curve-fitting historical parameter data relating to condenser pump power and cooling tower power and historical system efficiencies which correspond to the subset, wherein the constructed curve is to estimate chiller power, and

from the constructed curve, ascertaining a combination of condenser pump power and cooling tower power which results in a most optimal system efficiency, and ascertaining the combination as the plurality of preferred parameter data.

4. The method of claim 3, further comprising:

updating the dataset library to include the plurality of preferred parameter data.

5. The method of any one of the preceding claims, further comprising:

ascertaining at least one of the current parameter data as a root-cause based on a deviation of the at least one of the current parameter data from the preferred parameter data; and

sending a notification including the ascertained root-cause to at least a predetermined recipient.

6. The method of claim 5, wherein the notification is sent by at least one of Short Message Service (SMS), mobile application message and electronic mail.

7. The method of claim 1, wherein the first baseline relates to at least one of chiller plant efficiency, sensor data integrity and energy intensity.

8. The method of claim 1, wherein selecting a first baseline, and a first threshold correlation coefficient value includes selecting the first baseline from a baseline database having a plurality of baselines established for different combinations of wet bulb temperature and cooling load.

9. The method of claim 1, wherein the plurality of historical parameter data include condenser pump power, cooling tower power and chiller power, and the system efficiency includes condenser system efficiency.

10. The method of claim 8, further comprising:

revising the first baseline and the first threshold correlation coefficient value and storing the revised first baseline and the revised first threshold correlation coefficient value in the baseline database.

11. A system for optimising a chiller plant, the system comprising:

a memory storage which is configured to provide a dataset library having a plurality of historical datasets, each of the plurality of historical datasets at least including a historical wet bulb temperature, a historical cooling load, a plurality of historical parameter data and a historical system efficiency; and

a computing device which is configured to select a first baseline and a first threshold correlation coefficient value; ascertain a current correlation coefficient by comparing a plurality of current parameter data with the first baseline,

the computing device is further configured, if the current correlation coefficient breaches the first threshold correlation coefficient value, to identify a subset from the plurality of historical datasets wherein the subset includes historical wet bulb temperature and historical cooling load which fall within a predetermined margin of a current wet bulb temperature and a current cooling load,

the computing device is further configured, based on the identified subset, to ascertain a plurality of preferred parameter data for the current wet bulb temperature and the current cooling load, and

the computing device is further configured to alter at least one of the plurality of current parameter data in conformance with the plurality of preferred parameter data.

12. The system of claim 11, wherein the computing device is further configured to identify a most optimal historical system efficiency within the subset, and ascertain historical parameter data corresponding to the most optimal historical system efficiency as the plurality of preferred parameter data.

13. The system of claim 11, wherein the plurality of historical parameter data include condenser pump power, cooling tower power and chiller power, and the system efficiency includes condenser system efficiency, and

wherein the computing device is further configured to curve-fit historical parameter data relating to condenser pump power and cooling tower power and historical system efficiencies which correspond to the subset, wherein the constructed curve is to estimate chiller power, and

the computing device is further configured to ascertain, from the constructed curve, a combination of condenser pump power and cooling tower power which results in a most optimal system efficiency, and ascertain the combination as the plurality of preferred parameter data.

14. The system of claim 13, wherein the computing device is further configured to update the dataset library in the memory storage to include the plurality of preferred parameter data.

15. The system of any one of claim 11 to 14, wherein the computing device is further configured to ascertain at least one of the current parameter data as a root-cause based on a deviation of the at least one of the current parameter data from the preferred parameter data, and send a notification including the ascertained root-cause to at least a predetermined recipient.

16. The system of claim 15, wherein the notification is sent by at least one of Short Message Service (SMS), mobile application message and electronic mail.

17. The system of claim 11, wherein the first baseline relates to at least one of chiller plant efficiency, sensor data integrity and energy intensity.

18. The system of claim 11, wherein the computing device is further configured to select the first baseline from a baseline database stored in the memory storage device, the baseline database having a plurality of baselines established for different combinations of wet bulb temperature and cooling load.

19. The system of claim 11, wherein the plurality of historical parameter data include condenser pump power, cooling tower power and chiller power, and the system efficiency includes condenser system efficiency.

20. The system of claim 18, wherein the computing device is configured to revise the first baseline and the first threshold correlation coefficient value, and store the revised first baseline and the revised first threshold correlation coefficient value in the baseline database.