Virginia
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BEST STATE FOR BUSINESS

DATA CENTER DISCUSSION

A TALE OF MANY CITIES

Virginia
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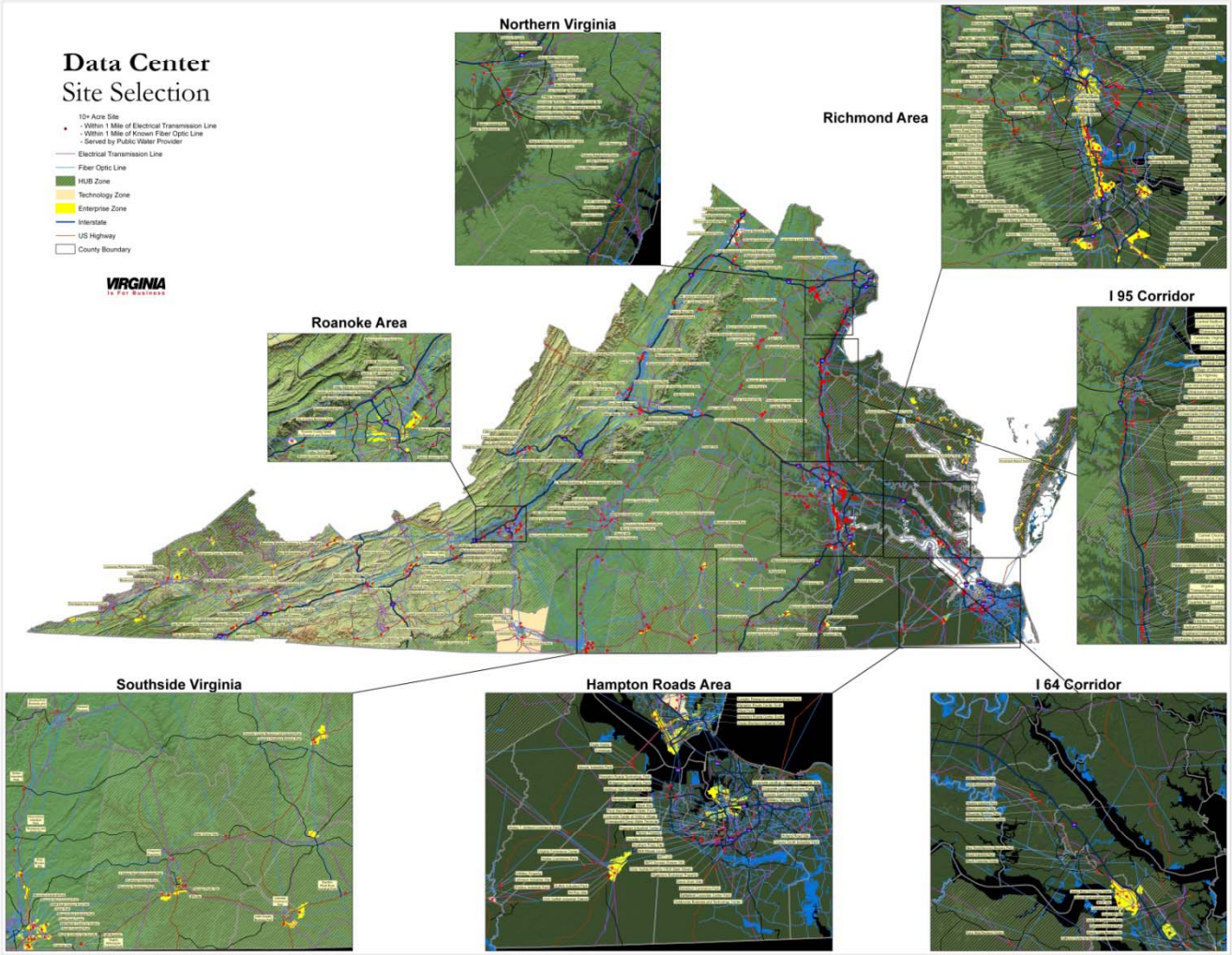
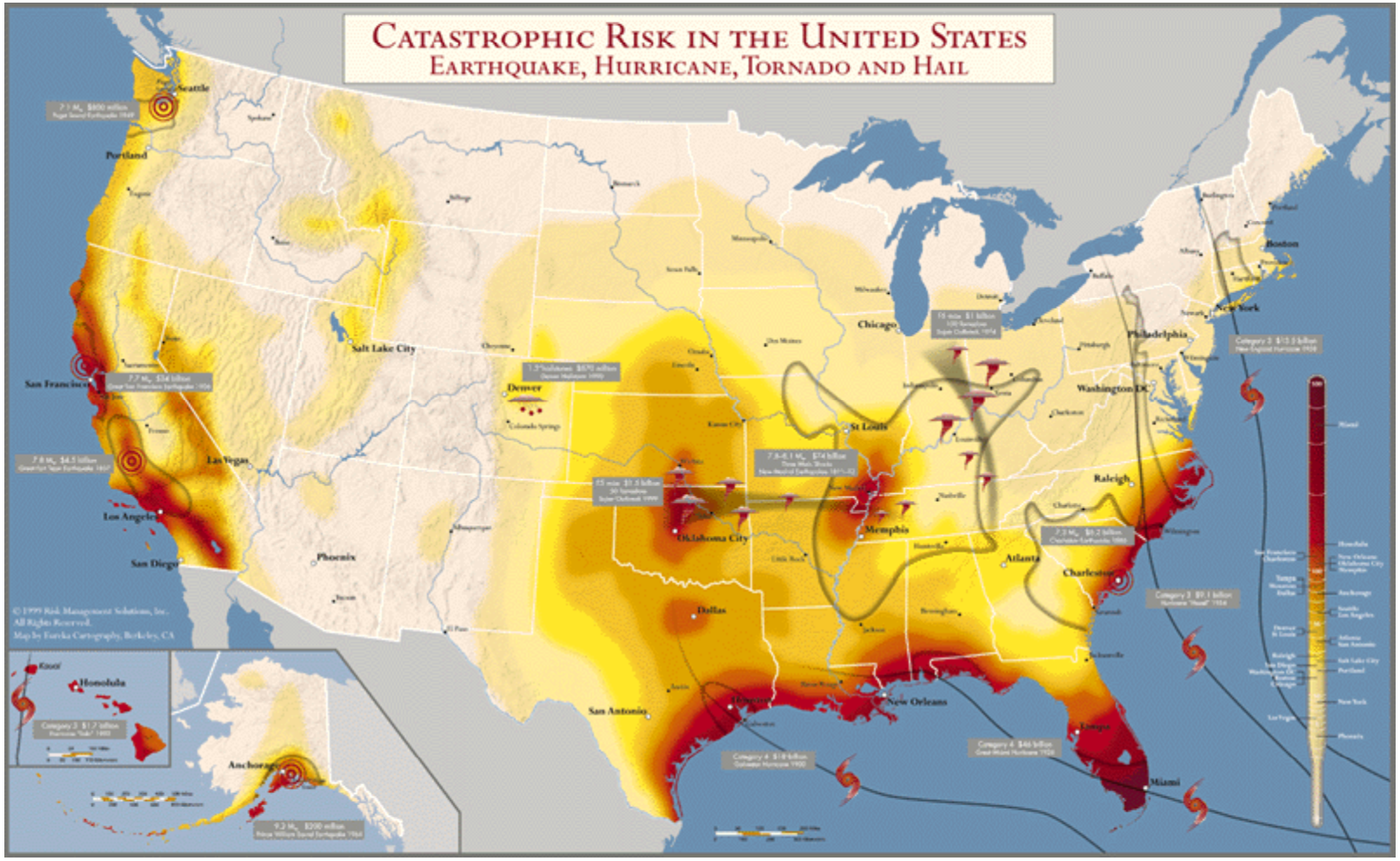
U.S. LOCATIONS

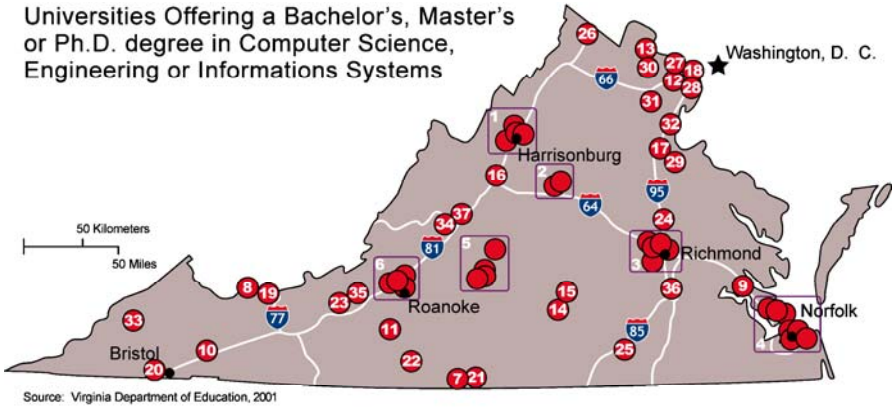
VIRGINIA SITES, POWER, AND FIBER INFO



RISK MITIGATION



TECHNICAL POOL



1. Bridgewater College
   Eastern Mennonite University
   James Madison University
   National Business College –Harrisonburg
2. National Business College –Charlottesville
   University of Virginia
3. ECPI Computer Institute –Richmond
   University of Richmond
   Strayer University–Chesterfield
   Strayer University–Henrico
   Virginia Commonwealth University
4. Christopher Newport University
   ECPI Computer Institute –Hampton
   ECPI Computer Institute –Virginia Beach
   Hampton University
   Norfolk State University
   Old Dominion University
   Virginia Wesleyan College
5. Liberty College
   Lynchburg College
   National Business College –Lynchburg
   Sweet Briar College
6. ECPI Computer Institute –Roanoke
   Hollins University
   National Business College –Roanoke Valley
   Roanoke College
7. Averett College
8. Bluefield College
9. College of William and Mary
10. Emory and Henry College
11. Ferrum College
12. George Mason University
13. George Washington University
14. Hampden–Sydney College
15. Longwood College
16. Mary Baldwin College
17. Mary Washington College
18. Marymount University
19. National Business College –Bluefield
20. National Business College –Bristol
21. National Business College –Danville
22. National Business College –Martinsville
23. Radford University
24. Randolph Macon College
25. Saint Pauls College
26. Shenandoah University
27. Strayer University–Alexandria
28. Strayer University–Arlington
29. Strayer University –Fredericksburg
30. Strayer University–Loudoun
31. Strayer University–Manassas
32. Strayer University–Woodbridge
33. University of Virginia's College at Wise
34. Virginia Military Institute
35. Virginia Polytechnic Institute and State University
36. Virginia State University
37. Washington and Lee University

COMPARATIVE POWER COSTS

Industrial Electric Billing Comparisons							
					Cents Kwh		
Kw Demand		75	1,000	50,000	75	1,000	50,000
Kwh Per Month		30,000	400,000	25,000,000	30,000	400,000	25,000,000
Tulsa	OK	$1,425	$14,137	$606,780	4.8	3.5	2.4
Greenville	SC	$1,661	$21,728	$1,082,748	5.5	5.4	4.3
Louisville	KY	$1,675	$20,818	$1,051,698	5.6	5.2	4.2
Charlotte	NC	$1,837	$23,886	$1,163,862	6.1	6.0	4.7
Cleveland	OH	$1,996	$33,267	$1,858,339	6.7	8.3	7.4
Covington	KY	$2,135	$28,643	$1,346,075	7.1	7.2	5.4
Minneapolis	MN	$2,179	$28,765	$1,658,455	7.3	7.2	6.6
Raleigh	NC	$2,189	$28,875	$1,684,669	7.3	7.2	6.7
Martinsburg	WV	$2,193	$28,612	$1,470,245	7.3	7.2	5.9
Parkersburg	WV	$2,193	$28,612	$1,470,245	7.3	7.2	5.9
Little Rock	AR	$2,307	$27,856	$1,540,155	7.7	7.0	6.2
Denver	CO	$2,329	$28,682	$1,591,389	7.8	7.2	6.4
Richmond	VA	$2,389	$29,059	$1,597,880	8.0	7.3	6.4
Portland	OR	$2,400	$30,007	$1,633,699	8.0	7.5	6.5
Winchester	VA	$2,491	$31,589	$1,797,608	8.3	7.9	7.2
Miami	FL	$2,498	$32,695	$1,410,467	8.3	8.2	5.6
Roanoke	VA	$2,556	$32,357	$1,604,576	8.5	8.1	6.4
Chicago	IL	$2,563	*	*	8.5	N/A	N/A
Columbus	OH	$2,574	$31,034	$1,286,206	8.6	7.8	5.1
Spokane	WA	$2,584	$32,211	$1,413,451	8.6	8.1	5.7
Dayton	OH	$2,617	$30,578	$1,578,934	8.7	7.6	6.3
Montgomery Co	MD	$2,625	$26,360	$1,428,528	8.8	6.6	5.7
Atlanta	GA	$2,675	$36,026	$1,801,681	8.9	9.0	7.2
Pittsburg	PA	$2,814	$33,482	$1,617,652	9.4	8.4	6.5
Phoenix	AZ	$2,821	$30,517	$1,849,406	9.4	7.6	7.4
Pontiac	MI	$2,828	$30,154	$1,689,179	9.4	7.5	6.8
Detroit	MI	$2,841	$33,737	$1,719,422	9.5	8.4	6.9
Columbia	SC	$2,962	$32,124	$1,759,500	9.9	8.0	7.0
Birmingham	AL	$3,081	$27,226	$1,537,226	10.3	6.8	6.1
El Paso	TX	$3,150	$41,442	$2,018,000	10.5	10.4	8.1
Evansville	IN	$3,251	$32,789	$1,942,857	10.8	8.2	7.8
Philadelphia	PA	$3,404	$41,807	$2,229,994	11.3	10.5	8.9
Syracuse	NY	$3,409	$46,627	$1,823,390	11.4	11.7	7.3
Wilmington	DE	$3,414	$50,159	$2,253,211	11.4	12.5	9.0
San Jose	CA	$3,817	$44,807	$2,026,302	12.7	11.2	8.1
Providence	RI	$4,013	$52,023	$3,005,508	13.4	13.0	12.0
Newark	NJ	$4,155	$43,960	$2,484,389	13.9	11.0	9.9
Cambridge	MA	$4,161	$48,049	$2,879,996	13.9	12.0	11.5
San Diego	CA	$4,200	$54,260	$2,496,284	14.0	13.6	10.0
Boston	MA	$4,457	$57,673	$3,368,487	14.9	14.4	13.5
Hartford	CT	$4,936	$54,422	$3,205,143	16.5	13.6	12.8
New York	NY	$4,975	$66,067	$3,710,790	16.6	16.5	14.8
Washington	DC	$5,676	$57,698	$3,542,928	18.9	14.4	14.2

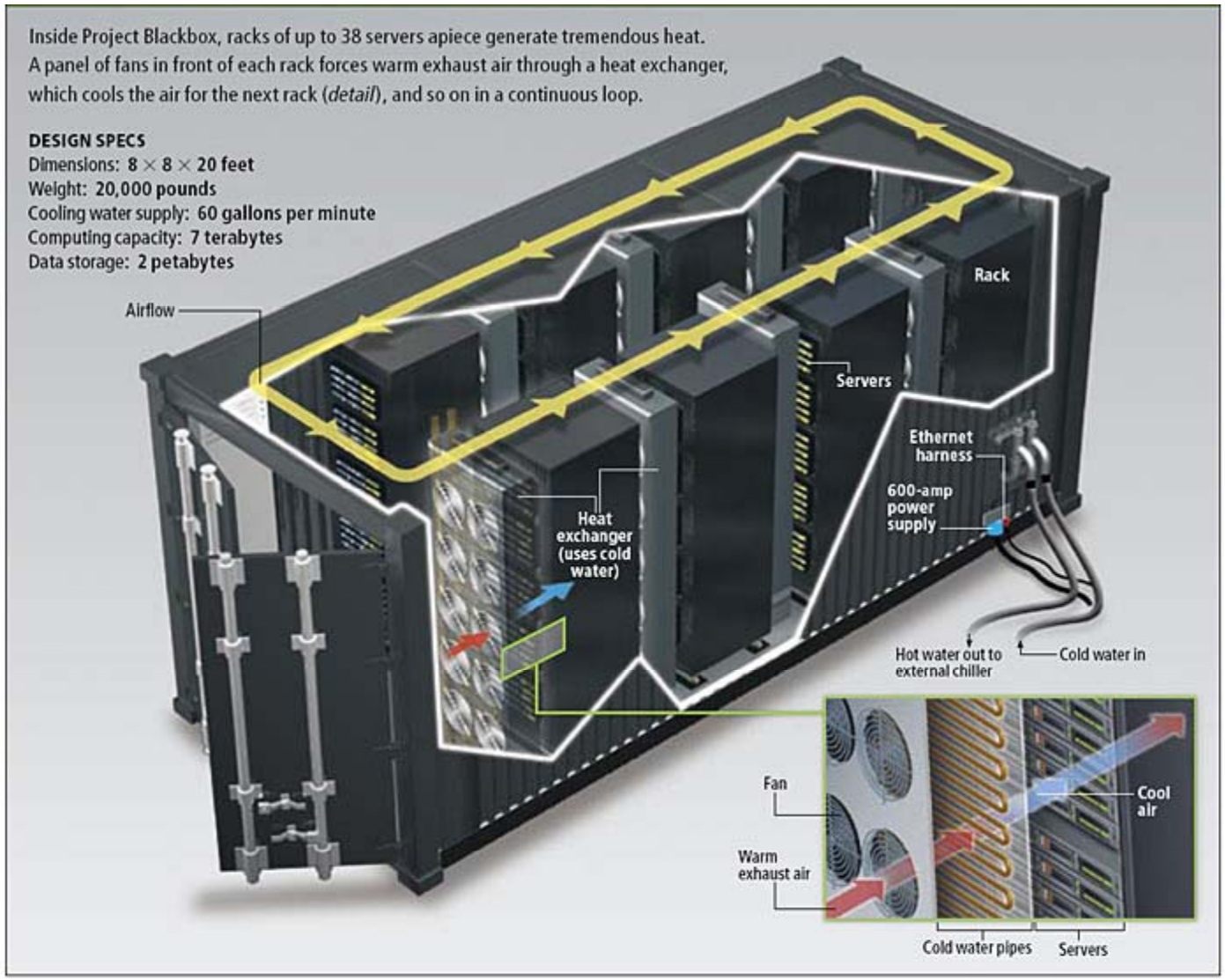
* Data not available

TYPICAL LARGE MODEL

TYPICAL INTERIOR

INDUSTRIAL DESIGN MODEL

THE BLACK BOX MODULAR DESIGN



MODULAR MODEL

ECONOMY INTERIORS