

Data Dictionary

| Name | Description | Remarks |
|----------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Selection of TMMs | Six sets of TMMs (Typical Meteorological Months) identified for six building cases. | Column A_TMY (Typical Meteorological Year) Name: Data type_Text Column B_TMM selected for Jan: Data type_Numeric Column C_TMM selected for Feb: Data type_Numeric Column D_TMM selected for Mar: Data type_Numeric Column E_TMM selected for Apr: Data type_Numeric Column F_TMM selected for May: Data type_Numeric Column G_TMM selected for Jun: Data type_Numeric Column H_TMM selected for Jul: Data type_Numeric Column I_TMM selected for Aug: Data type_Numeric Column J_TMM selected for Sep: Data type_Numeric Column K_TMM selected for Oct: Data type_Numeric Column L_TMM selected for Nov: Data type_Numeric Column M_TMM selected for Dec: Data type_Numeric |
| 2. Weighting Factors | Weighting factors for different climatic indices searched by GA optimization processes for six building cases. | Column A_Building Case: Data type_Text Column B_Weighting factor for daily maximum dry bulb temperature: Data type_Numeric Column C_Weighting factor for daily minimum dry bulb temperature: Data type_Numeric Column D_Weighting factor for daily mean dry bulb temperature: Data type_Numeric Column E_Weighting factor for daily maximum dew point temperature: Data type_Numeric Column F_Weighting factor for daily minimum dew point temperature: Data type_Numeric |

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| | | Column G_Weighting factor for daily mean dew point temperature: Data type_Numeric Column H_Weighting factor for daily maximum wind speed: Data type_Numeric Column I_Weighting factor for daily mean wind speed: Data type_Numeric Column J_Weighting factor for daily total solar radiation: Data type_Numeric |

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