  
The DCO / Data Center In-charge ,  
Directorate of Census Operations  
MAHARASHTRA

EDP Circular – I

Subject:- Workload, distribution of Computer hardware equipments  
(tentative) and related guidelines for data centres.

Sir / Madam,

The attached statement shows the allocation of workload (approximate) to be handled at your data center in respect of Houselist and Household projects of 2011 Census of India, distribution of proposed computers & peripherals to be installed and data centre related guidelines. NIC has suggested minimum space and power connections required at the Data center.

On the basis of the tentative workload and equipment proposed, you may start discussions with local authorities (like CPWD/PWD etc) for obtaining estimates for up-gradation of data centre w.r.t. civil, electrical and other infrastructure related items.

Progress in this regard may be sent to DP Division.

Yours faithfully,

(B.L.Jain)  
Addl.Director (EDP)

**Attachment to Letter No: 35301/1/2008-DPD**

**(A) Houelist Project**

Name of State/UT	Estimated workload
	Total number of forms
MAHARASHTRA (80% of Mah, Goa)	1021724

**(B) Household Project**

Name of State/UT	Estimated workload
	Total number of forms
MAHARASHTRA (80% of Mah, Goa)	19264703

**(C) Proposed Computers and peripherals.**

1.Servers	3
2.PC nodes	90
3.Scanners	2
4.Laser printer	3
5. 24 port Switch for LAN	5
6. UPS (KVA)	40
7. DG Set (KVA)	88



(N) Guidelines for data centre (minimum requirement):

121. Scanner:- 60 Sq.Ft per scanner
122. Server room :- 100 Sq.Ft
123. PC: - 20 Sq.Ft per PC
124. Pre scanning area:- 400 Sq.Ft per scanner.
125. AC capacity:- 1.5 Ton per 100 Sq.Ft., Power load for each AC:- 2.5 KVA
126. UPS load:- 10KVA per server with 20-25 clients, 1 Printer, 1 Scanner
127. DG set capacity:- 1.5 time of UPS Capacity should be taken while calculating DG set rating. ACs installed in Server room, Scanner and UPS room should be on DG set including 25% of the AC installed in PC area and all electrical fittings.
128. DG set power and normal power to be input to UPS, ACs and electrical fittings. In case of normal power failure, power from DG set should go to equipments through UPS.
129. UPS power to be input to scanners, servers, PCs and few tube lights.
130. Each server & PC should have 2 numbers of 5 amp and one number of dual 5/15 amp sockets.
131. Arrangement for proper earthing must be ensure.
132. Get a written certificate from CPWD or vendor who is maintaining ACs of data centres that out of total ACs in data centre how many ACs are in working conditions and that they would be able to maintain them at least up to year 2015. (It is very important and urgent). ACs for Server, UPS and scanner room should be new one. For the other area, a mix of new and old ACs can be planned.



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(GOVERNMENT OF INDIA, MINISTRY OF HOME AFFAIRS)  
**Data Processing Division, E Wing, II Floor, Pushpa Bhawan,**  
**New Delhi - 110 062**

Tele-Fax: (011) 29054631  
E-Mail : blj1949.rgi@nic.in

Tel : (011) 29051558,  
29955275, 29054560

F.No:35301/1/2008-DPD

Dated: 5<sup>th</sup> November 2008

B. L. Jain  
Additional Director (EDP)

To  
The DCO / Data Center In-charge ,  
Directorate of Census Operations  
ANDHRA PRADESH

EDP Circular – I

Subject:- Workload, distribution of Computer hardware equipments  
(tentative) and related guidelines for data centres.

Sir / Madam,

The attached statement shows the allocation of workload (approximate) to be handled at your data center in respect of Houselist and Household projects of 2011 Census of India, distribution of proposed computers & peripherals to be installed and data centre related guidelines. NIC has suggested minimum space and power connections required at the Data center.

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Progress in this regard may be sent to DP Division.

Yours faithfully,

(B.L.Jain)  
Addl. Director (EDP)

**Attachment to Letter No: 35301/1/2008-DPD**

**(A) Houselist Project**

Name of State/UT	Estimated workload
	Total number of forms
ANDHRA PRADESH	777963

**(B) Household Project**

Name of State/UT	Estimated workload
	Total number of forms
ANDHRA PRADESH	17506294

**(C) Proposed Computers and peripherals.**

1.Servers	3
2.PC nodes	80
3.Scanners	2
4.Laser printer	3
5. 24 port Switch for LAN	4
6. UPS (KVA)	40
7. DG Set (KVA)	85

(O) Guidelines for data centre (minimum requirement):

133. Scanner:- 60 Sq.Ft per scanner
134. Server room :- 100 Sq.Ft
135. PC: - 20 Sq.Ft per PC
136. Pre scanning area:- 400 Sq.Ft per scanner.
137. AC capacity:- 1.5 Ton per 100 Sq.Ft., Power load for each AC:- 2.5 KVA
138. UPS load:- 10KVA per server with 20-25 clients, 1 Printer, 1 Scanner
139. DG set capacity:- 1.5 time of UPS Capacity should be taken while calculating DG set rating. ACs installed in Server room, Scanner and UPS room should be on DG set including 25% of the AC installed in PC area and all electrical fittings.
140. DG set power and normal power to be input to UPS, ACs and electrical fittings. In case of normal power failure, power from DG set should go to equipments through UPS.
141. UPS power to be input to scanners, servers, PCs and few tube lights.
142. Each server & PC should have 2 numbers of 5 amp and one number of dual 5/15 amp sockets.
143. Arrangement for proper earthing must be ensure.
144. Get a written certificate from CPWD or vendor who is maintaining ACs of data centres that out of total ACs in data centre how many ACs are in working conditions and that they would be able to maintain them at least up to year 2015. (It is very important and urgent). ACs for Server, UPS and scanner room should be new one. For the other area, a mix of new and old ACs can be planned.



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Tele-Fax: (011) 29054631  
E-Mail : blj1949.rgi@nic.in

Tel : (011) 29051558,  
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Dated: 5<sup>th</sup> November 2008

B. L. Jain  
Additional Director (EDP)

To  
The DCO / Data Center In-charge ,  
Directorate of Census Operations  
KARNATAKA

EDP Circular – I

Subject:- Workload, distribution of Computer hardware equipments  
(tentative) and related guidelines for data centres.

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**Attachment to Letter No: 35301/1/2008-DPD**

**(A) Houselist Project**

Name of State/UT	Estimated workload
	Total number of forms
KARNATAKA	551698

**(B) Household Project**

Name of State/UT	Estimated workload
	Total number of forms
KARNATAKA	12523533

**(C) Proposed Computers and peripherals.**

1.Servers	3
2.PC nodes	62
3.Scanners	2
4.Laser printer	3
5. 24 port Switch for LAN	3
6. UPS (KVA)	40
7. DG Set (KVA)	71

(P) Guidelines for data centre (minimum requirement):

145. Scanner:- 60 Sq.Ft per scanner
146. Server room :- 100 Sq.Ft
147. PC: - 20 Sq.Ft per PC
148. Pre scanning area:- 400 Sq.Ft per scanner.
149. AC capacity:- 1.5 Ton per 100 Sq.Ft., Power load for each AC:- 2.5 KVA
150. UPS load:- 10KVA per server with 20-25 clients, 1 Printer, 1 Scanner
151. DG set capacity:- 1.5 time of UPS Capacity should be taken while calculating DG set rating. ACs installed in Server room, Scanner and UPS room should be on DG set including 25% of the AC installed in PC area and all electrical fittings.
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B. L. Jain  
Additional Director (EDP)

To  
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Directorate of Census Operations  
KERALA

EDP Circular – I

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Addl. Director (EDP)



**Attachment to Letter No: 35301/1/2008-DPD**

**(A) Houelist Project**

Name of State/UT	Estimated workload
	Total number of forms
KERALA (Lakshadweep)	309086

**(B) Household Project**

Name of State/UT	Estimated workload
	Total number of forms
KERALA (Lakshadweep)	7239234

**(C) Proposed Computers and peripherals.**

1.Servers	2
2.PC nodes	36
3.Scanners	1
4.Laser printer	2
5. 24 port Switch for LAN	2
6. UPS (KVA)	20
7. DG Set (KVA)	48

(Q) Guidelines for data centre (minimum requirement):

157. Scanner:- 60 Sq.Ft per scanner
158. Server room :- 100 Sq.Ft
159. PC: - 20 Sq.Ft per PC
160. Pre scanning area:- 400 Sq.Ft per scanner.
161. AC capacity:- 1.5 Ton per 100 Sq.Ft., Power load for each AC:- 2.5 KVA
162. UPS load:- 10KVA per server with 20-25 clients, 1 Printer, 1 Scanner
163. DG set capacity:- 1.5 time of UPS Capacity should be taken while calculating DG set rating. ACs installed in Server room, Scanner and UPS room should be on DG set including 25% of the AC installed in PC area and all electrical fittings.
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Tel : (011) 29051558,  
29955275, 29054560

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B. L. Jain  
Additional Director (EDP)

To  
The DCO / Data Center In-charge ,  
Directorate of Census Operations  
TAMIL NADU

EDP Circular – I

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**Attachment to Letter No: 35301/1/2008-DPD**

**(A) Houselist Project**

Name of State/UT	Estimated workload
	Total number of forms
TAMILNADU (Pondicherry)	594645

**(B) Household Project**

Name of State/UT	Estimated workload
	Total number of forms
TAMILNADU (Pondicherry)	14164370

**(C) Proposed Computers and peripherals.**

1.Servers	3
2.PC nodes	68
3.Scanners	2
4.Laser printer	3
5. 24 port Switch for LAN	4
6. UPS (KVA)	40
7. DG Set (KVA)	74

(R) Guidelines for data centre (minimum requirement):

169. Scanner:- 60 Sq.Ft per scanner
170. Server room :- 100 Sq.Ft
171. PC: - 20 Sq.Ft per PC
172. Pre scanning area:- 400 Sq.Ft per scanner.
173. AC capacity:- 1.5 Ton per 100 Sq.Ft., Power load for each AC:- 2.5 KVA
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