METADATA:

1. Balancing Authority: The organization responsible for maintaining the electricity balance within its region.

2. Data Date: The date on which the data was recorded.

3. Hour Number: The specific hour of the day to which the data pertains, typically in a 24-hour format.

4. Local Time at End of Hour: The local time at the end of the specified hour.

5. UTC Time at End of Hour: The Coordinated Universal Time (UTC) at the end of the specified hour.

6. Demand Forecast (MW): The forecasted electricity demand in Megawatts (MW) for the hour.

7. Demand (MW): The actual electricity demand in Megawatts (MW) for the hour.

8. Net Generation (MW): The total electricity generated in Megawatts (MW) minus the electricity consumed in production.

9. Total Interchange (MW): The net amount of electricity imported or exported between neighboring balancing authorities in Megawatts (MW).

10. Sum(Valid DIBAs) (MW): The sum of all valid Dynamic Interchange Balancing Authorities' values in Megawatts (MW).

11. Demand (MW) (Imputed): The estimated demand in Megawatts (MW) where data might be missing or adjusted for accuracy.

12. Net Generation (MW) (Imputed): The estimated net generation in Megawatts (MW) where data might be missing or adjusted for accuracy.

13. Total Interchange (MW) (Imputed): The estimated total interchange in Megawatts (MW) where data might be missing or adjusted for accuracy.

14. Demand (MW) (Adjusted): The adjusted demand in Megawatts (MW) after accounting for discrepancies or data corrections.

15. Net Generation (MW) (Adjusted): The adjusted net generation in Megawatts (MW) after accounting for discrepancies or data corrections.

16. Total Interchange (MW) (Adjusted): The adjusted total interchange in Megawatts (MW) after accounting for discrepancies or data corrections.

17. Net Generation (MW) from Coal: Electricity generated from coal sources in Megawatts (MW).

18. Net Generation (MW) from Natural Gas: Electricity generated from natural gas sources in Megawatts (MW).

19. Net Generation (MW) from Nuclear: Electricity generated from nuclear sources in Megawatts (MW).

20. Net Generation (MW) from All Petroleum Products: Electricity generated from all petroleum product sources in Megawatts (MW).

21. Net Generation (MW) from Hydropower and Pumped Storage: Electricity generated from hydropower and pumped storage sources in Megawatts (MW).

22. Net Generation (MW) from Solar: Electricity generated from solar sources in Megawatts (MW).

23. Net Generation (MW) from Wind: Electricity generated from wind sources in Megawatts (MW).

24. Net Generation (MW) from Other Fuel Sources: Electricity generated from other fuel sources not listed separately in Megawatts (MW).

25. Net Generation (MW) from Unknown Fuel Sources: Electricity generated from fuel sources that are not identified in Megawatts (MW).

26. Net Generation (MW) from Coal (Imputed): Estimated electricity generation from coal sources in Megawatts (MW), where data might be missing or adjusted.

27. Net Generation (MW) from Natural Gas (Imputed): Estimated electricity generation from natural gas sources in Megawatts (MW), where data might be missing or adjusted.

28. Net Generation (MW) from Nuclear (Imputed): Estimated electricity generation from nuclear sources in Megawatts (MW), where data might be missing or adjusted.

29. Net Generation (MW) from All Petroleum Products (Imputed): Estimated electricity generation from all petroleum products sources in Megawatts (MW), where data might be missing or adjusted.

30. Net Generation (MW) from Hydropower and Pumped Storage (Imputed): Estimated electricity generation from hydropower and pumped storage sources in Megawatts (MW), where data might be missing or adjusted.

31. Net Generation (MW) from Solar (Imputed): Estimated electricity generation from solar sources in Megawatts (MW), where data might be missing or adjusted.

32. Net Generation (MW) from Wind (Imputed): Estimated electricity generation from wind sources in Megawatts (MW), where data might be missing or adjusted.

33. Net Generation (MW) from

Other Fuel Sources (Imputed): Estimated electricity generation from other fuel sources in Megawatts (MW), where data might be missing or adjusted.

34. Net Generation (MW) from Coal (Adjusted): Adjusted electricity generation from coal sources in Megawatts (MW).

35. Net Generation (MW) from Natural Gas (Adjusted): Adjusted electricity generation from natural gas sources in Megawatts (MW).

36. Net Generation (MW) from Nuclear (Adjusted): Adjusted electricity generation from nuclear sources in Megawatts (MW).

37. Net Generation (MW) from All Petroleum Products (Adjusted): Adjusted electricity generation from all petroleum products sources in Megawatts (MW).

38. Net Generation (MW) from Hydropower and Pumped Storage (Adjusted): Adjusted electricity generation from hydropower and pumped storage sources in Megawatts (MW).

39. Net Generation (MW) from Solar (Adjusted): Adjusted electricity generation from solar sources in Megawatts (MW).

40. Net Generation (MW) from Wind (Adjusted): Adjusted electricity generation from wind sources in Megawatts (MW).

41. Net Generation (MW) from Other Fuel Sources (Adjusted): Adjusted electricity generation from other fuel sources in Megawatts (MW).

42. Region: The geographical region covered by the data.