~~9. The system according to any of the preceding claims, wherein the data center and water desalination plant are configured to use less energy per amount of data-center cooling and per volume of water desalinated as compared to the same data center and water desalination plant operating independently.~~

~~10. The system according to any of the preceding claims, wherein the data center and water desalination plant are configured to produce fewer carbon emissions as compared to the same data center and water desalination plant operating independently.~~

~~11~~9. The system according to any of the preceding claims, further comprising a power plant co-located with the data center and the water desalination plant.

~~12~~10. The system according to Claim ~~11~~9, wherein the power plant is operably connected to both of the data center and the water desalination plant.

~~13. The system according to any of Claims 9 to 12, wherein the data center, water desalination plant and power plant are configured to produce fewer carbon emissions as compared to the same data center, water desalination plant and power plant operating independently.~~

~~14. The system according to any of Claims 9 to 13, wherein the data center, water desalination plant and power plant are configured to use less energy per amount of data-center cooling and per volume of water desalinated as compared to the same data center, water desalination plant and power plant operating independently.~~

~~15~~11. The system according to any of the preceding claims, wherein the water desalination plant is a reverse osmosis desalination plant.

~~16. The system according to according to any of the preceding claims, wherein the data center has a power usage effectiveness 2 or less.~~

~~17. The system according to Claim 16, wherein the data center has a power usage effectiveness ranging from 1 to 1.3.~~

~~18~~12. A method of cooling a data center, the method comprising:

(a) cooling a data center with a water cooling subsystem comprising a cool water intake and a warm water discharge; and

(b) desalinating warm water received from the warm water discharge at a desalination plant that is co-located with the data center.

~~19~~13. The method according to Claim ~~18~~12, wherein the water cooling subsystem is configured to obtain seawater from the cool water intake.

~~20~~14. The method according to Claims ~~18~~ 12 and ~~19~~13, wherein the desalination plant is a reverse osmosis desalination plant.

~~21~~15. The method according to any of Claims ~~18~~ 12 to ~~20~~14, wherein the cool water intake is positioned below the photic zone of a water source.

~~22~~16. The method according to Claim ~~21~~15, wherein the water source is an ocean or sea.

~~23~~17. The method according to Claim ~~22~~16, wherein the method further comprises discharging brine from the desalination plant into the ocean or sea.

~~24~~18. The method according to Claim ~~23~~17, wherein the brine is discharged below the photic zone of the ocean or sea.

~~25~~19. The method according to any of Claims ~~18~~ 12 to ~~24~~18, wherein the method produces fewer carbon emissions as compared to the same data center and water desalination plant operating independently.

~~26~~20. The method according to any of Claims ~~18~~ 12 to ~~25~~19, wherein the method uses less energy per amount of data-center cooling and per volume of water desalinated as compared to the same data center and water desalination plant operating independently.

~~27~~21. The method according to any of Claims ~~18~~ 12 to ~~26~~20, further comprising obtaining power to operate the data center and the desalination plant from a power plant co-located with the data center and the desalination plant.

~~28~~22. The method according to Claim ~~27~~21, wherein the method produces fewer carbon emissions than the same data center, water desalination plant and power plant operating independently.

~~29~~23. The method according to any of Claims ~~27~~ 21 and ~~28~~22, wherein the method uses less energy per amount of data-center cooling or per volume of water desalinated than the same data center, water desalination plant and power plant operating independently.

~~30. The method according to any Claims 18 to 29, wherein the method comprises maintaining the power usage effectiveness of the data center at 2 or less.~~

~~31. The method according to Claim 30, wherein the method comprises maintaining the power usage effectiveness of the data center at a value ranging from 1 to 1.3.~~