

## 12 Appendix - Weekly Figures of the Results of the Simulation

The following figures show the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower.

Legend :

Production = Total production of electricity in Japan,

Consumption = Total electricity demand in Japan,

Geothermal = Electricity produced by geothermal plants,

Hydro = Electricity produced by Hydropower plants,

PV = Electricity produced by photovoltaic Installations,

Wind = Electricity produced by windmills,

Cogen (Ind) and Cogen (Com, Res) = Electricity produced by cogeneration technologies in industrial, commercial and residential sector,

PSP (charge, discharge) = Electricity stored or retrieved in Pumped Hydro Storage Plants,

H2 Prod = Electricity used by hydrogen Production,

FRP = Electricity produced by Fast Reacting Power Plants using Hydrogen.

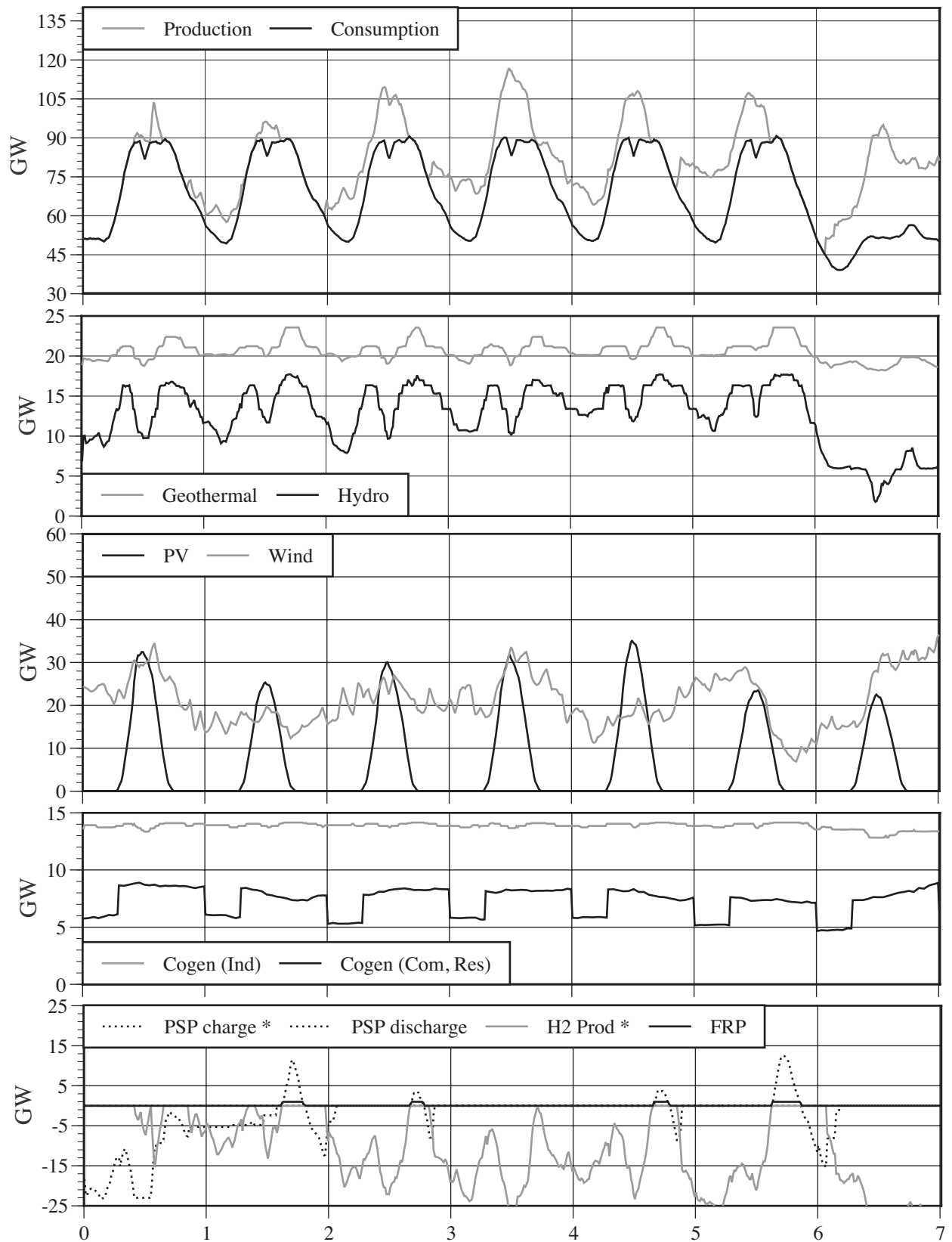


Figure 82 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 1. Source: ERJ.

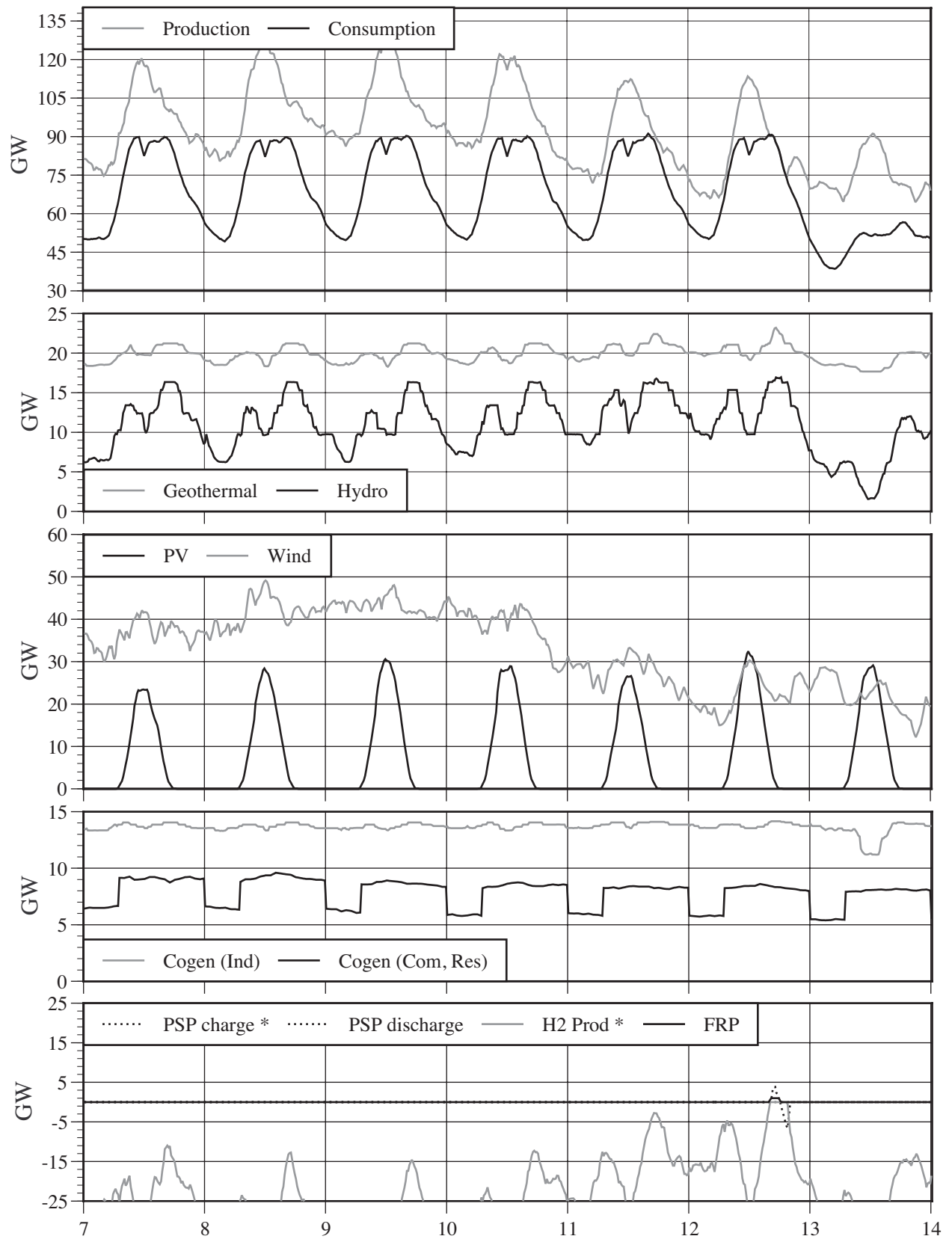


Figure 83 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 2. Source: ERJ.

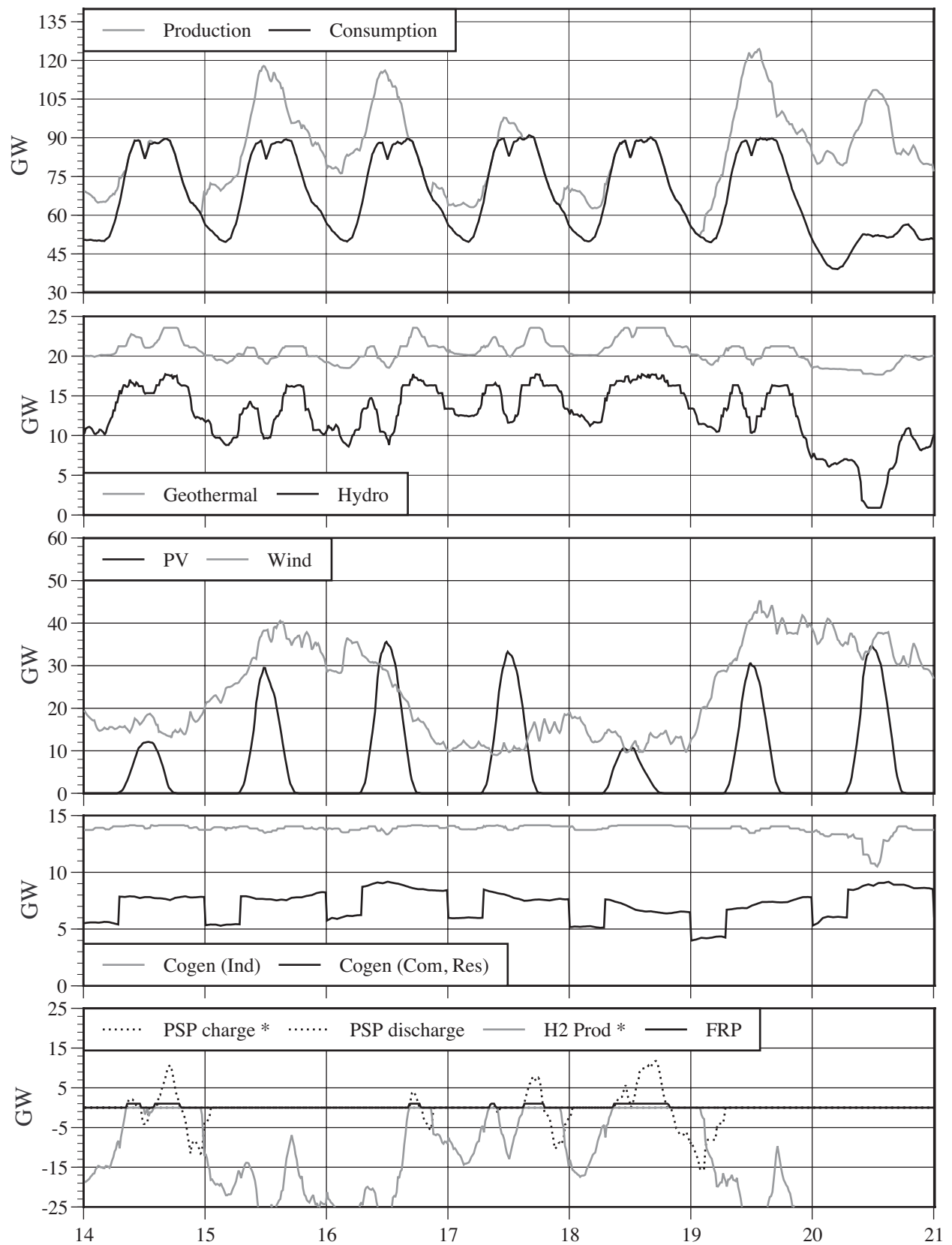


Figure 84 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 3. Source: ERJ.

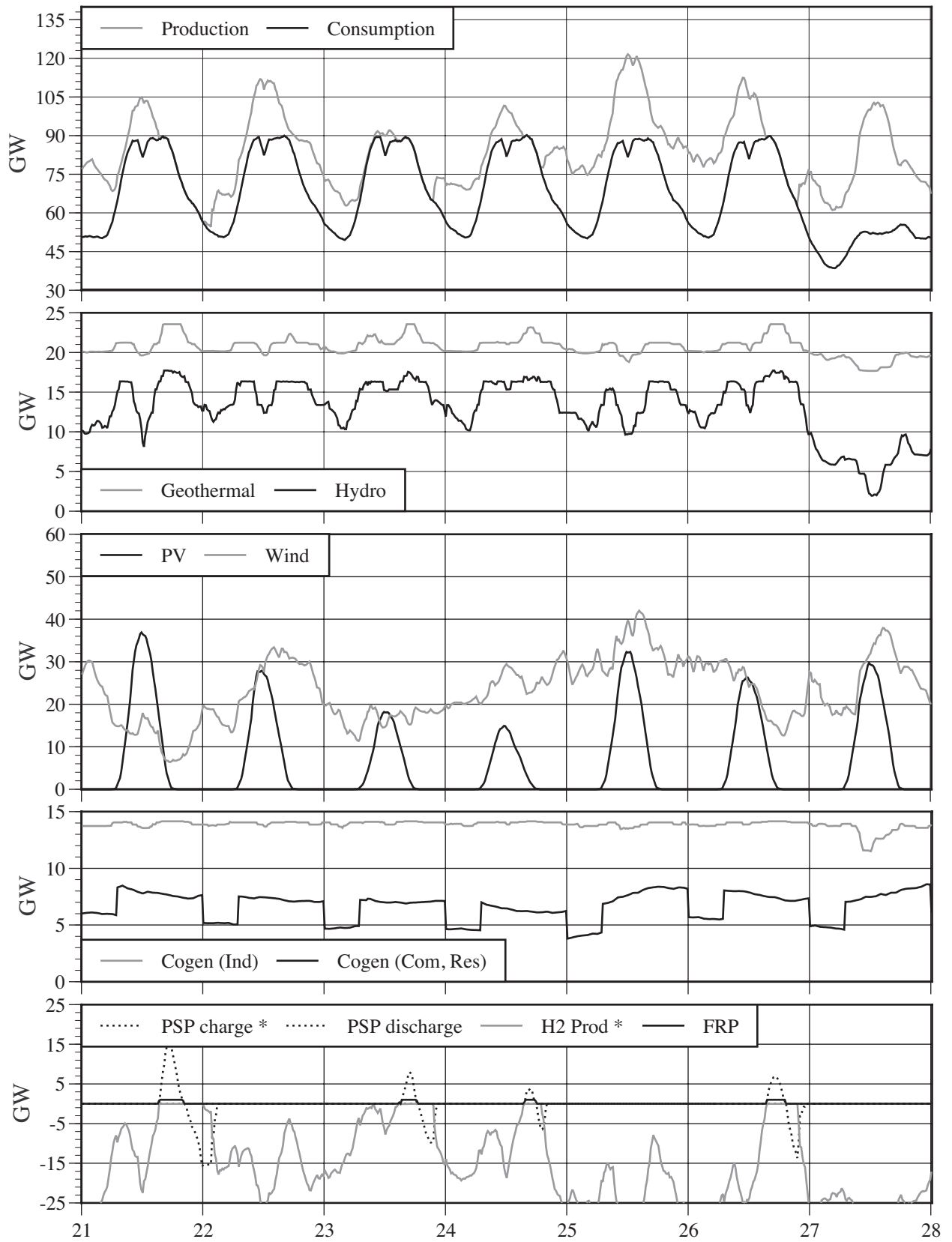


Figure 85 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 4. Source: ERJ.

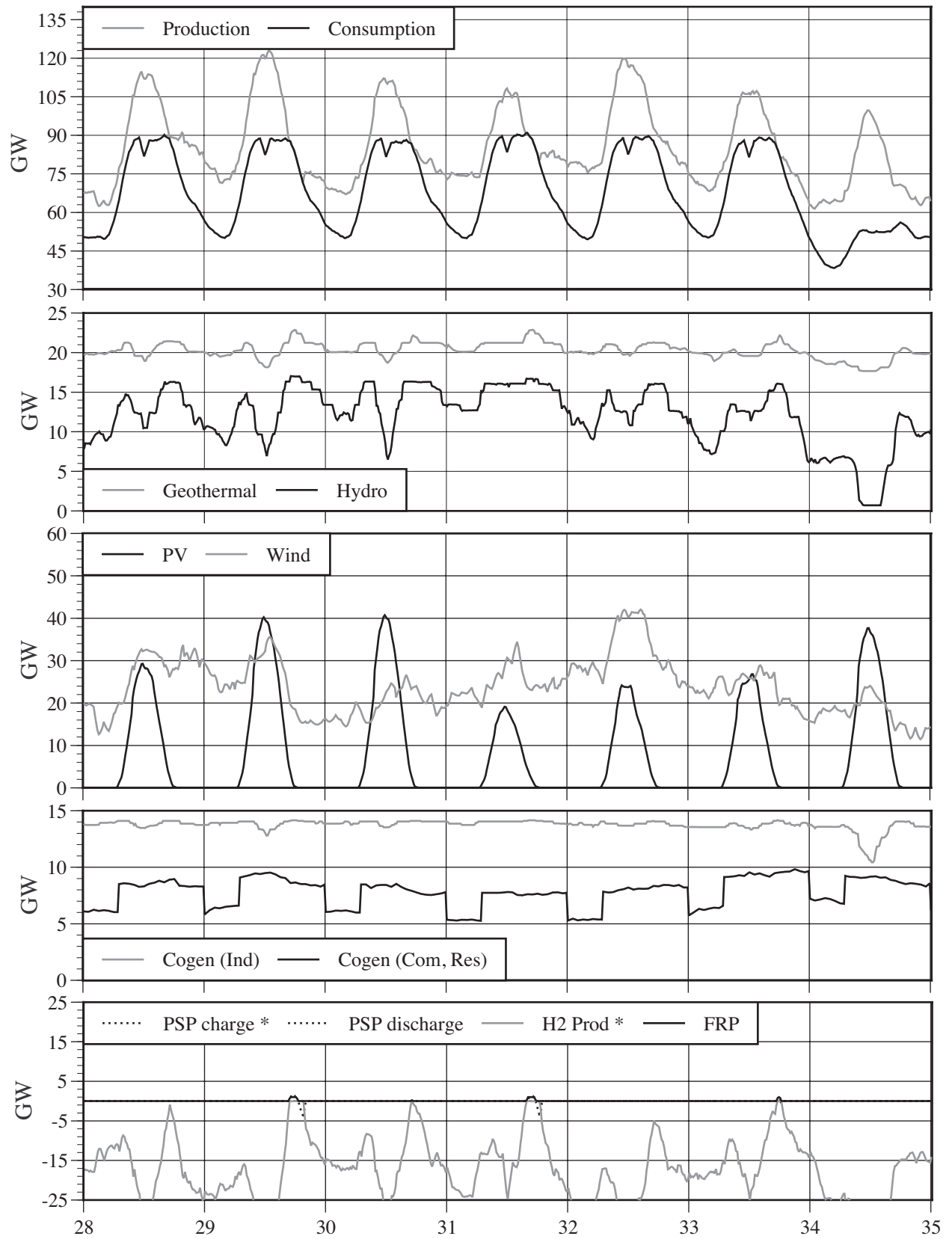


Figure 86 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 5. Source: ERJ.

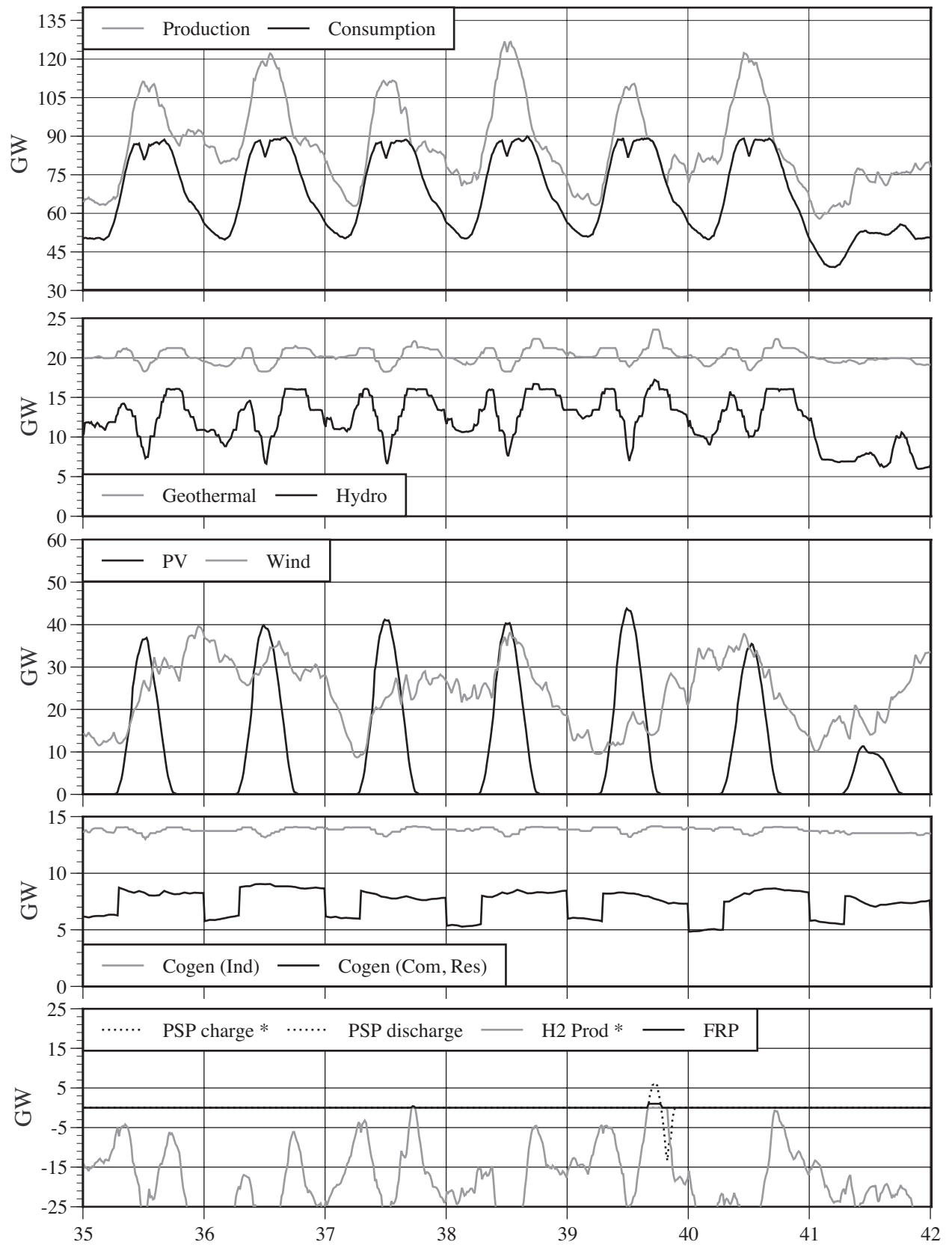


Figure 87 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 6. Source: ERJ.

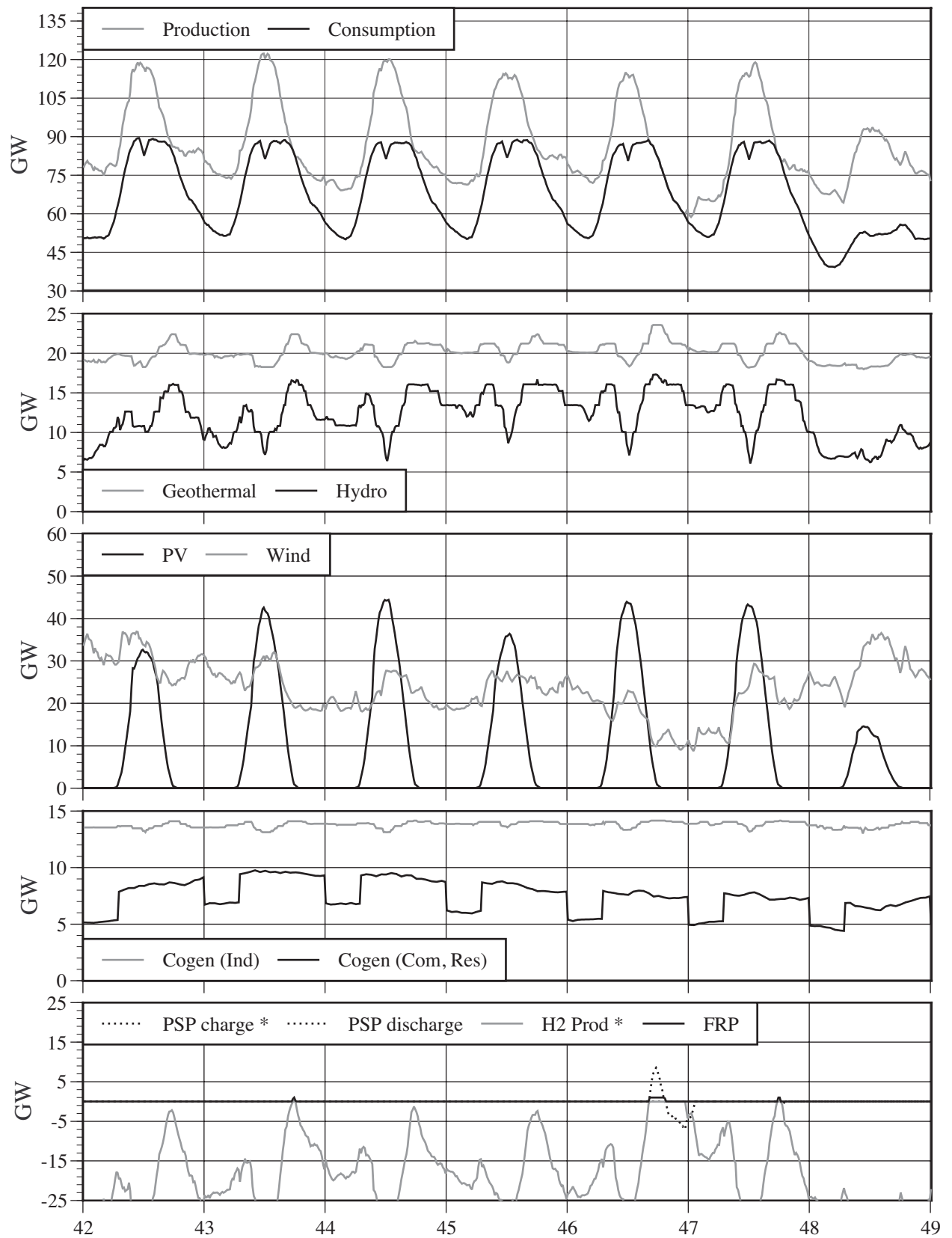


Figure 88 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 7. Source: ERJ.



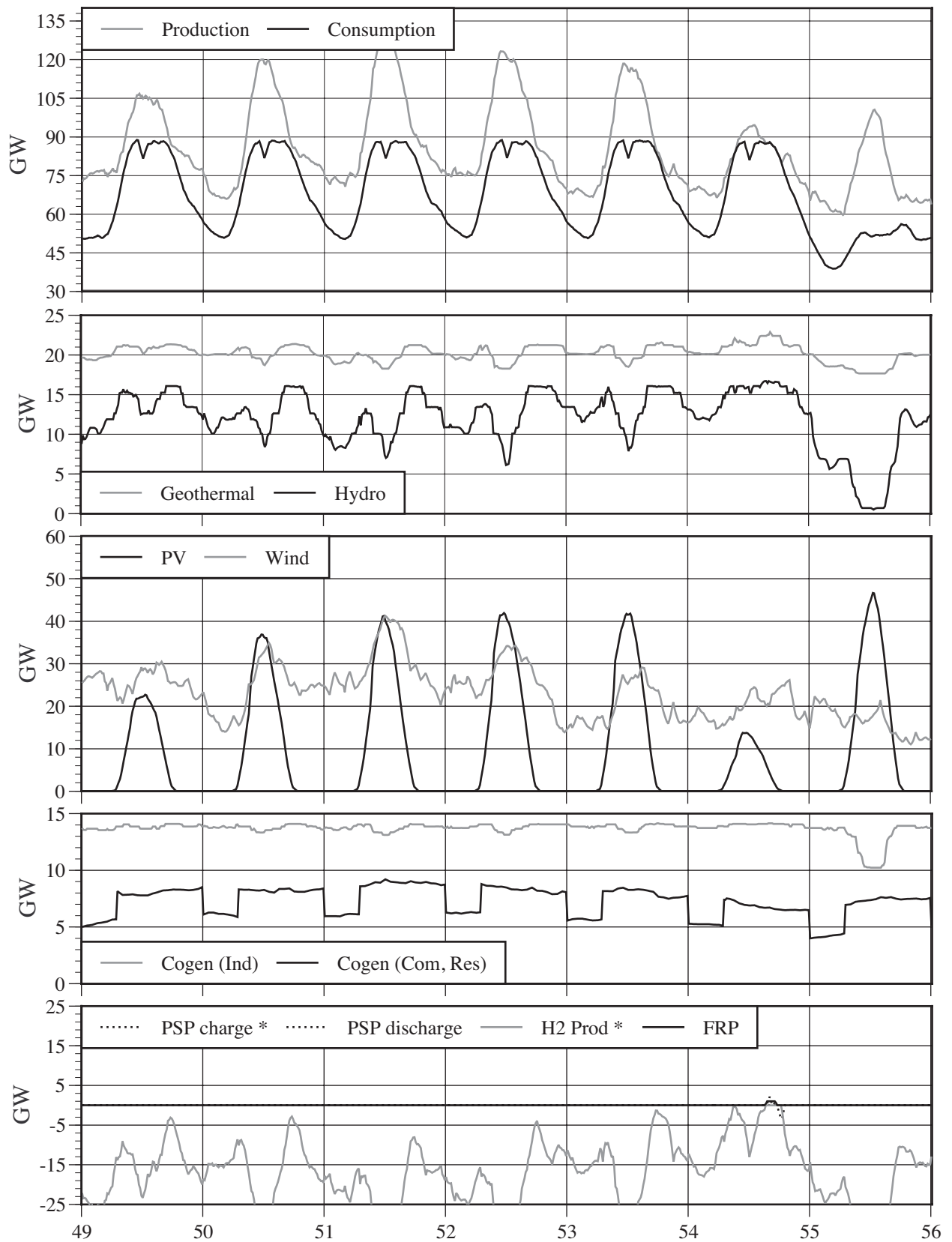


Figure 89 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 8. Source: ERJ.

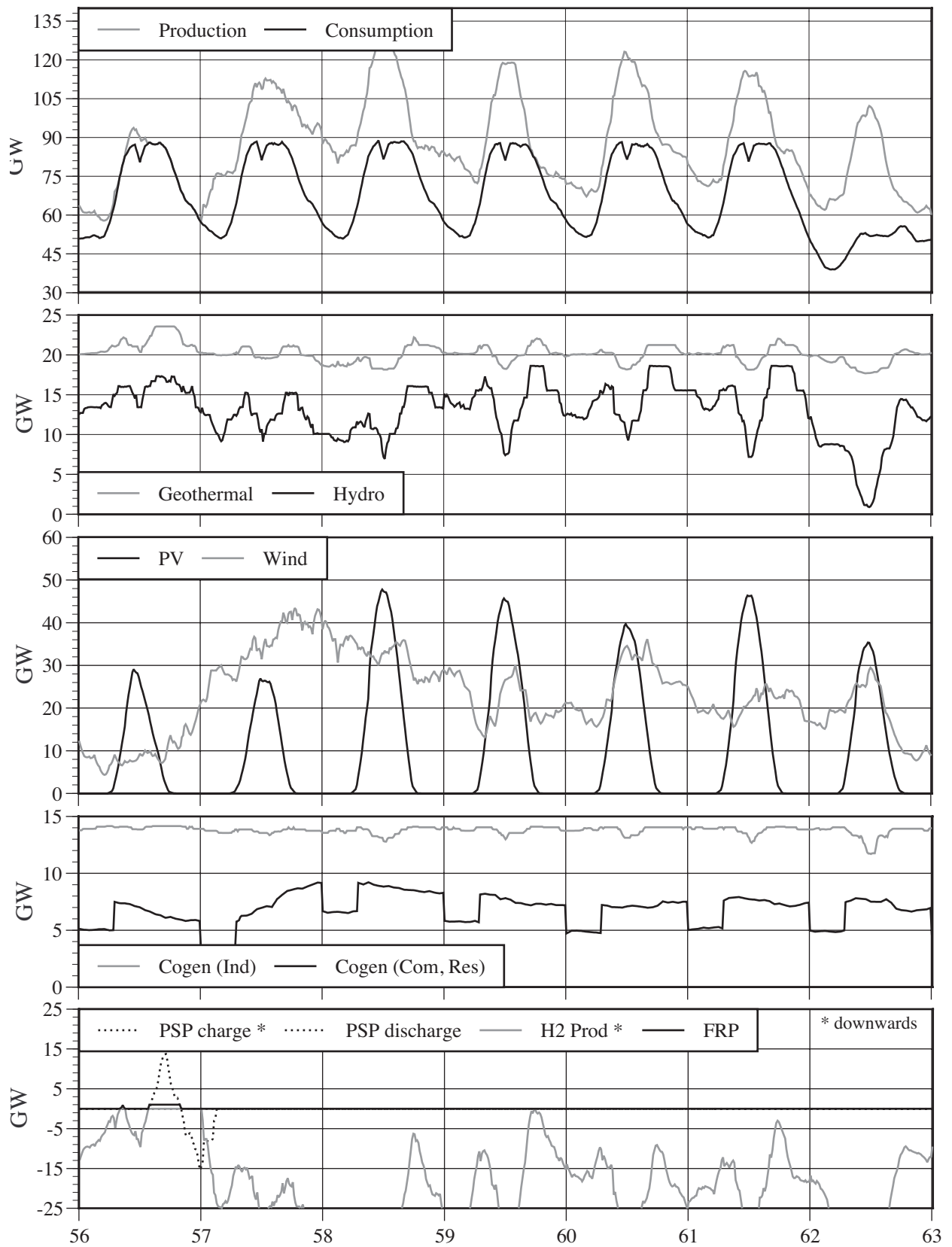


Figure 90 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 9. Source: ERJ.

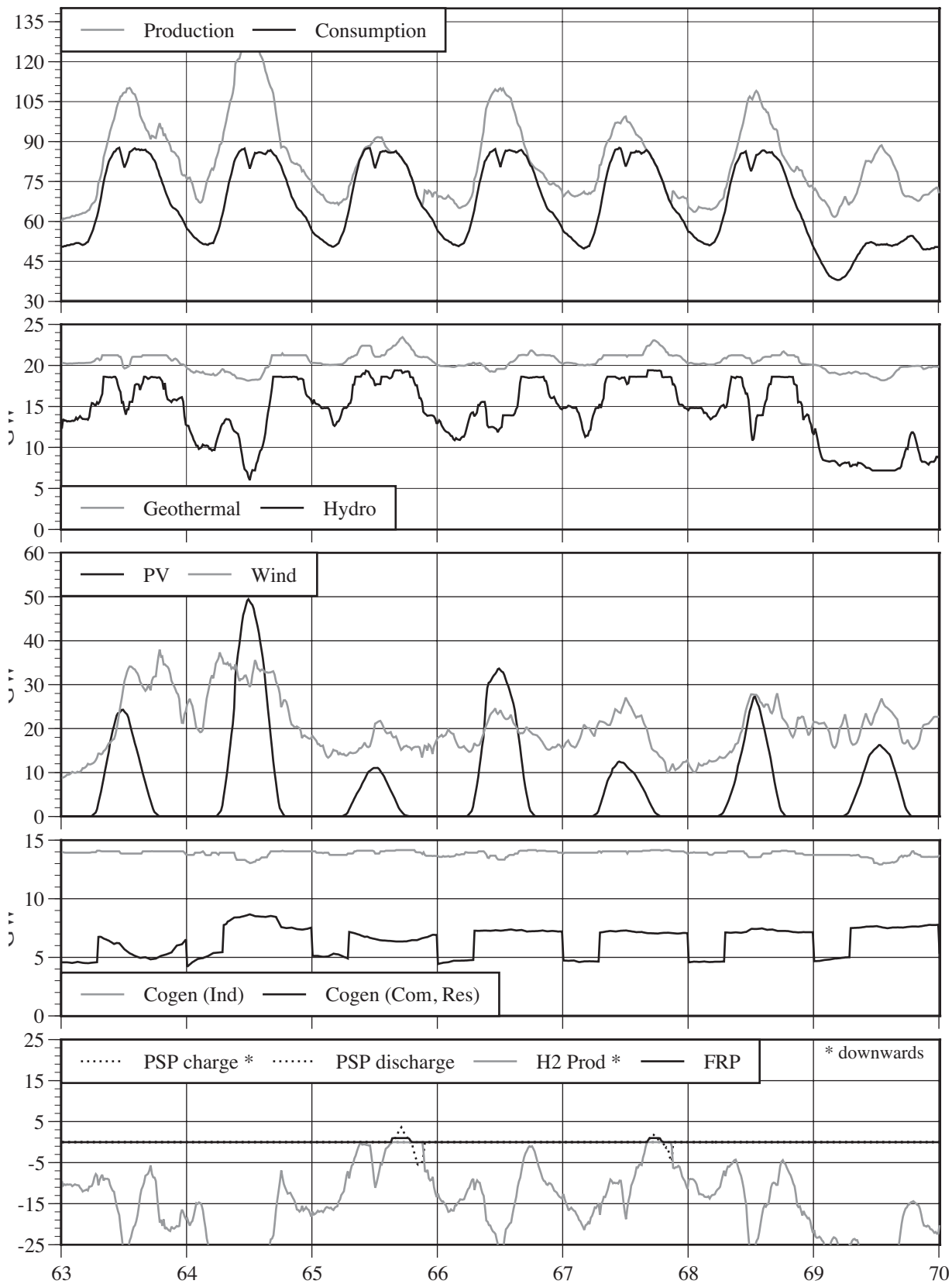


Figure 91 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 10. Source: ERJ.

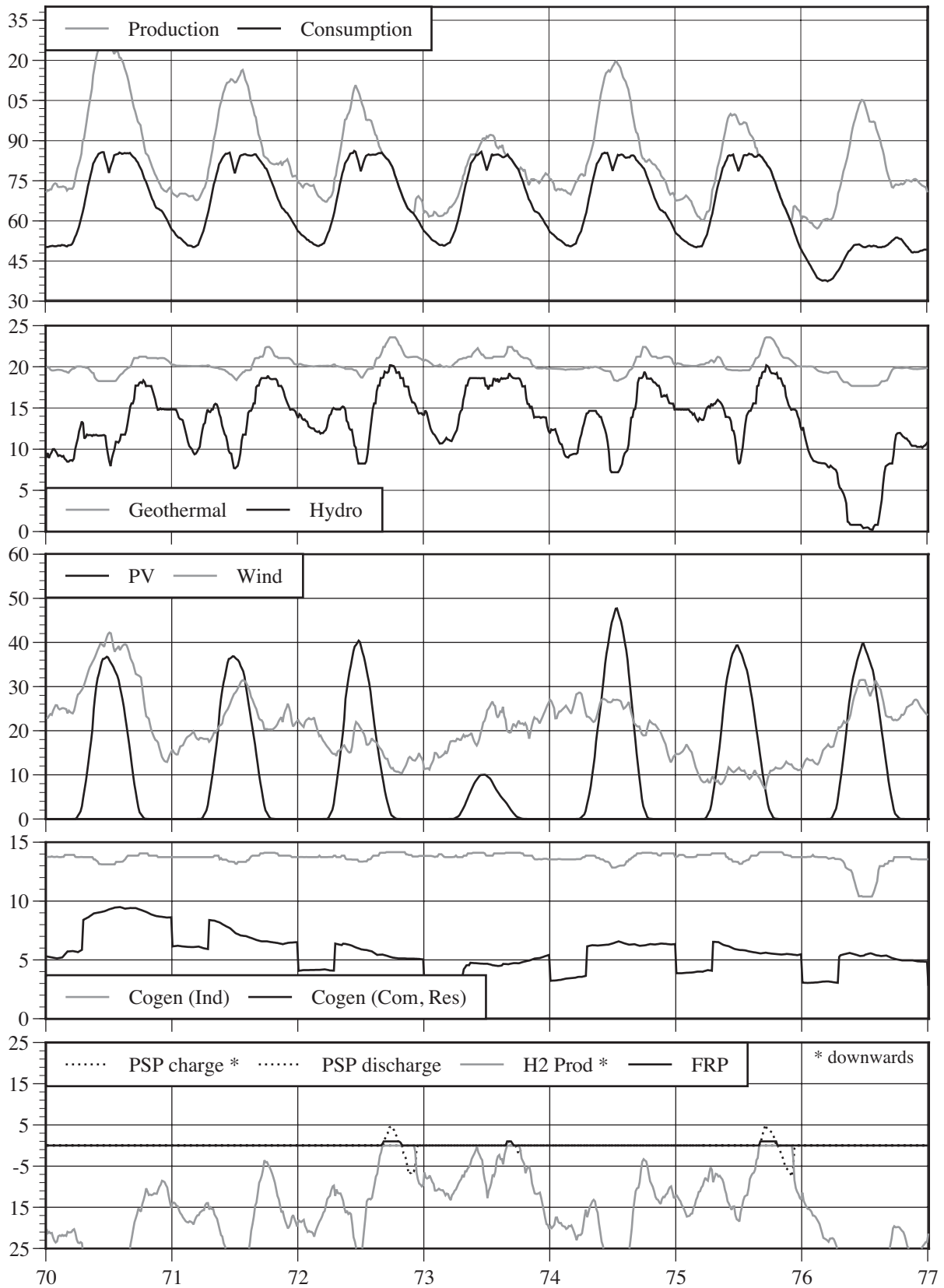


Figure 92 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 11. Source: ERJ.

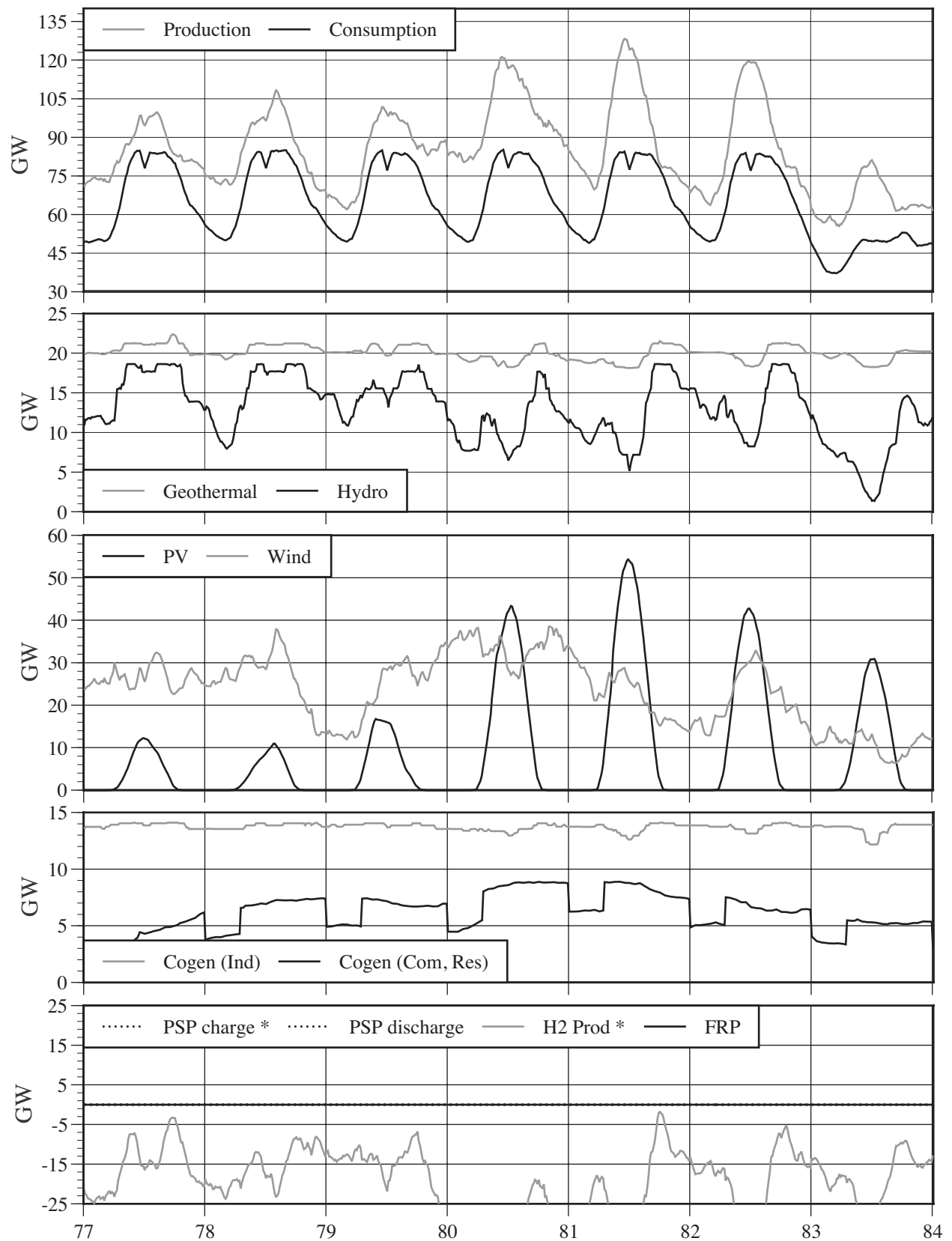


Figure 93 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 12. Source: ERJ.

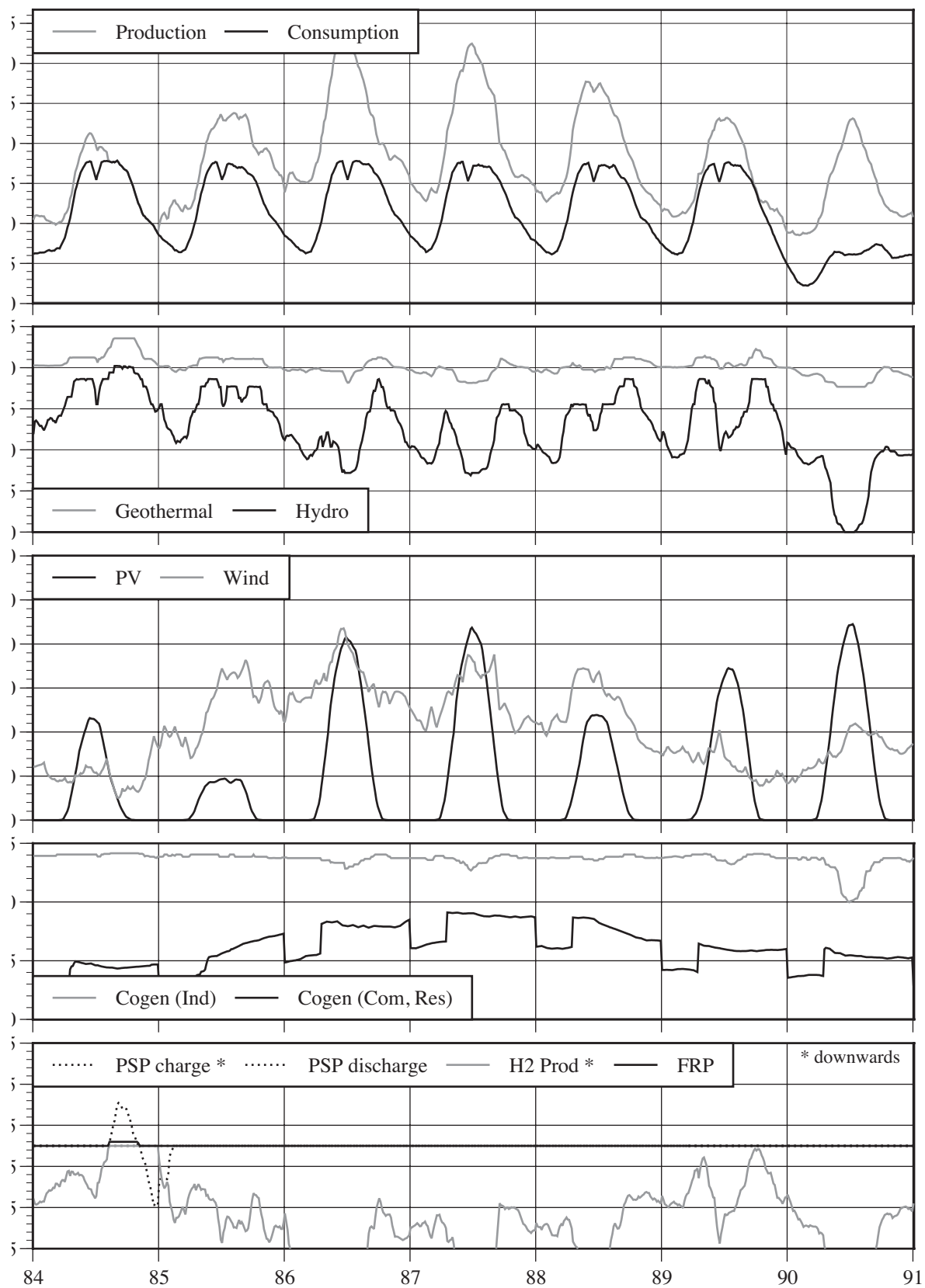


Figure 94 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 13. Source: ERJ.

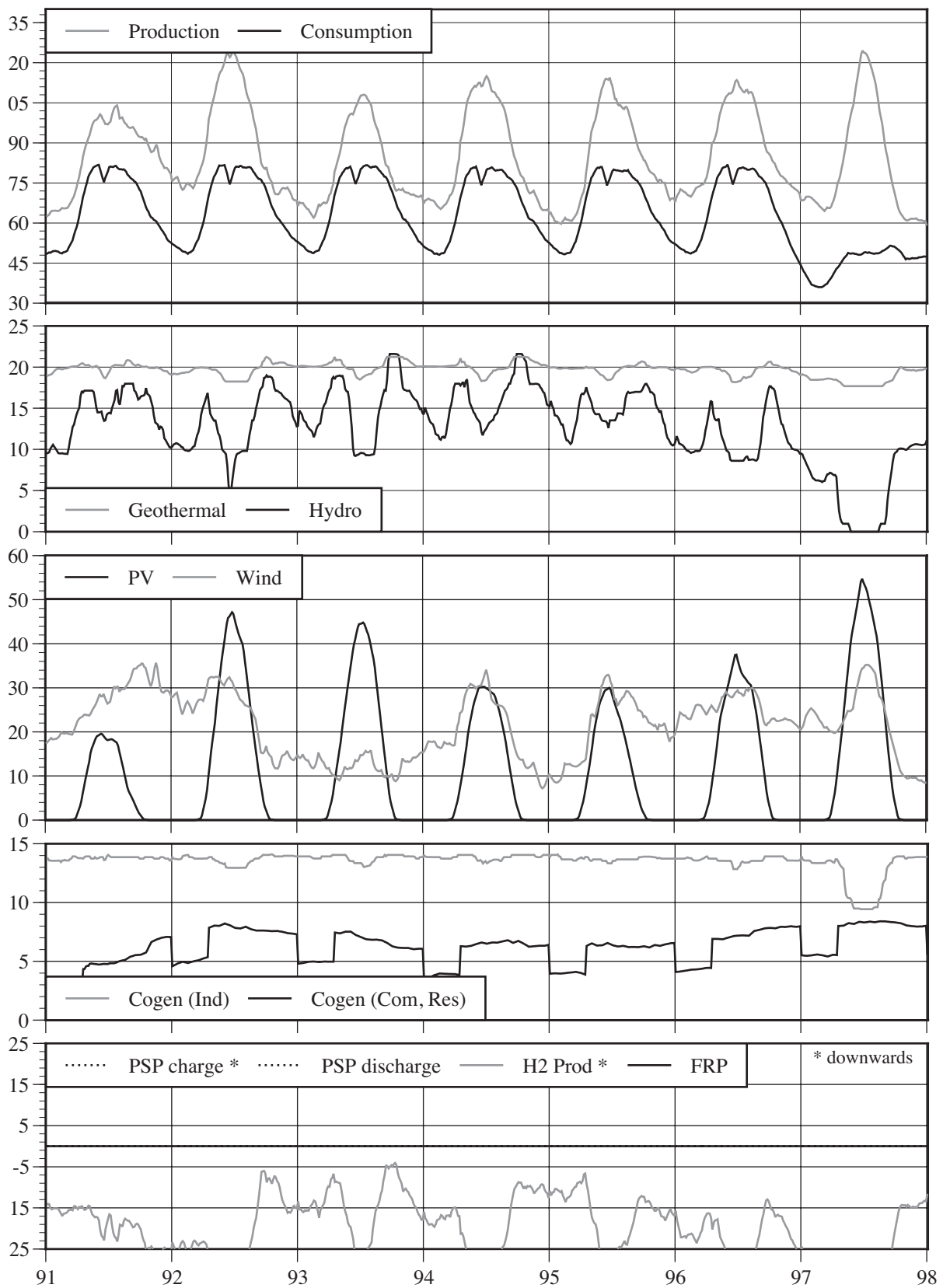


Figure 95 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 14. Source: ERJ.

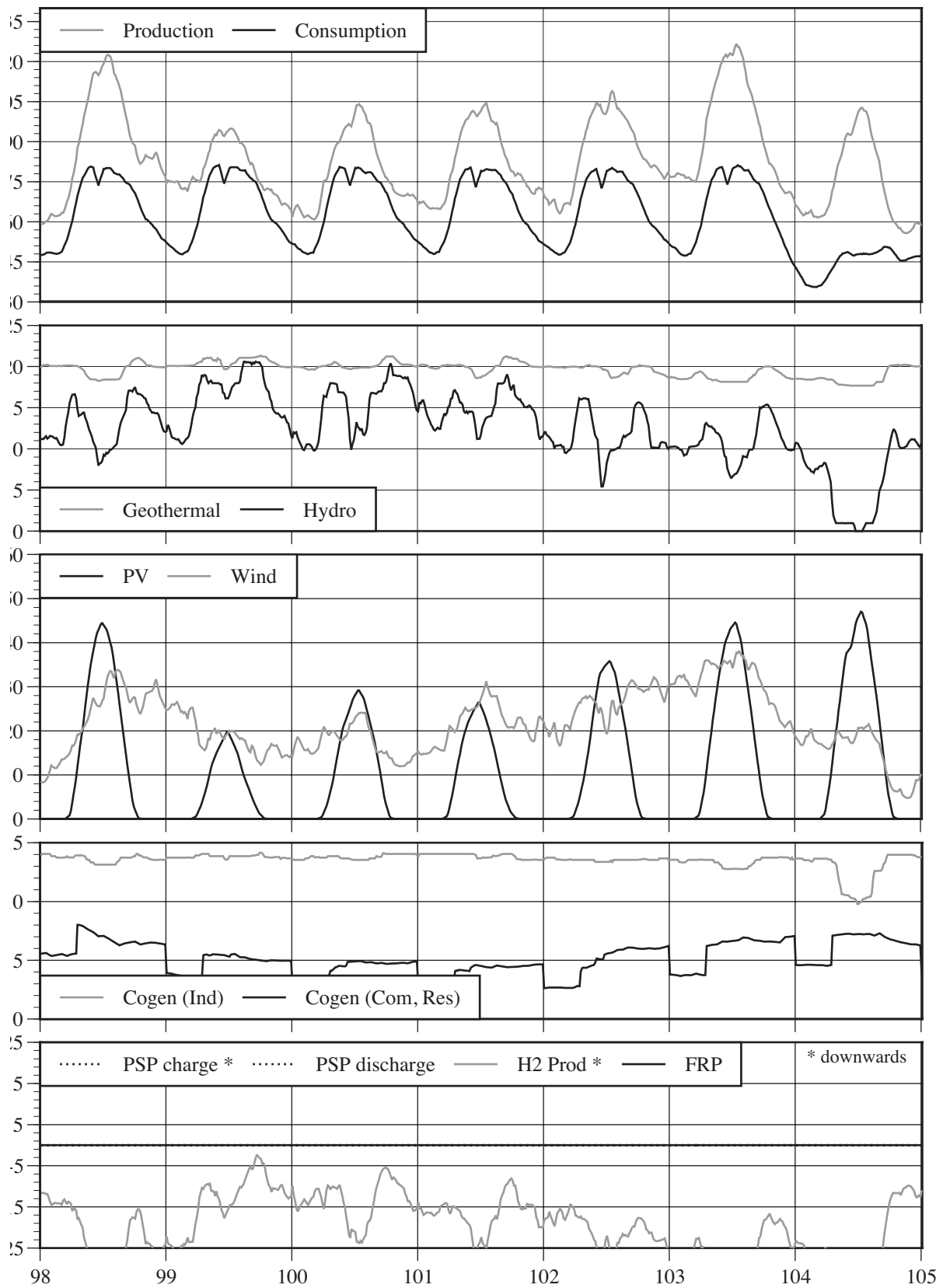


Figure 96 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 15. Source: ERJ.



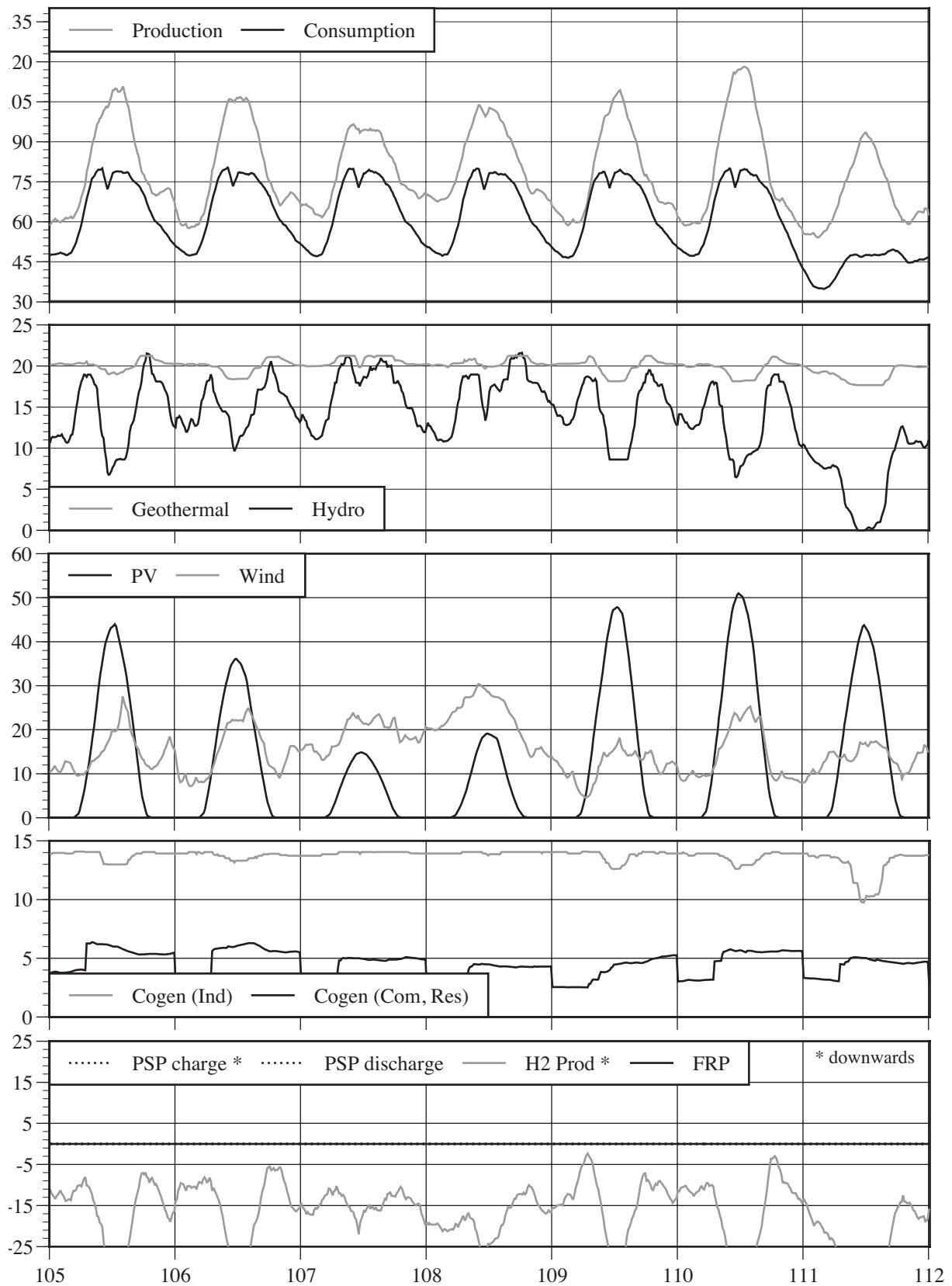


Figure 97 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 16. Source: ERJ.

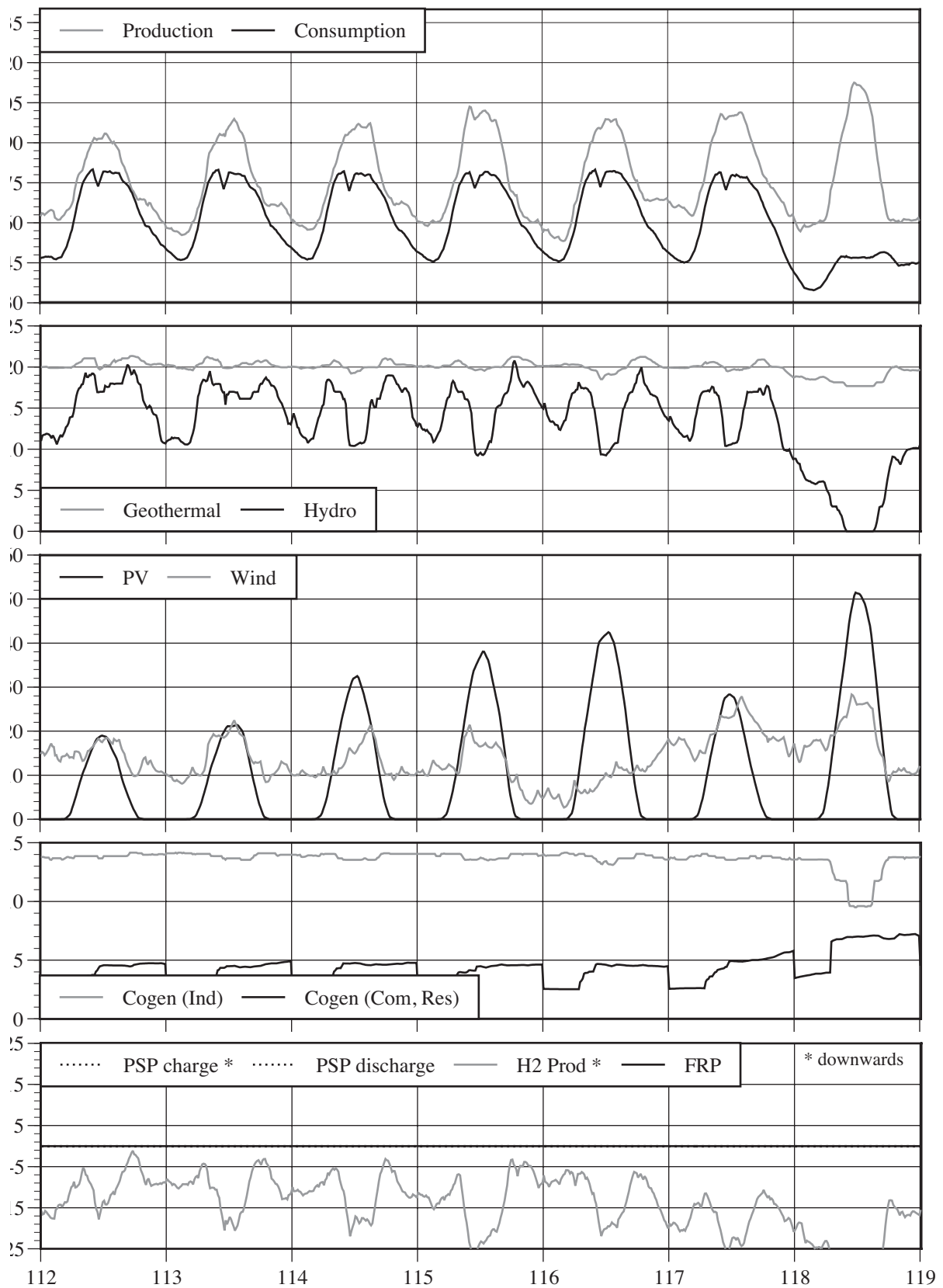


Figure 98 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 17. Source: ERJ.

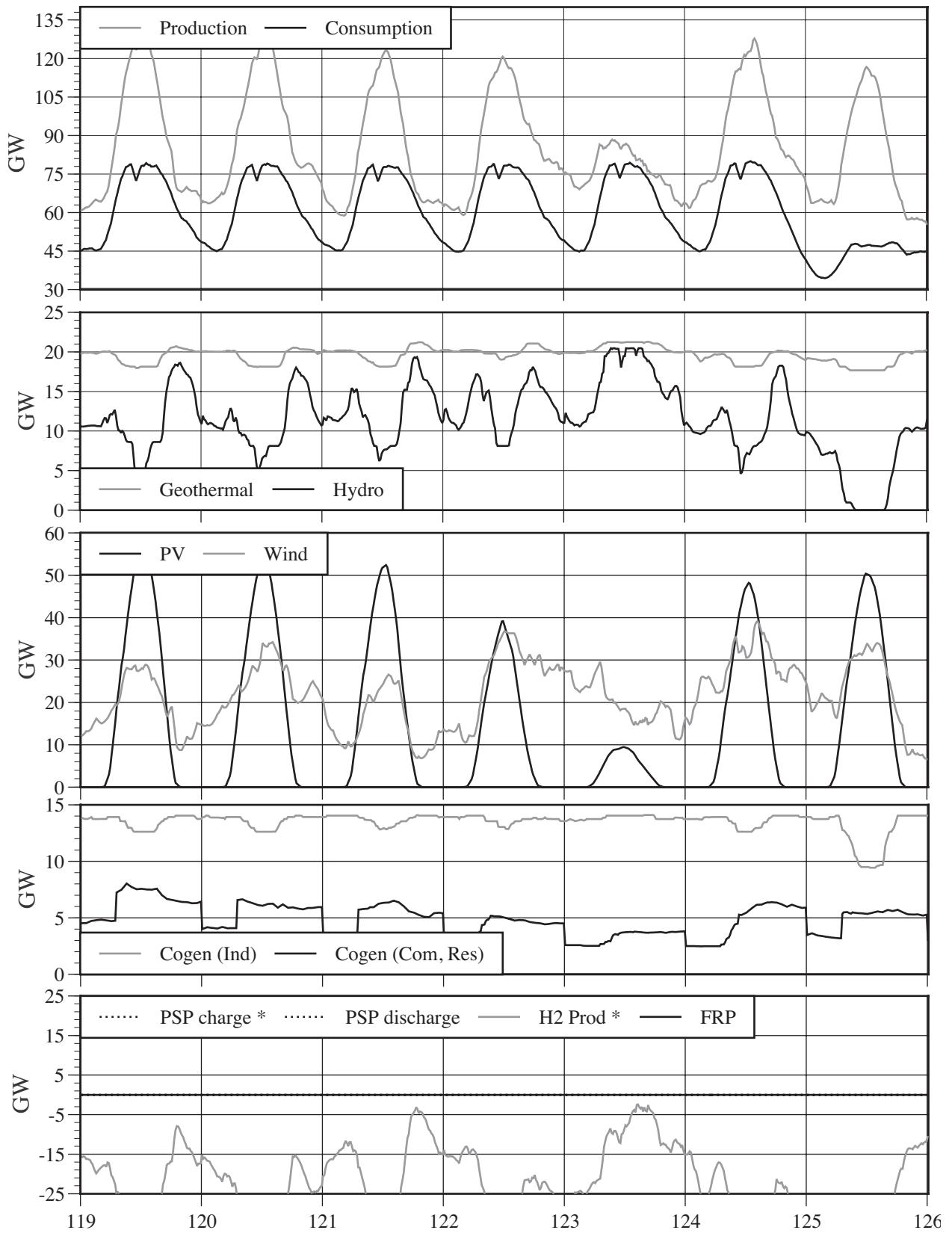


Figure 99 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 18. Source: ERJ.

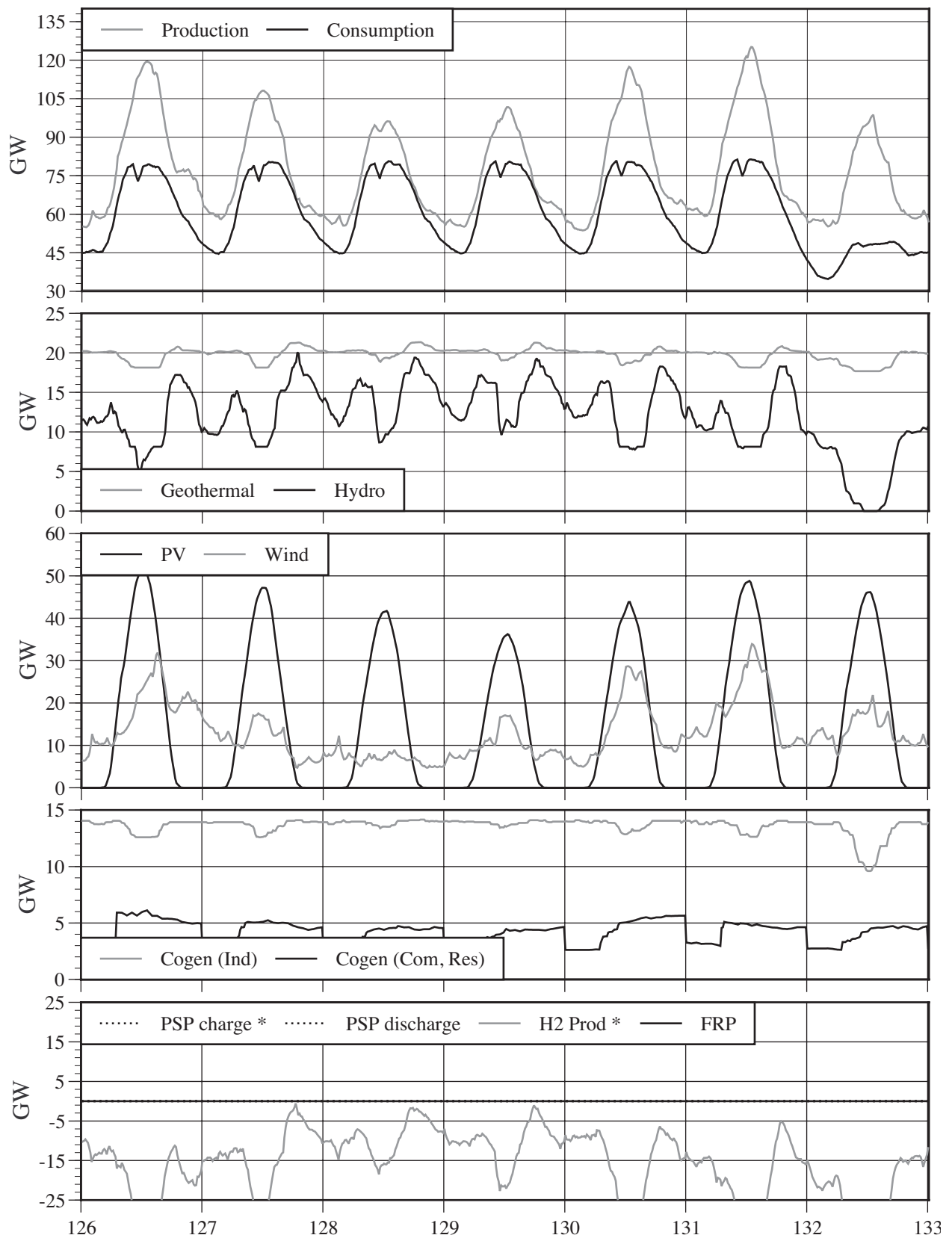


Figure 100 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 19. Source: ERJ.

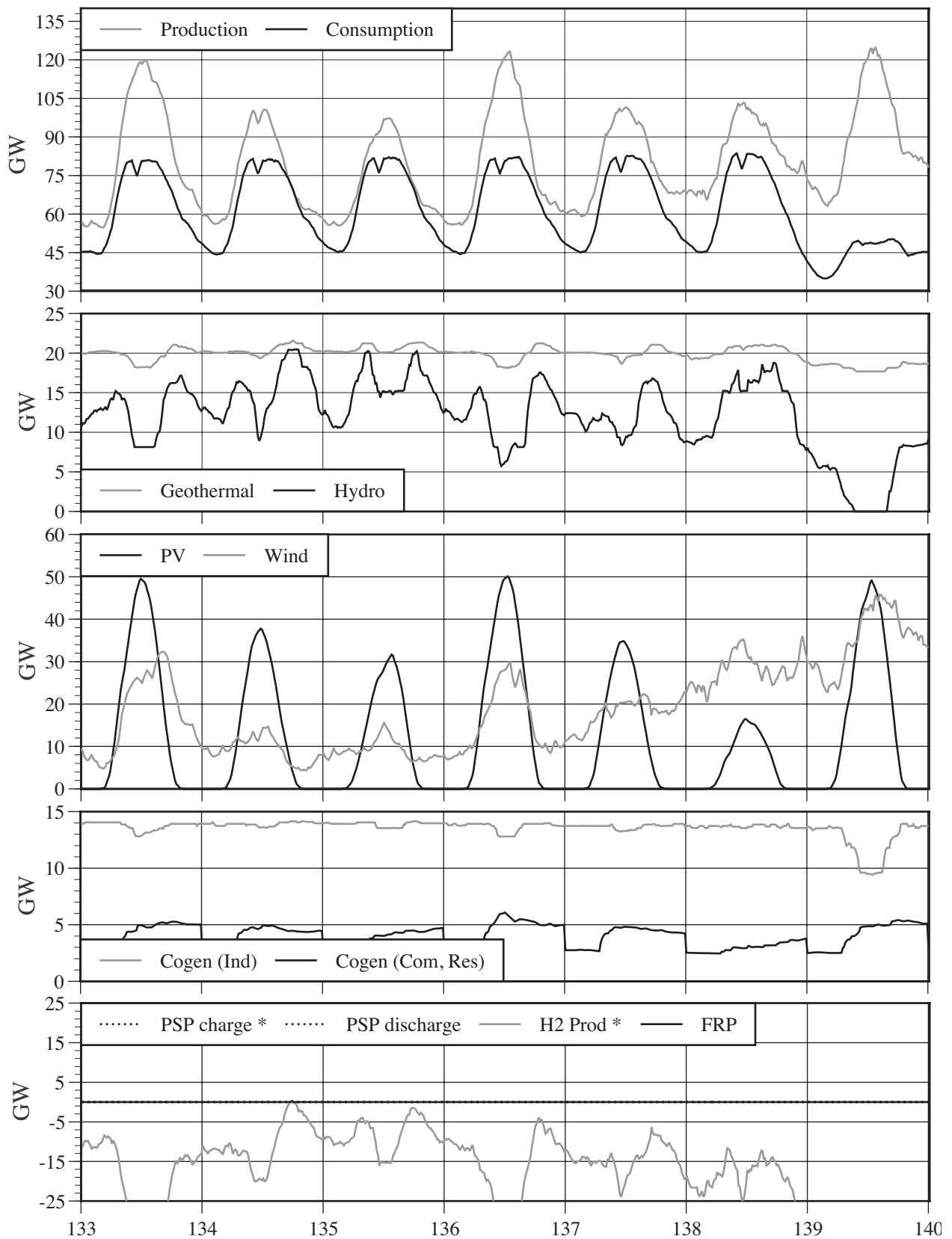


Figure 101 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 20. Source: ERJ.

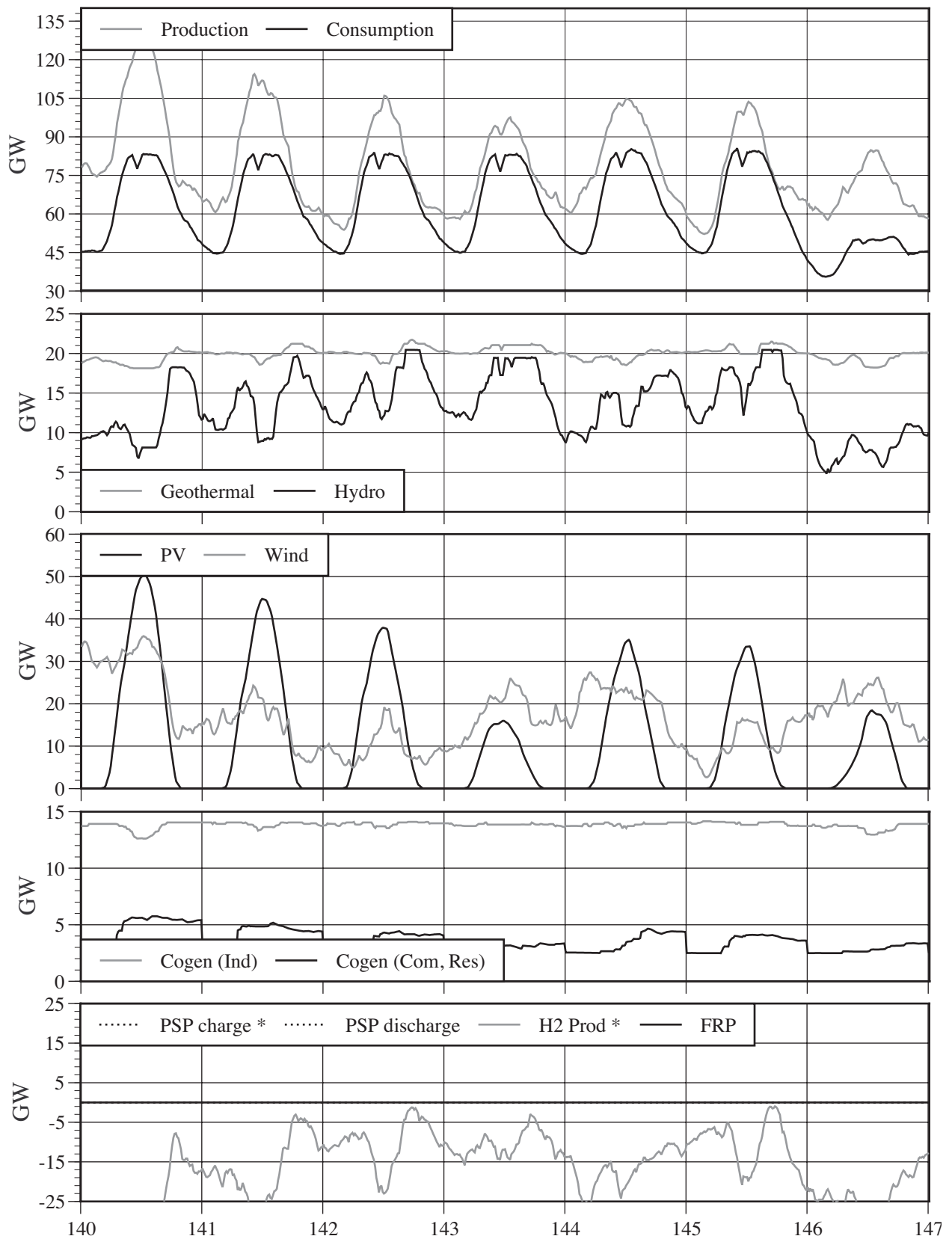


Figure 102 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 21. Source: ERJ.

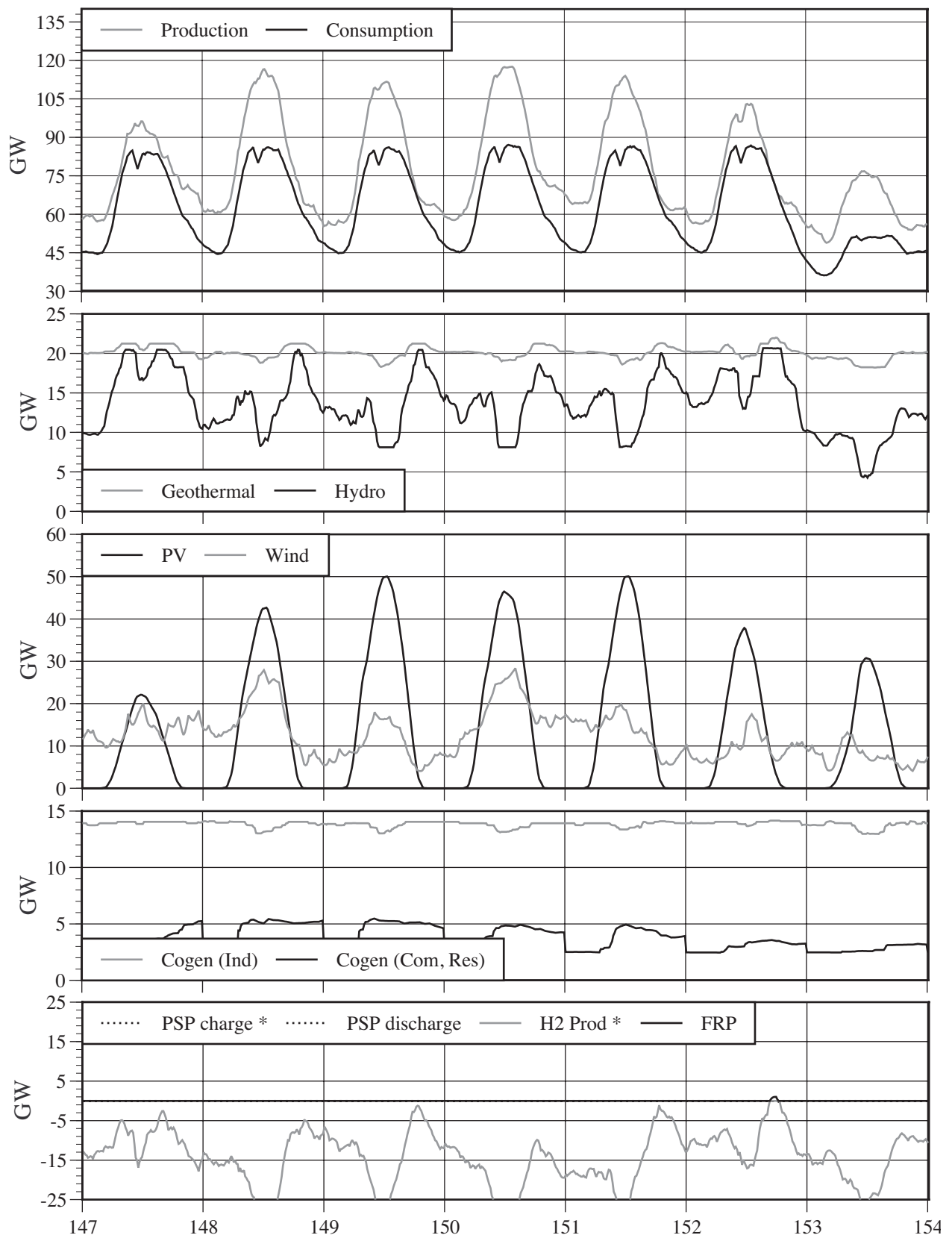


Figure 103 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 22. Source: ERJ.

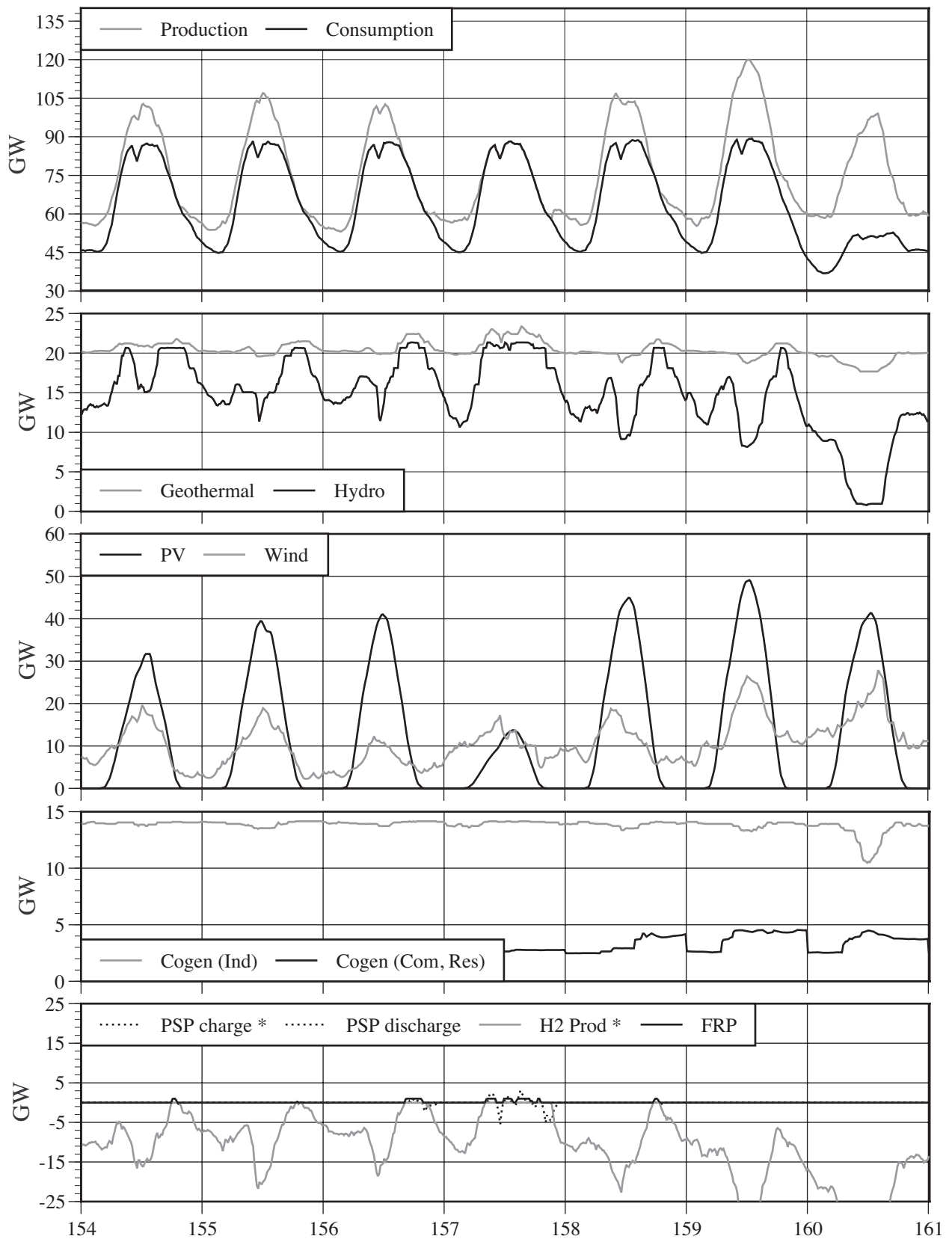


Figure 104 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 23. Source: ERJ.



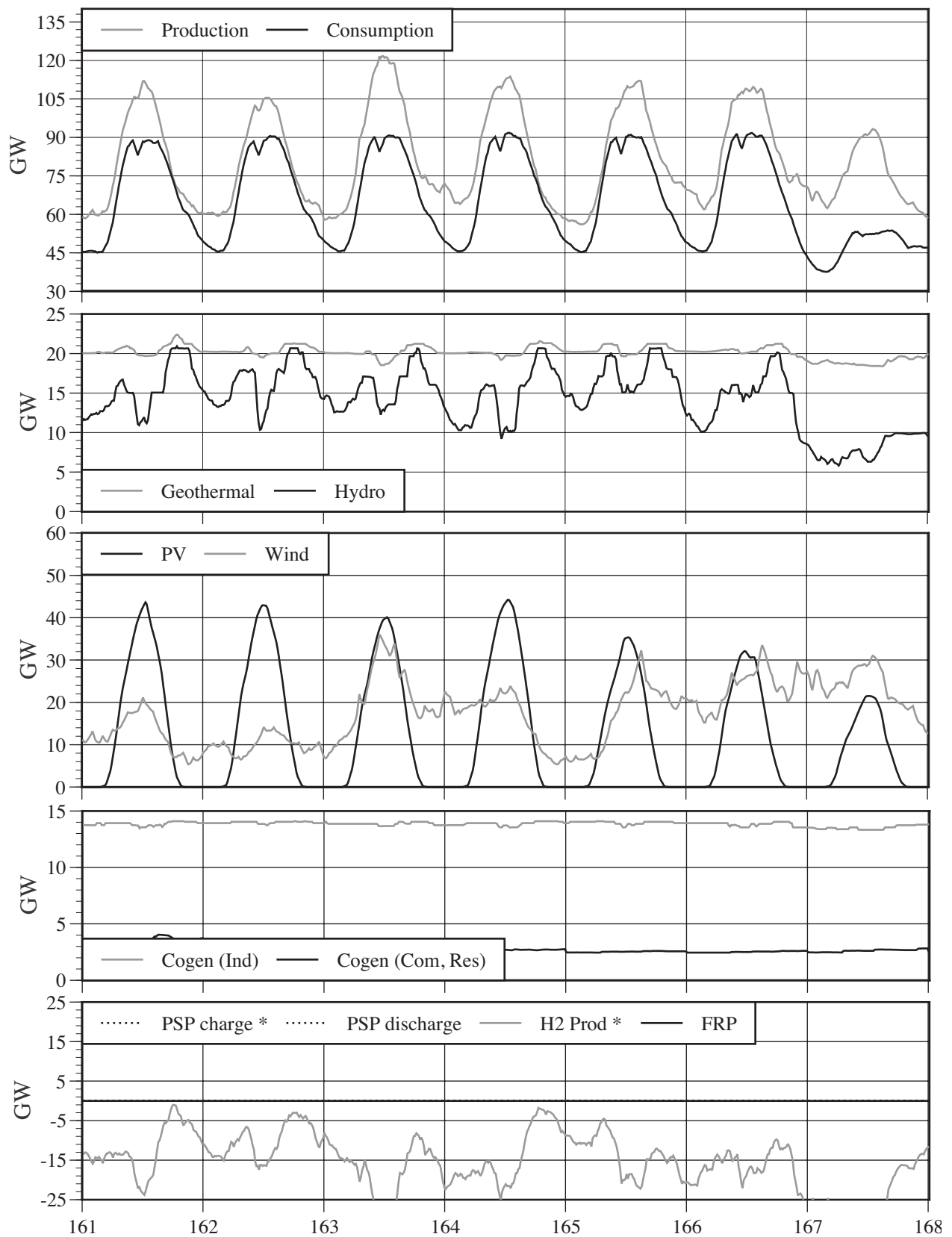


Figure 105 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 24. Source: ERJ.

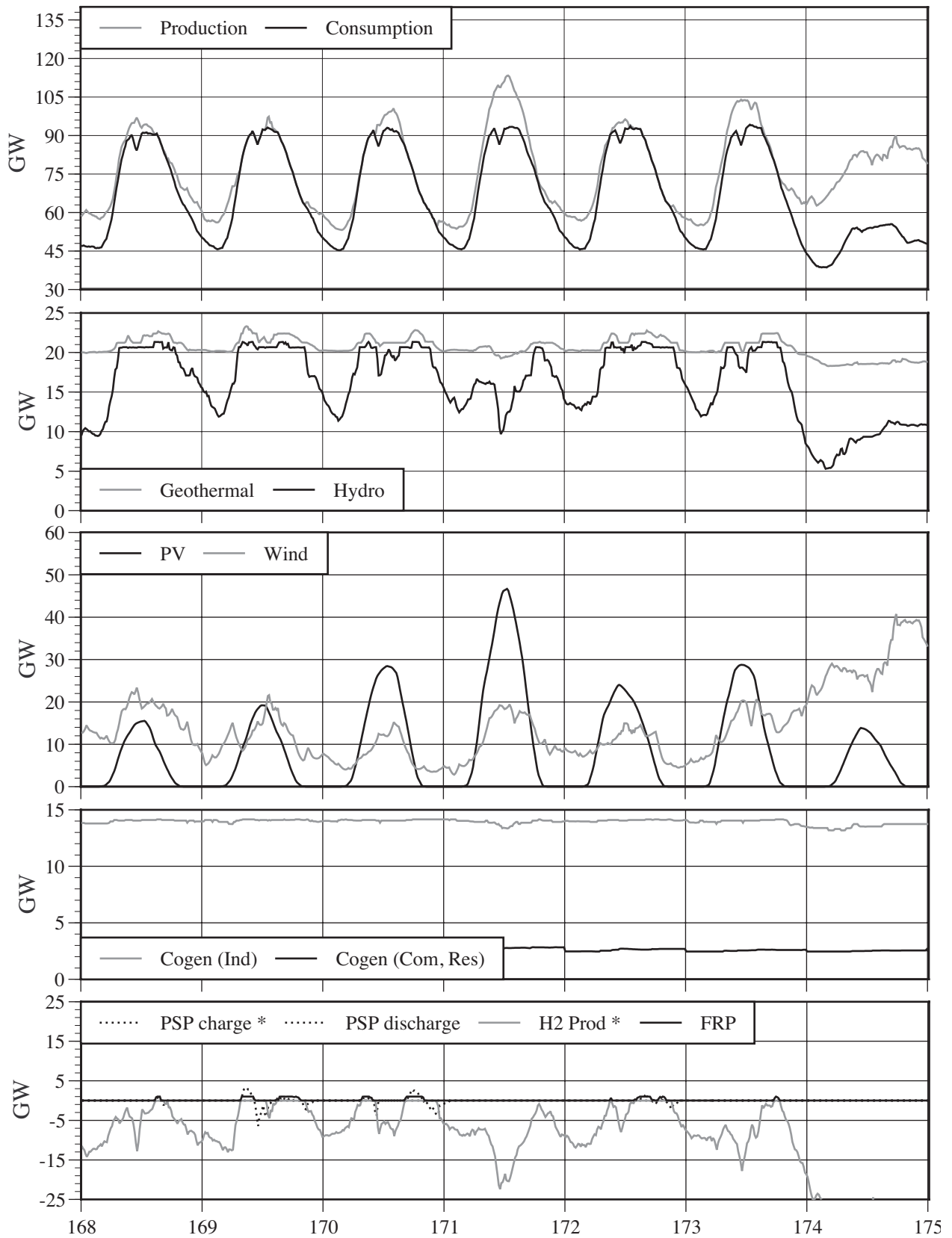


Figure 106 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 25. Source: ERJ.

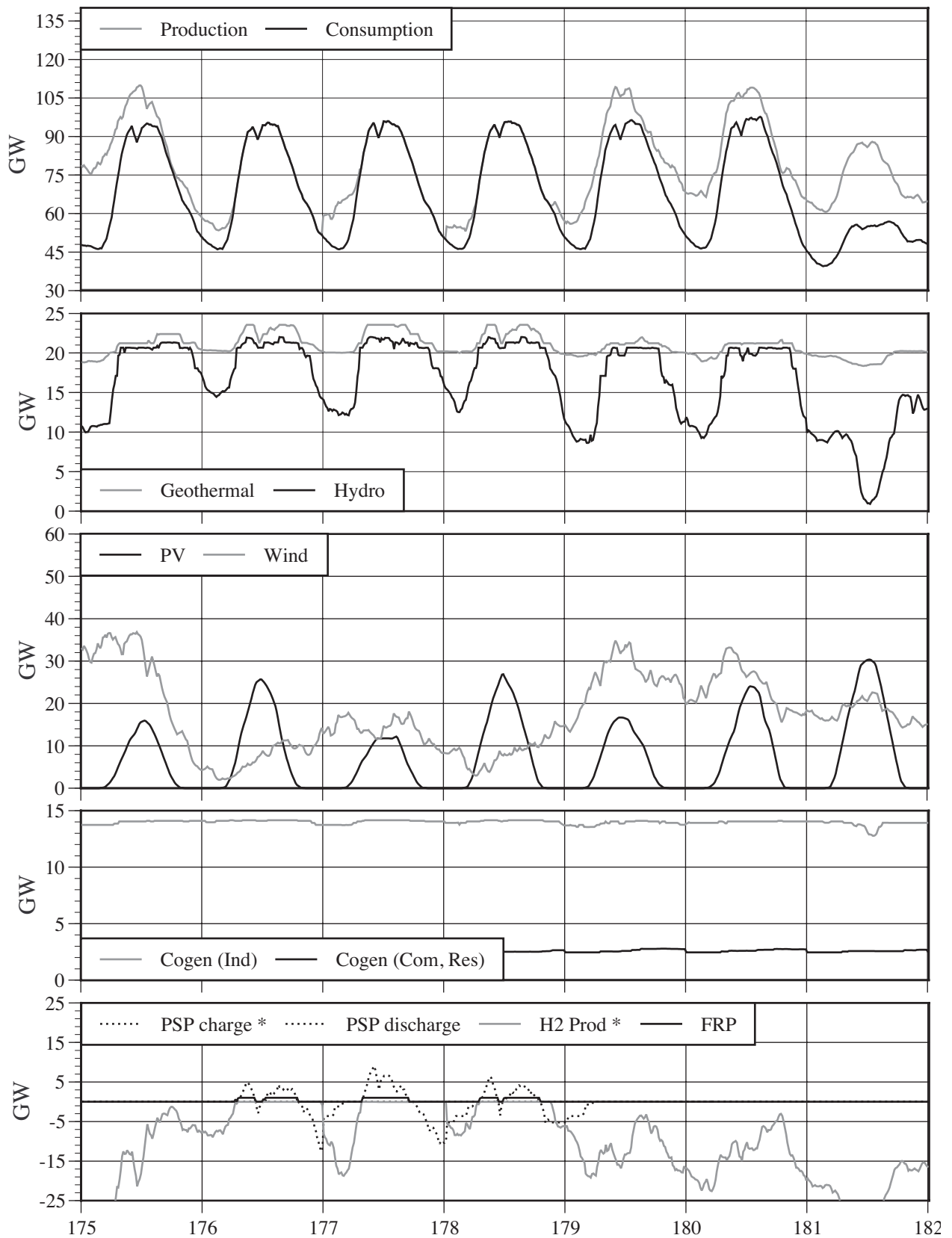


Figure 107 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 26. Source: ERJ.

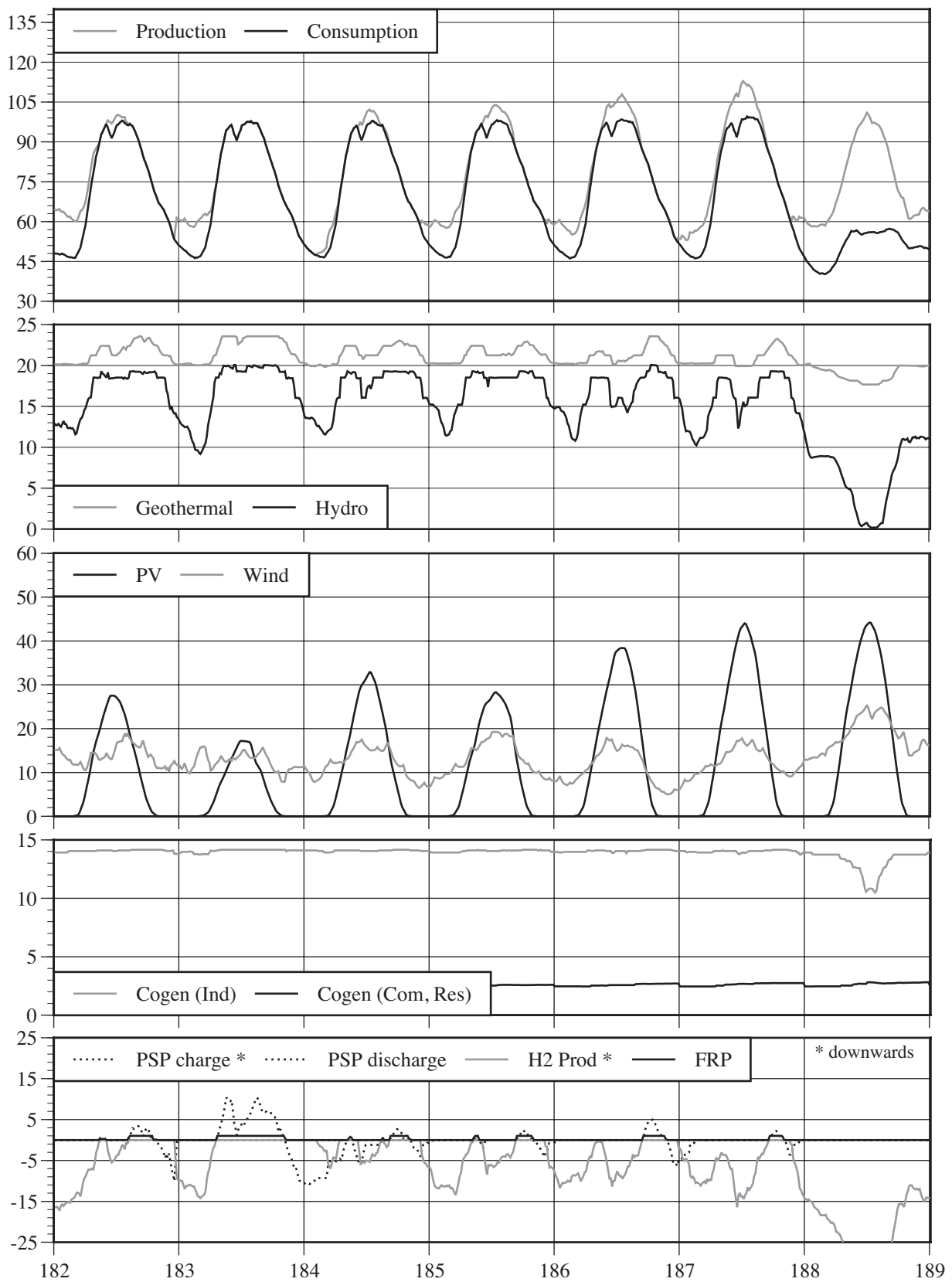


Figure 108 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 27. Source: ERJ.

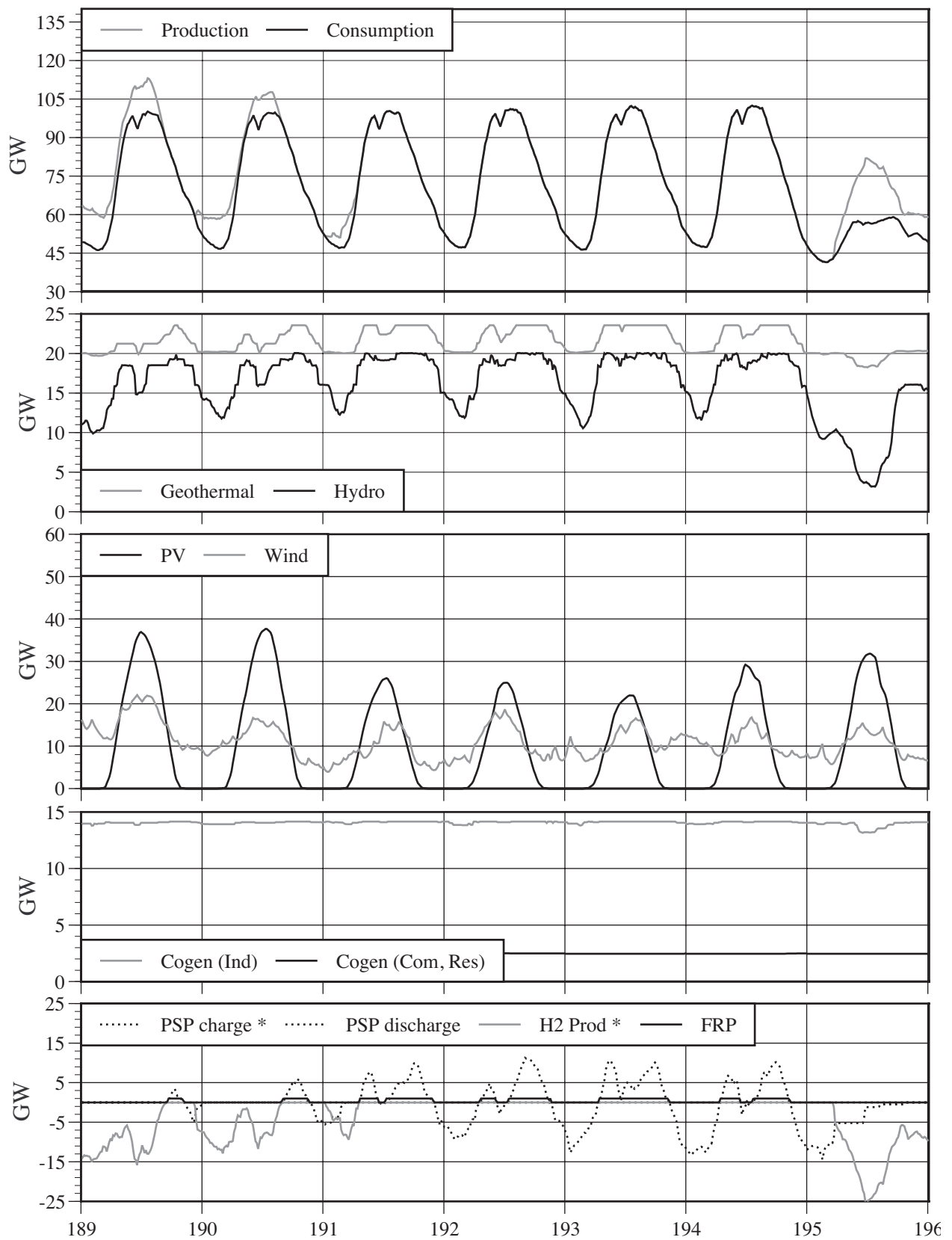


Figure 109 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 28. Source: ERJ.

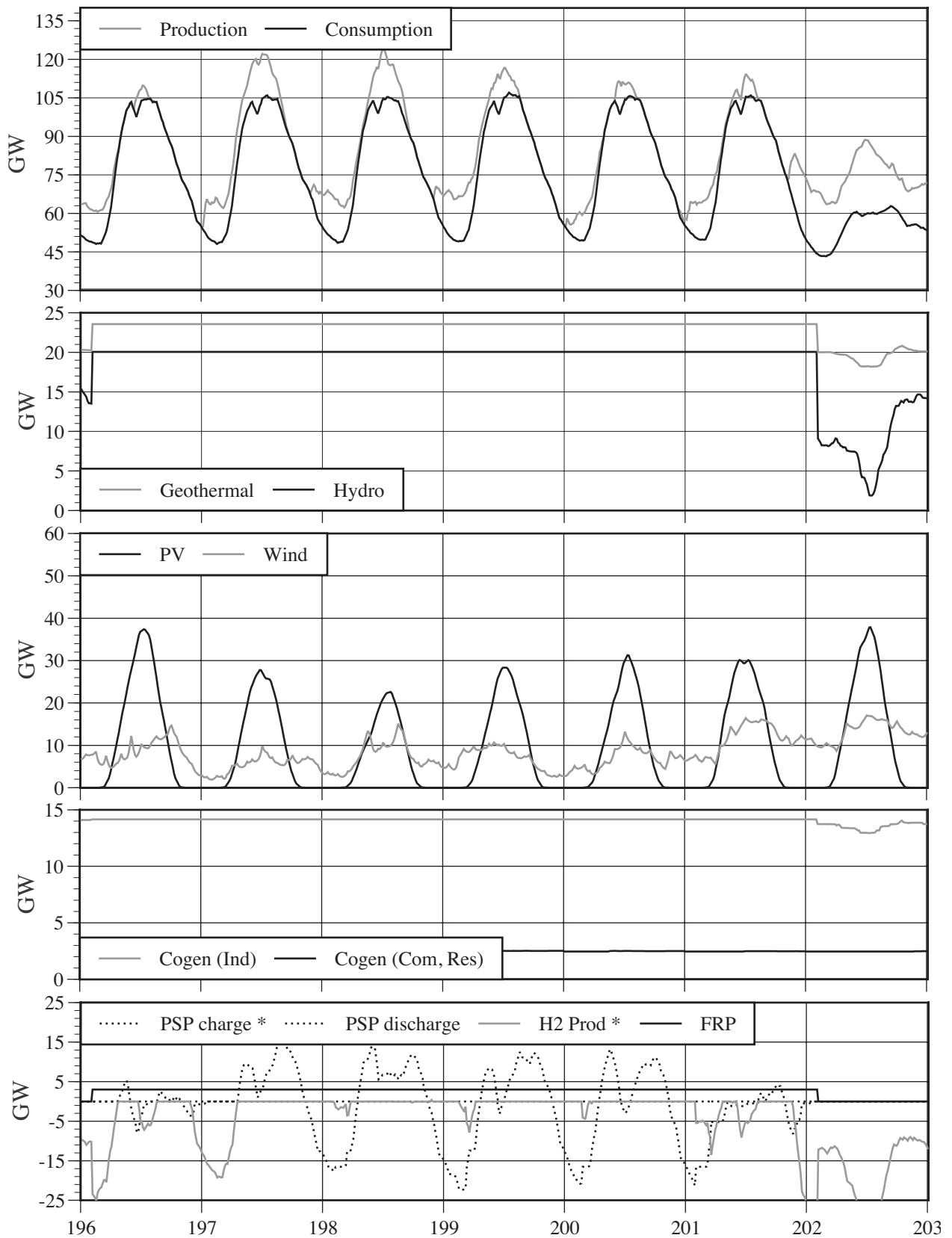


Figure 110 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 29. Source: ERJ.

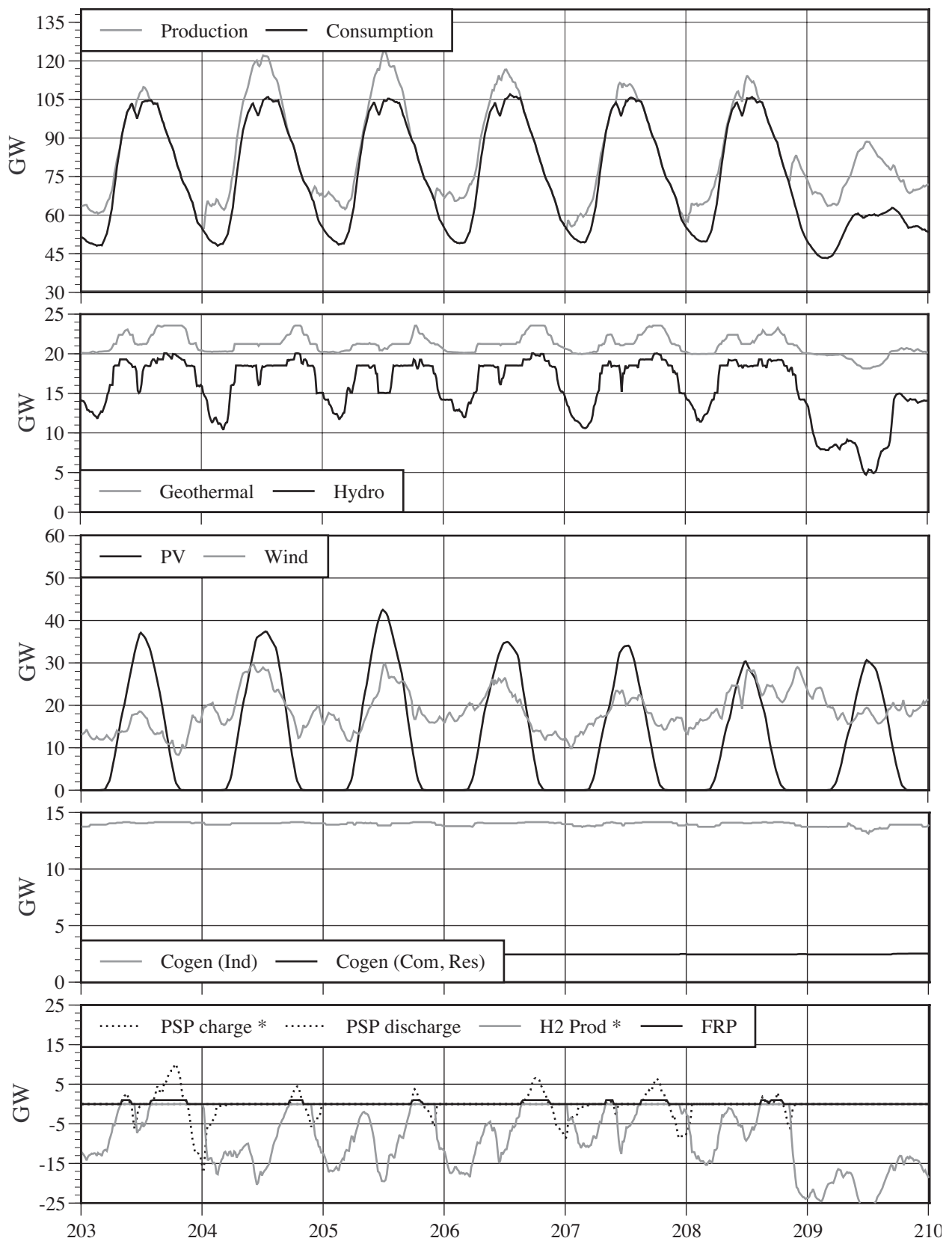


Figure 111 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 30. Source: ERJ.

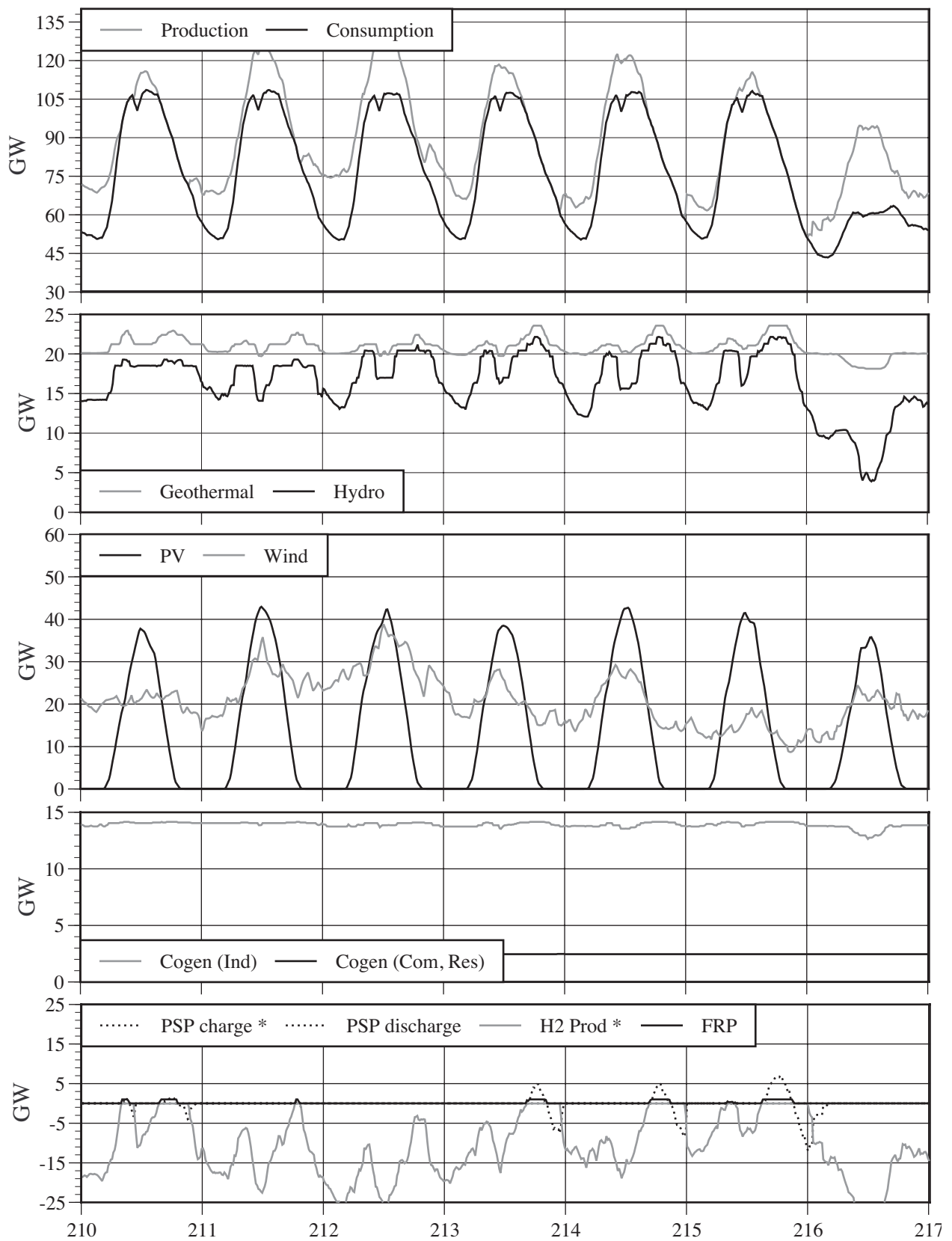


Figure 112 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 31. Source: ERJ.



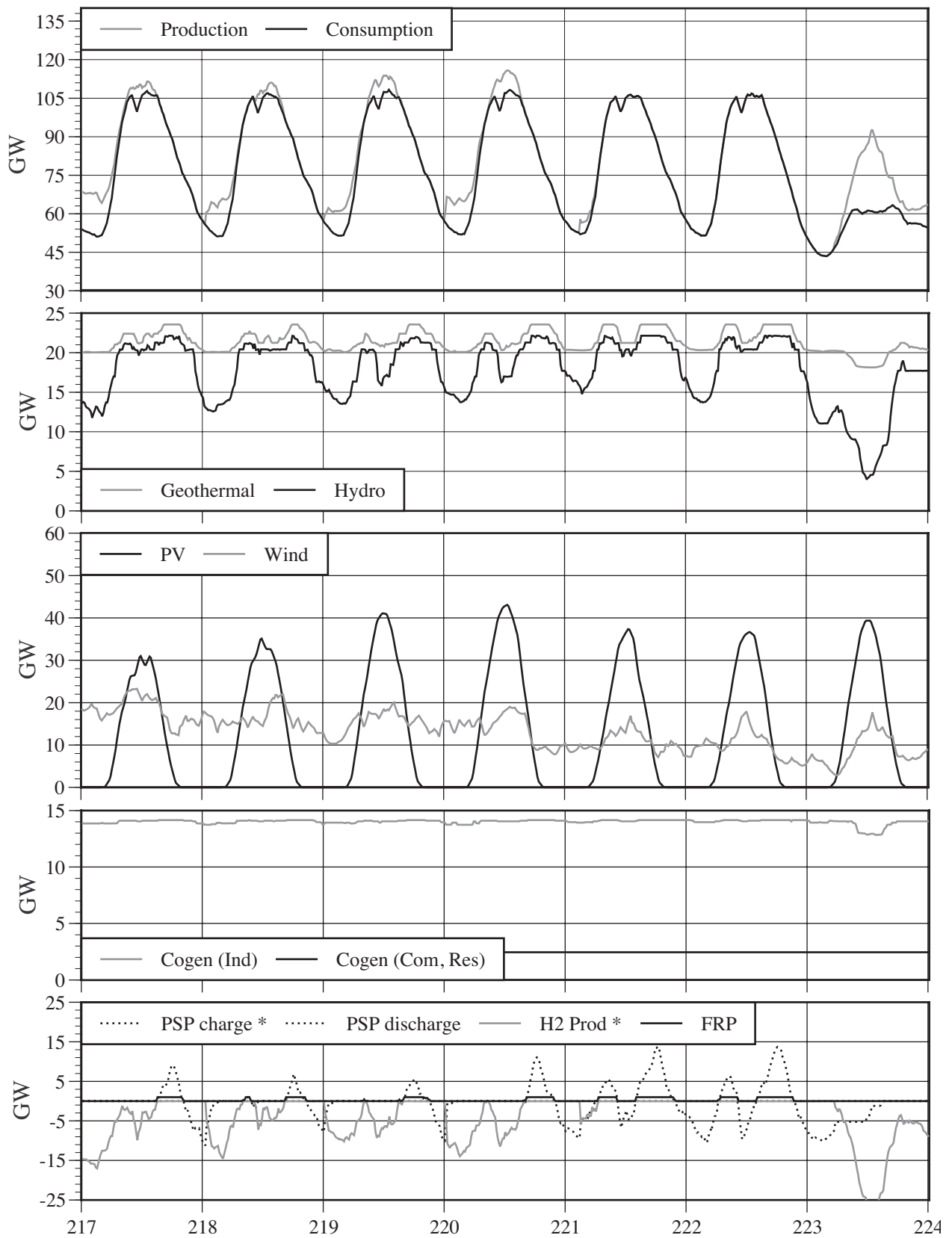


Figure 113 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 32. Source: ERJ.

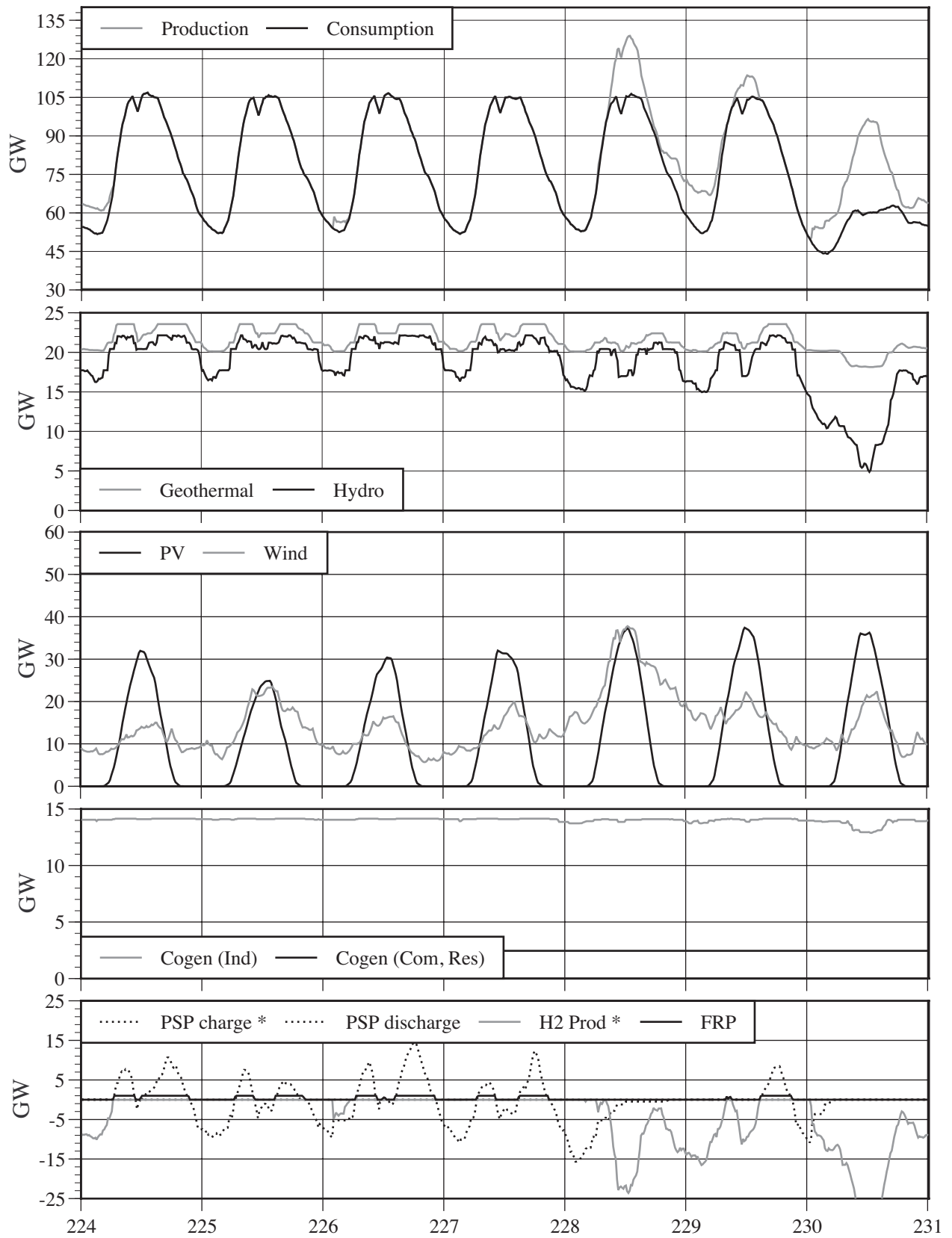


Figure 114 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 33. Source: ERJ.

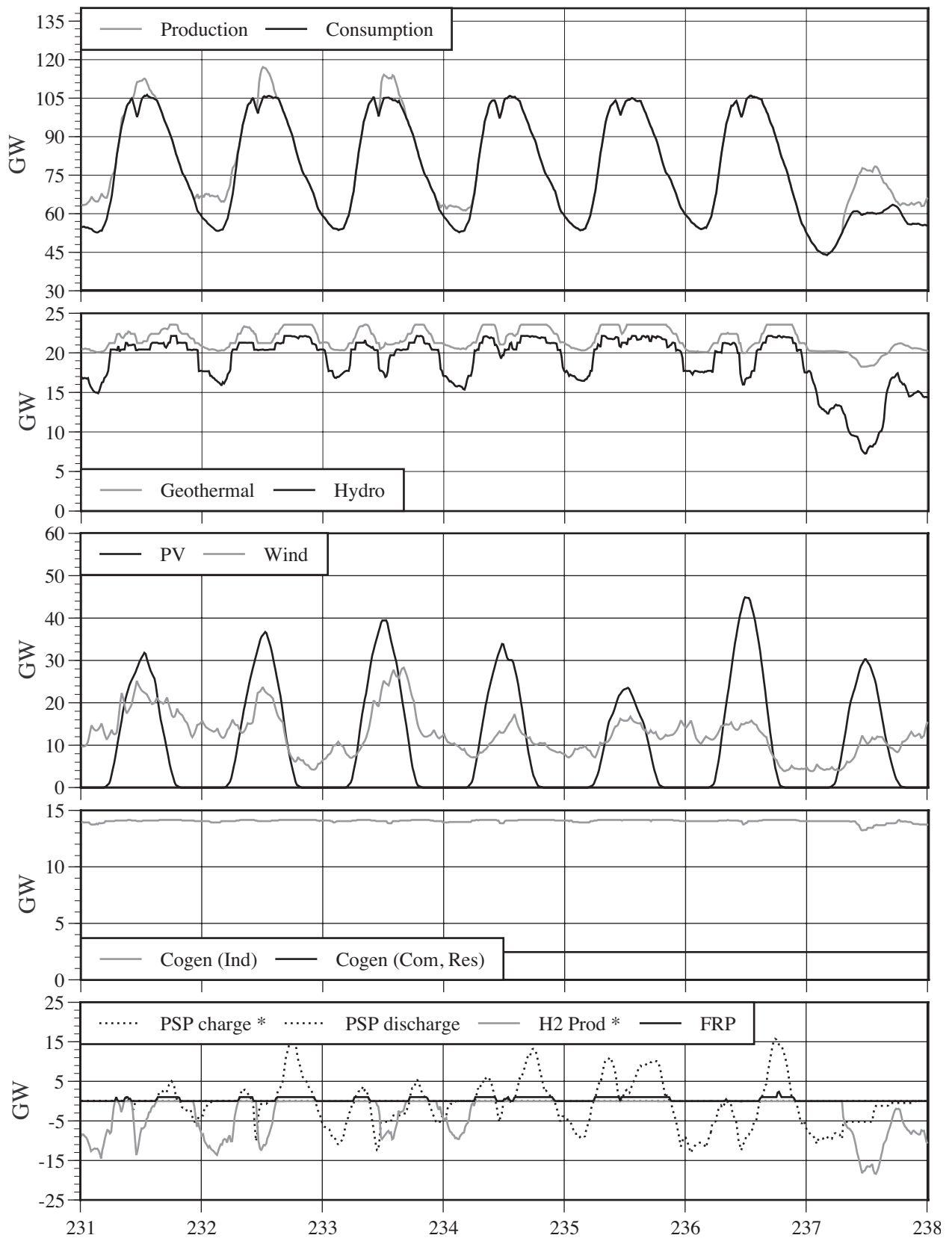


Figure 115 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 34. Source: ERJ.

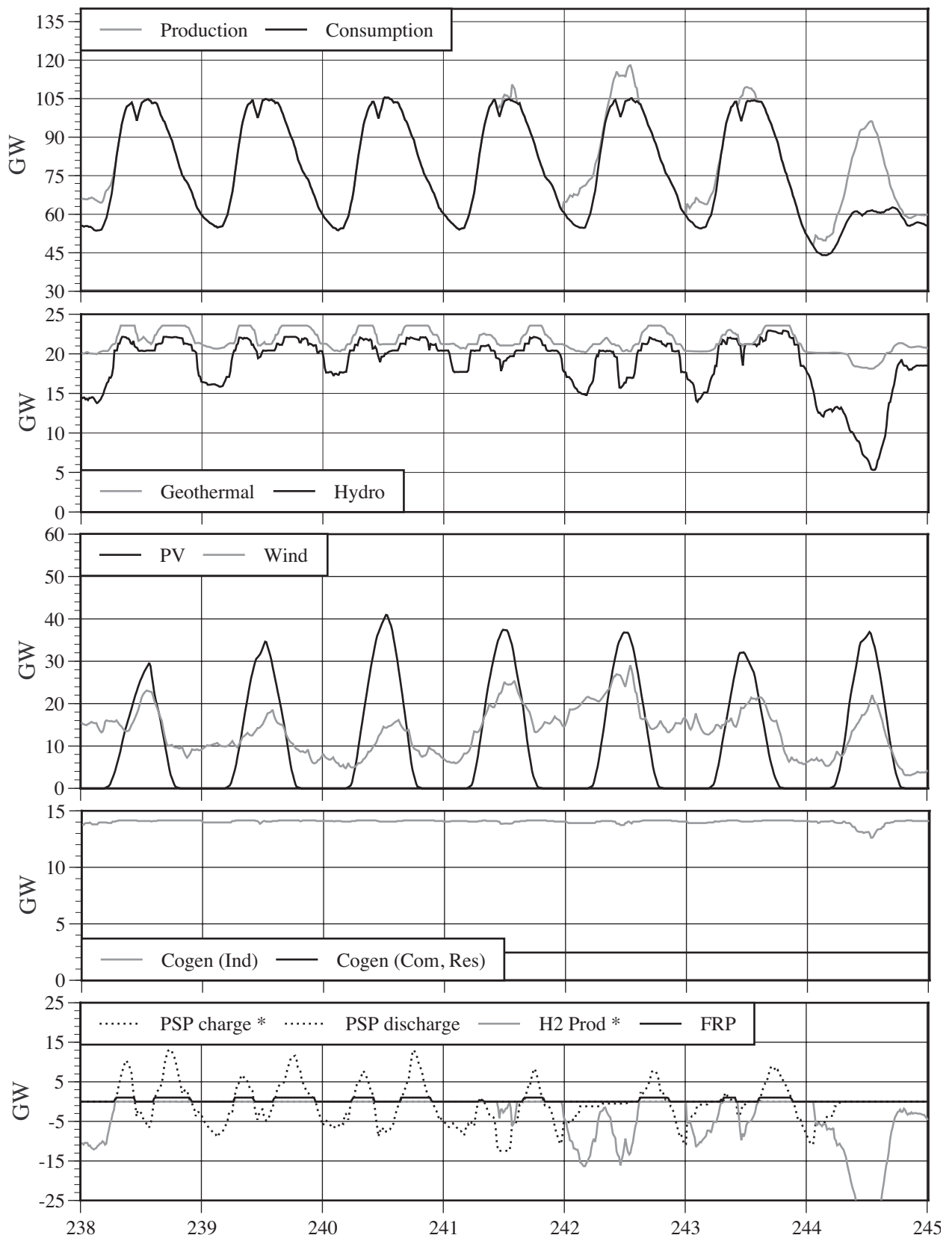


Figure 116 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 35. Source: ERJ.

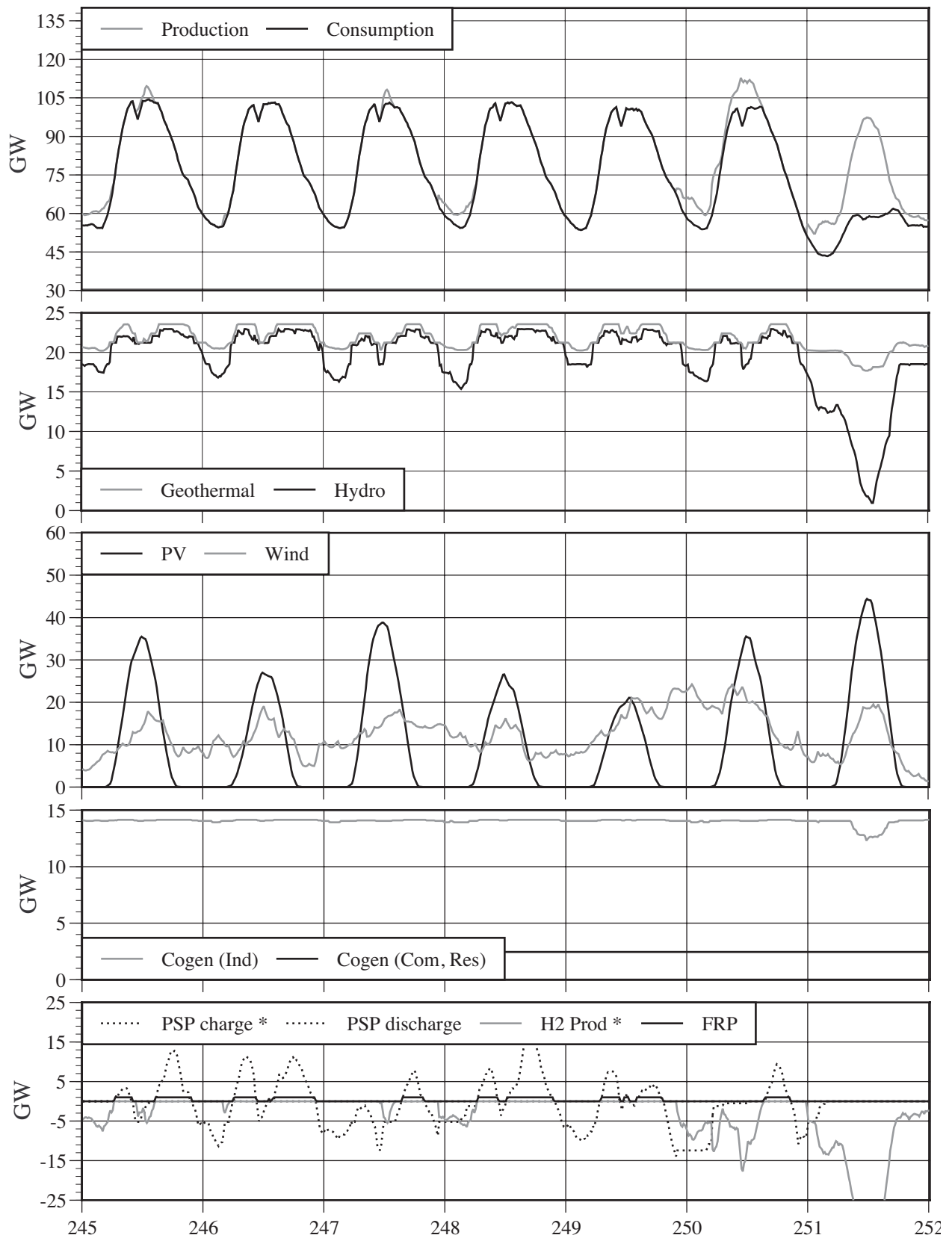


Figure 117 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 36. Source: ERJ.

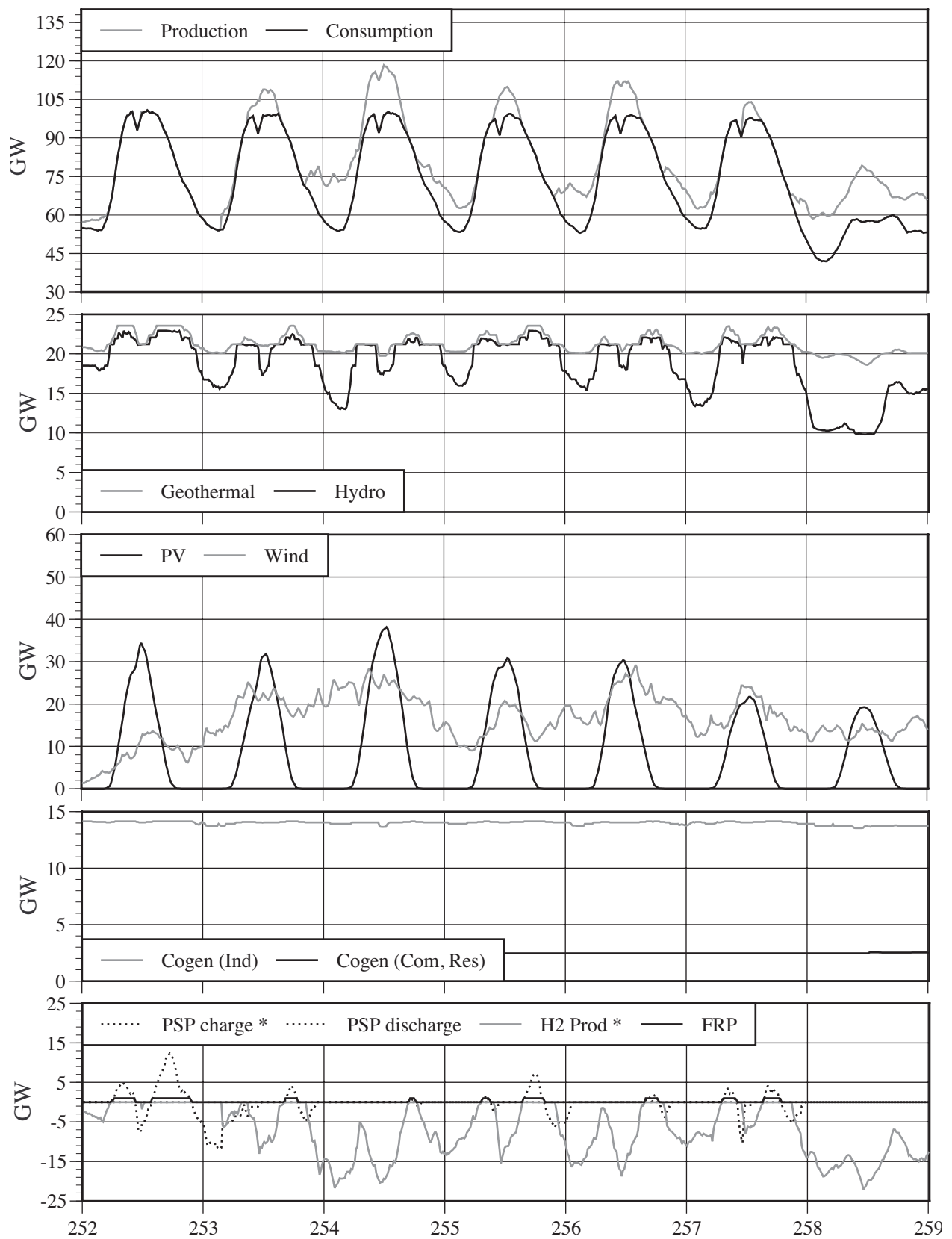


Figure 118 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 37. Source: ERJ.

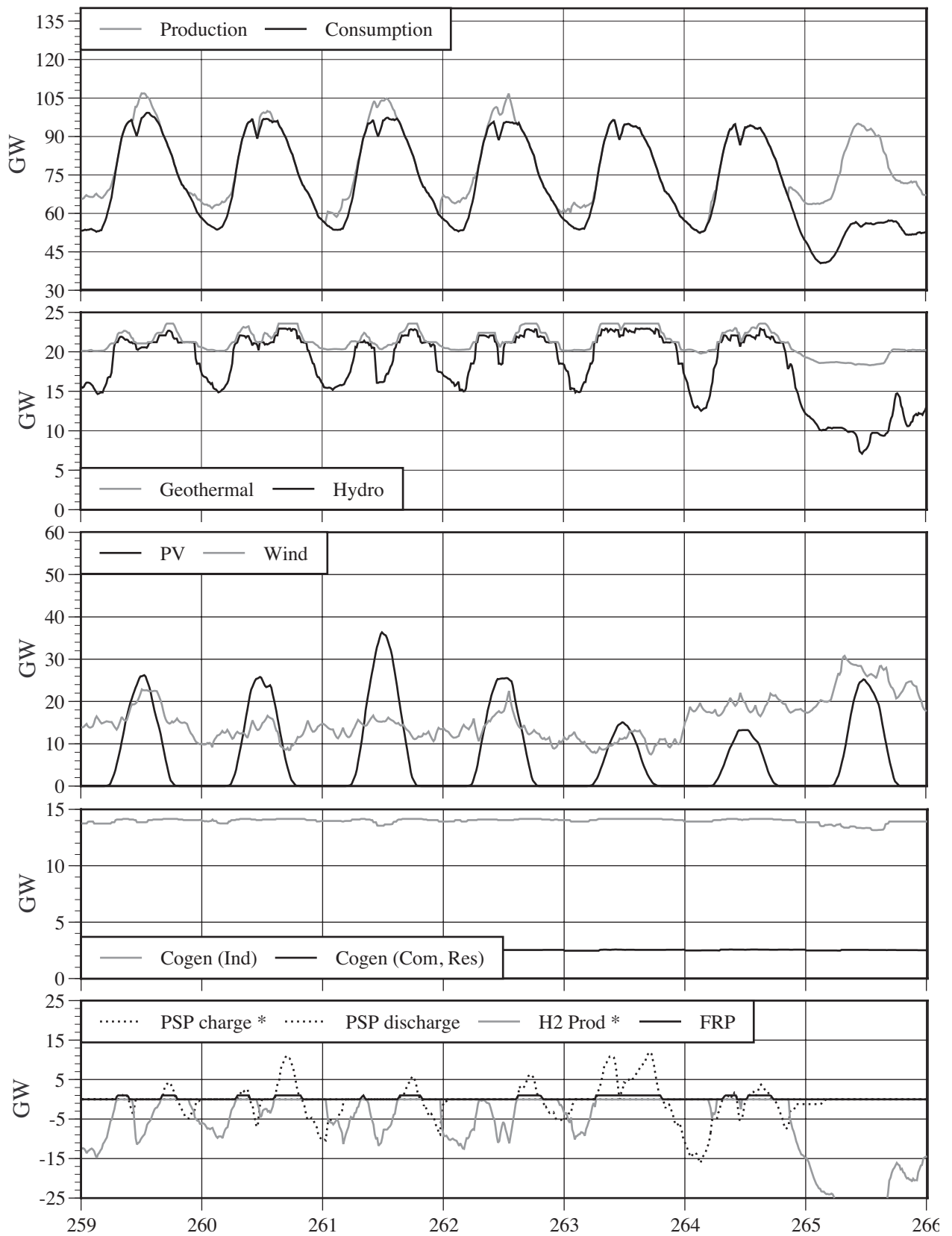


Figure 119 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 38. Source: ERJ.

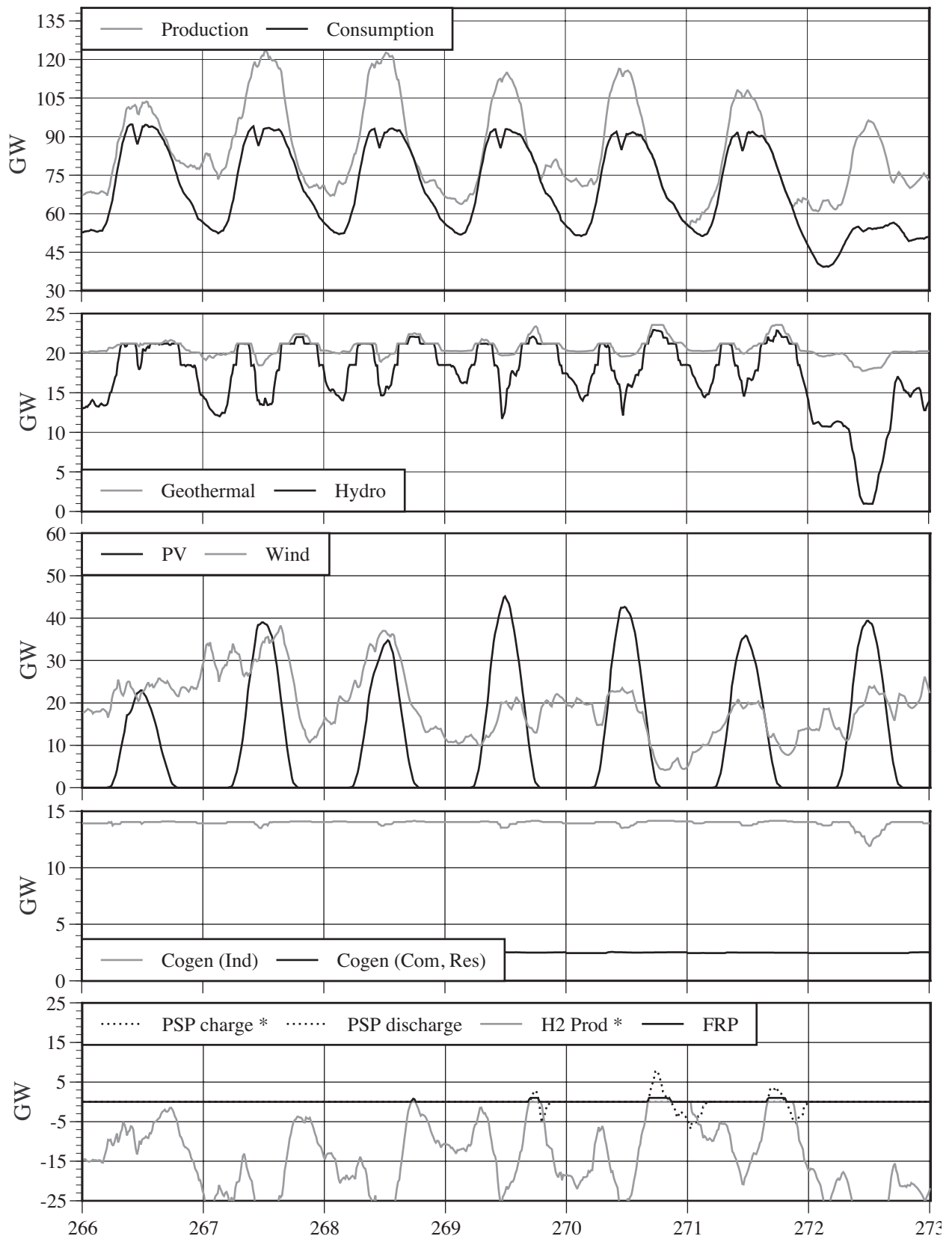


Figure 120 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 39. Source: ERJ.



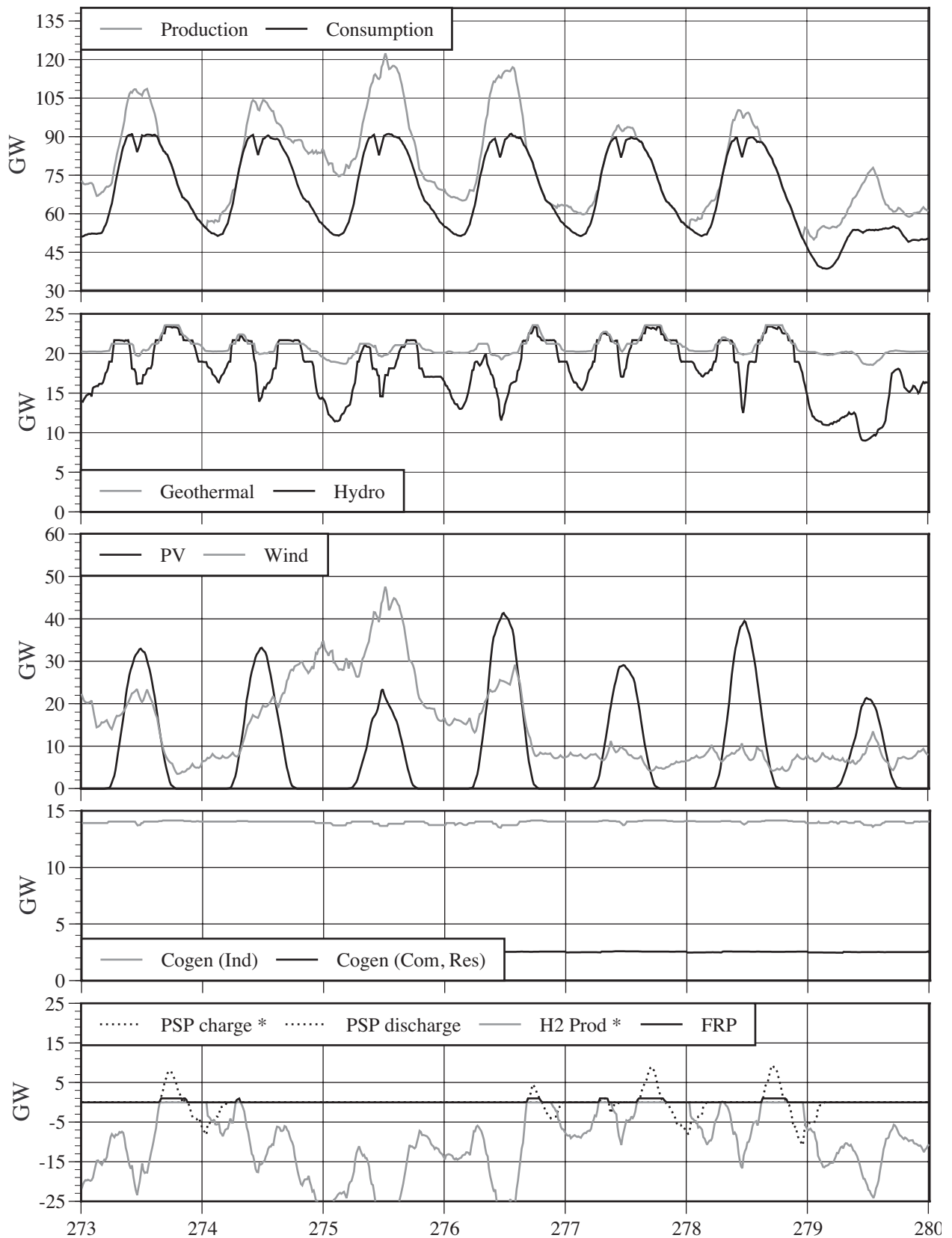


Figure 121 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 40. Source: ERJ.

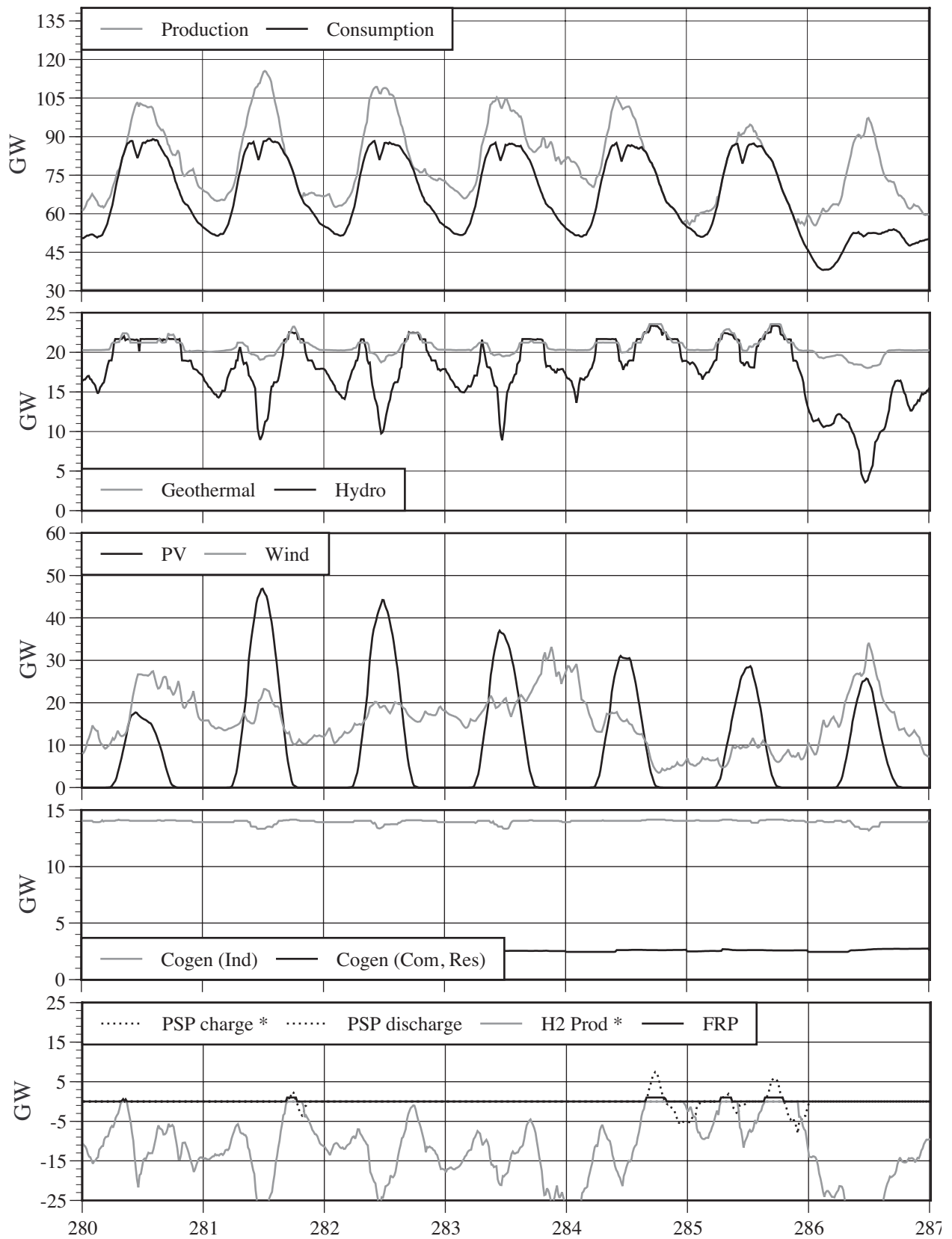


Figure 122 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 41. Source: ERJ.

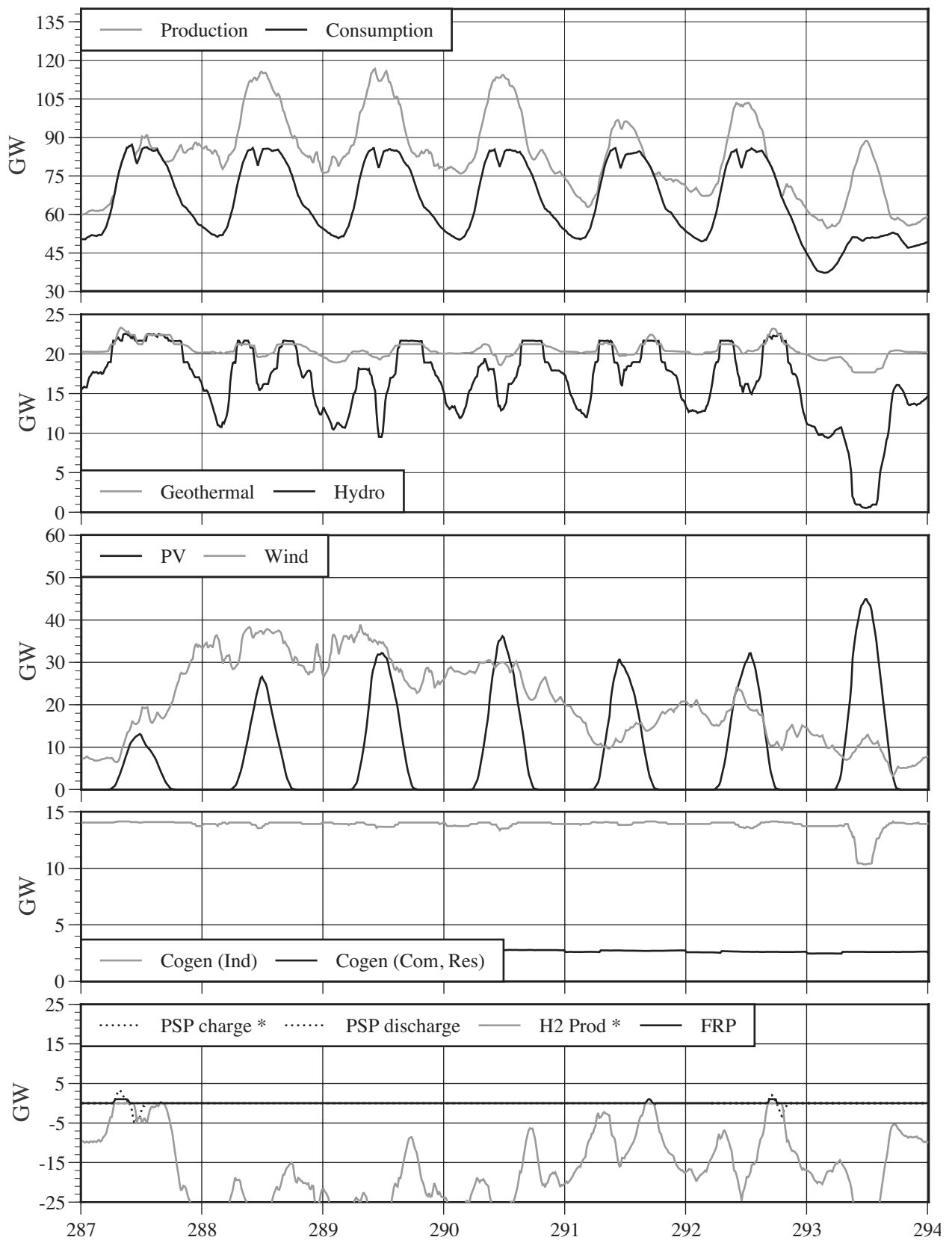


Figure 123 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 42. Source: ERJ.

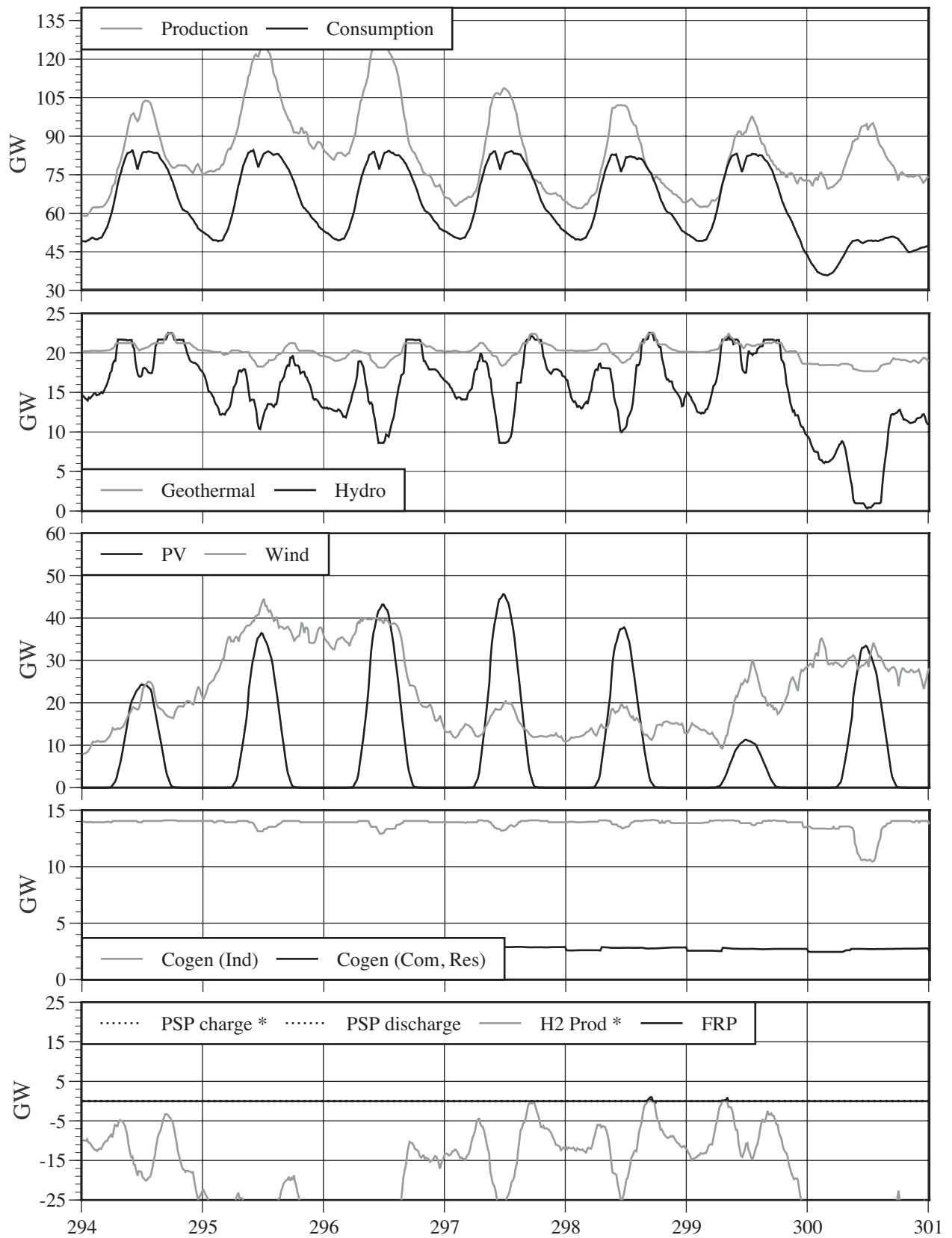


Figure 124 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 43. Source: ERJ.

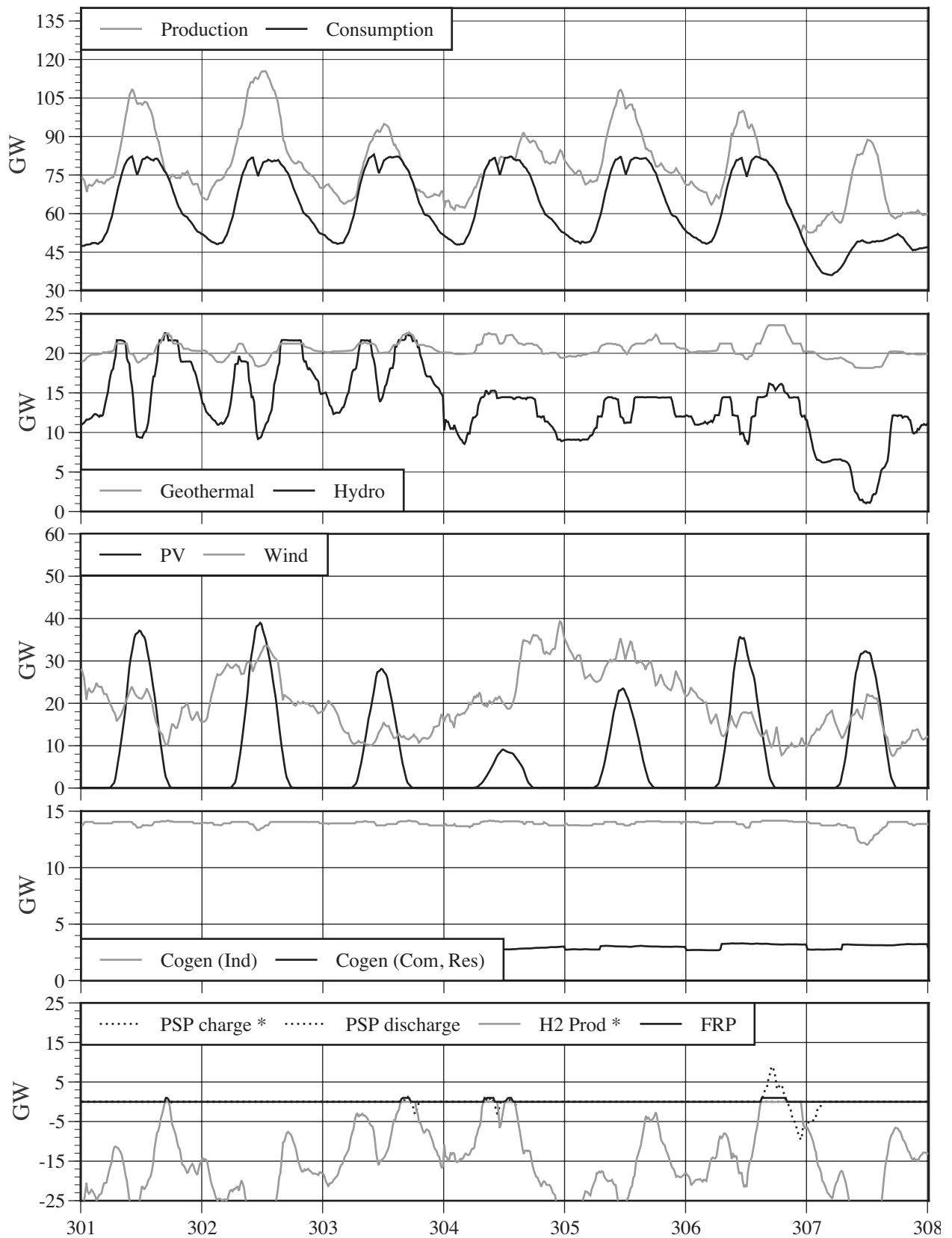


Figure 125 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 44. Source: ERJ.

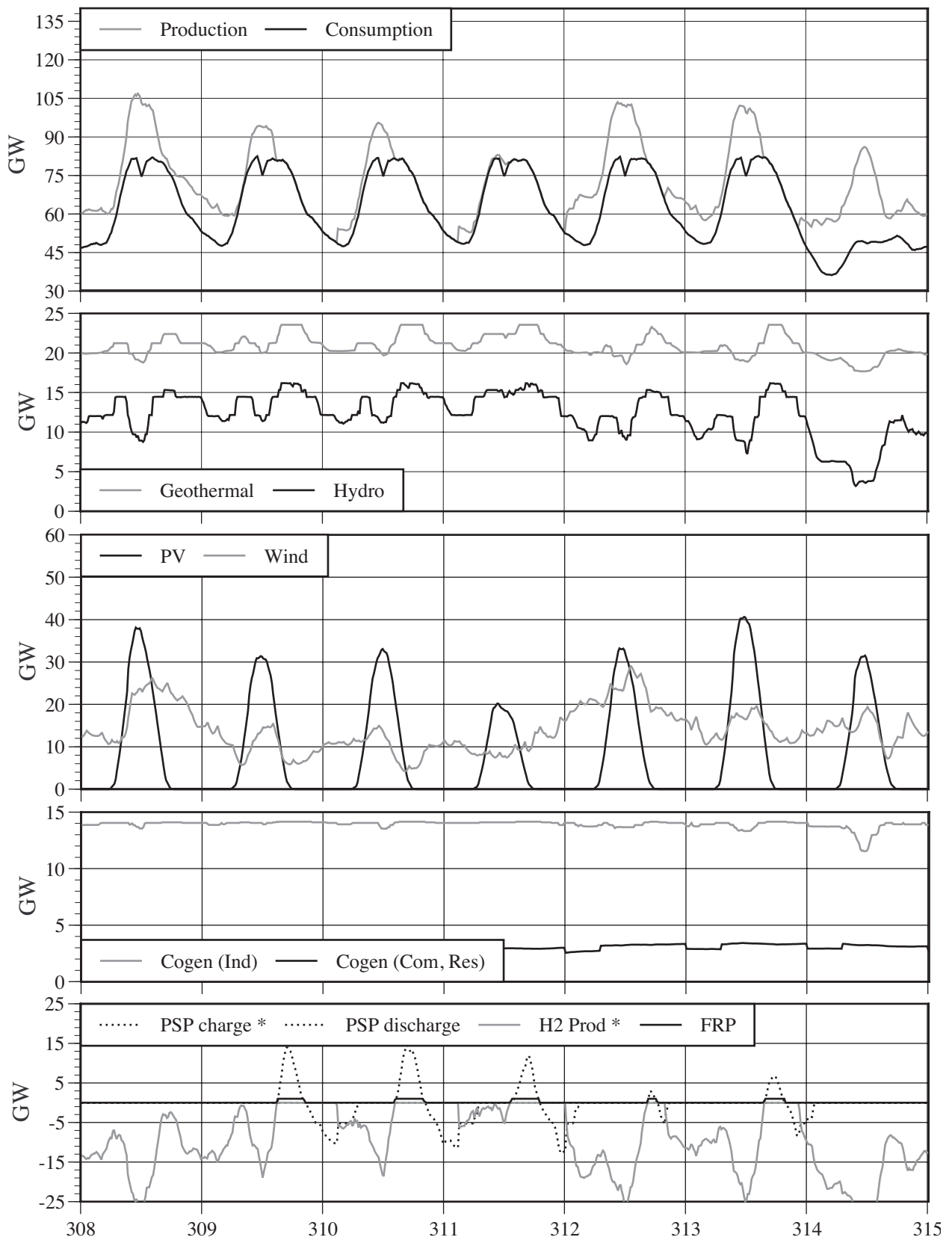


Figure 126 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 45. Source: ERJ.

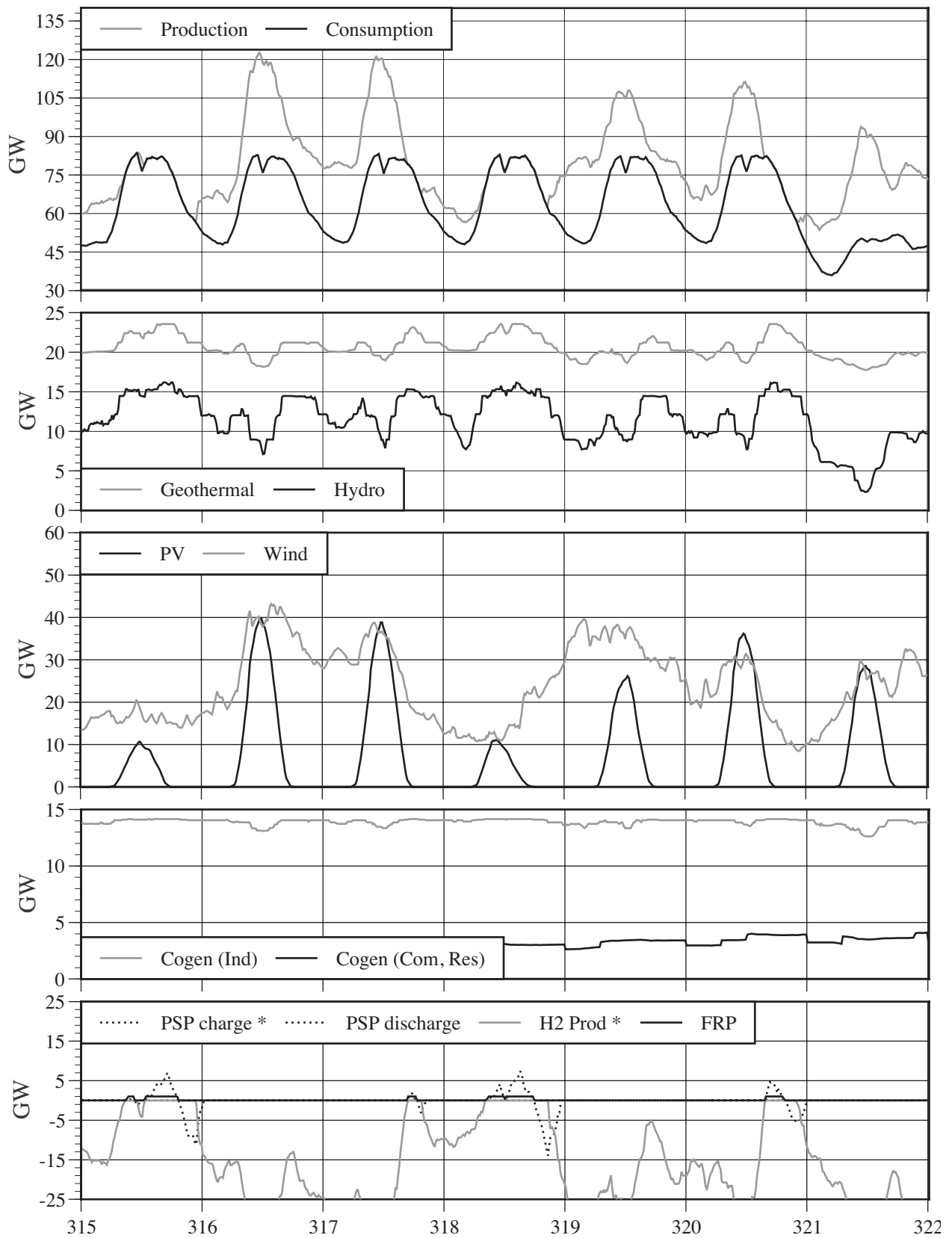


Figure 127 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 46. Source: ERJ.

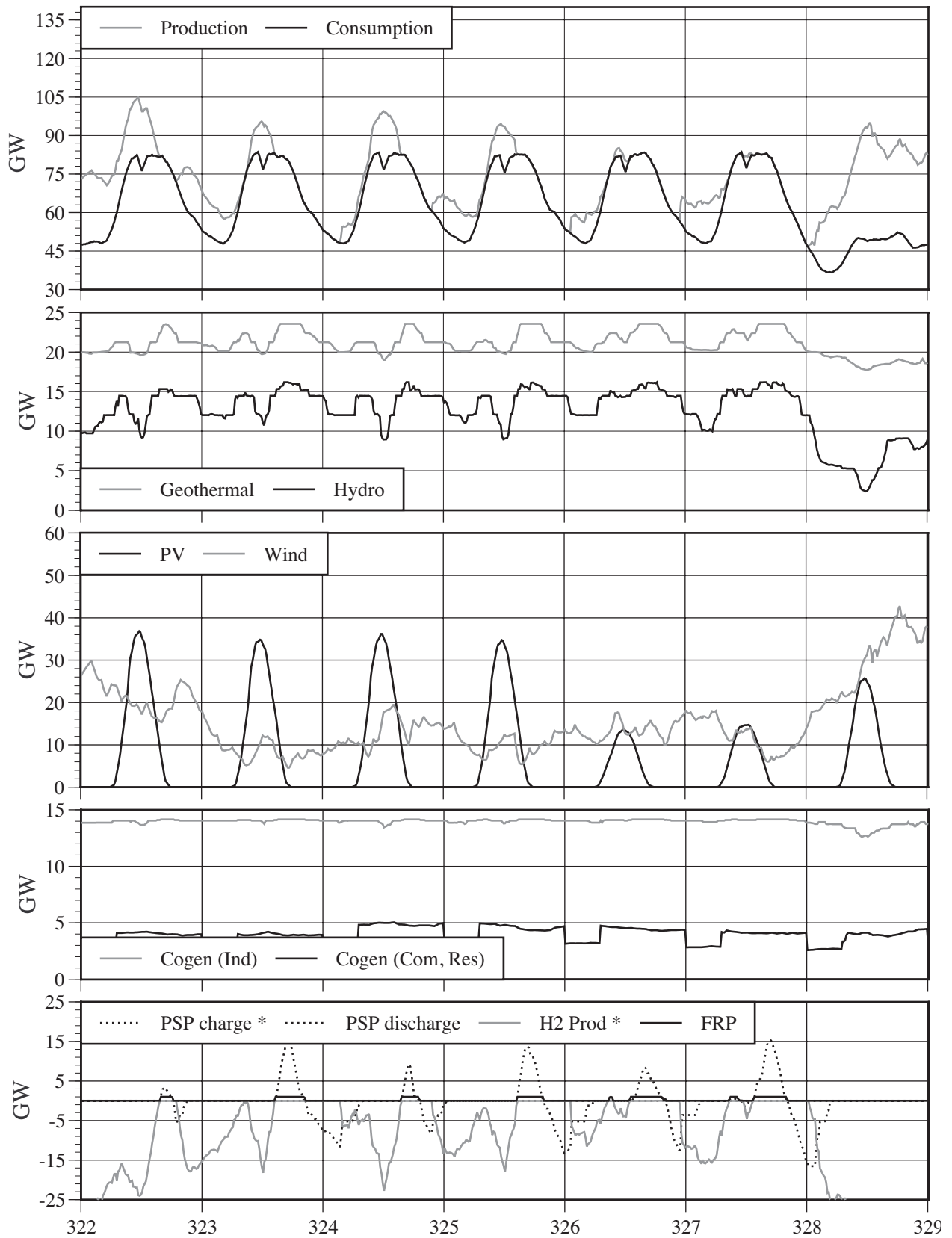


Figure 128 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 47. Source: ERJ.



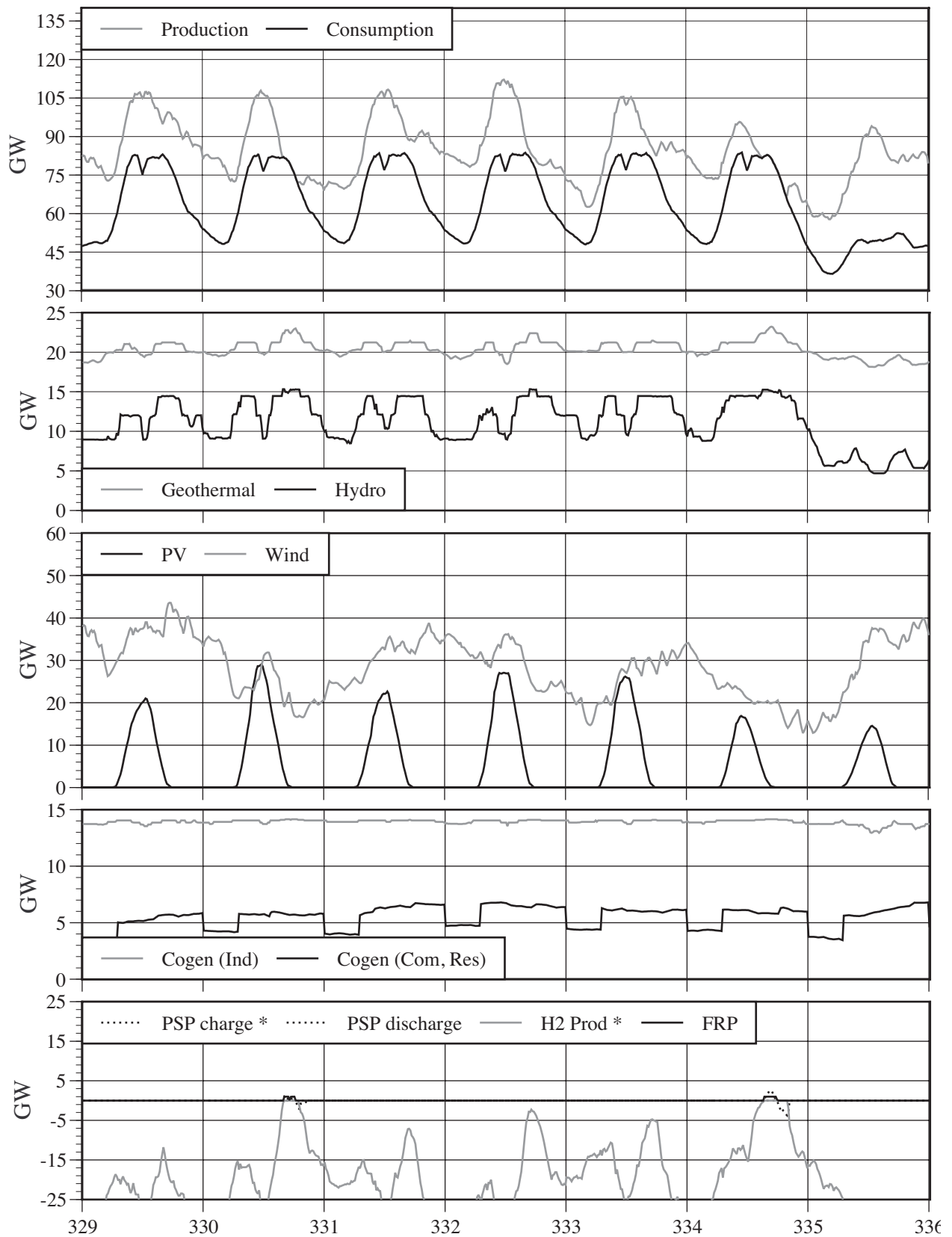


Figure 129 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 48. Source: ERJ.

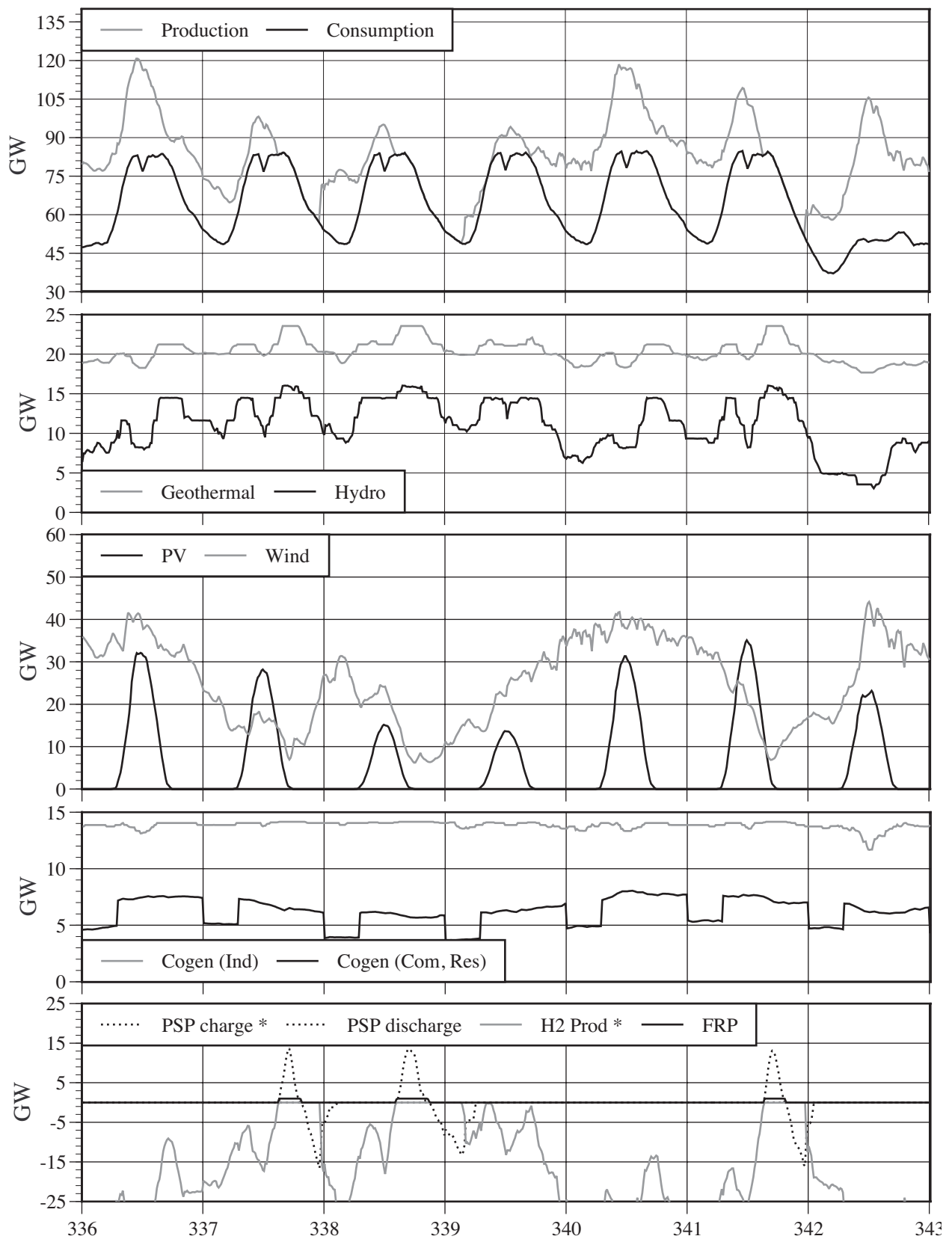


Figure 130 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 49. Source: ERJ.

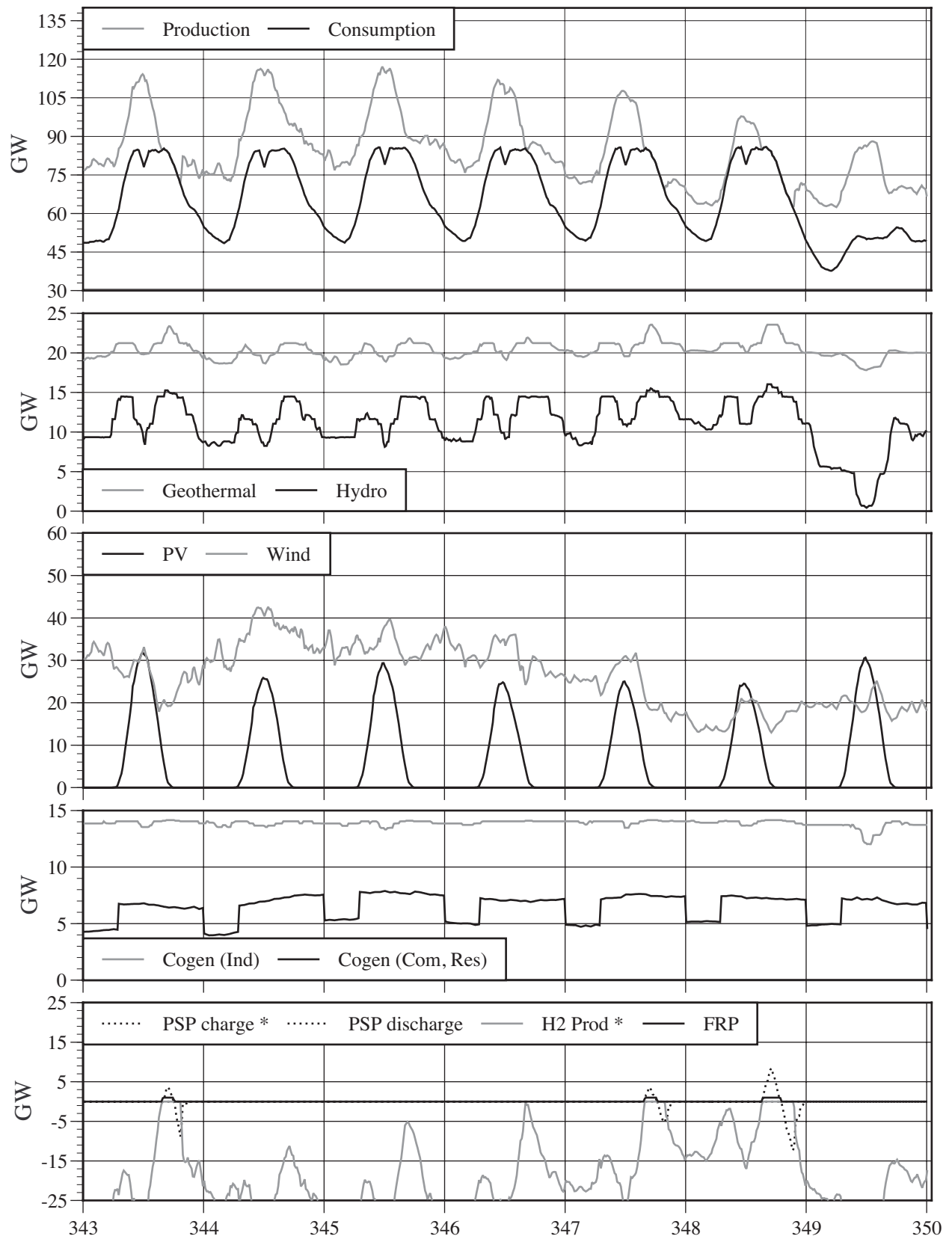


Figure 131 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 50. Source: ERJ.

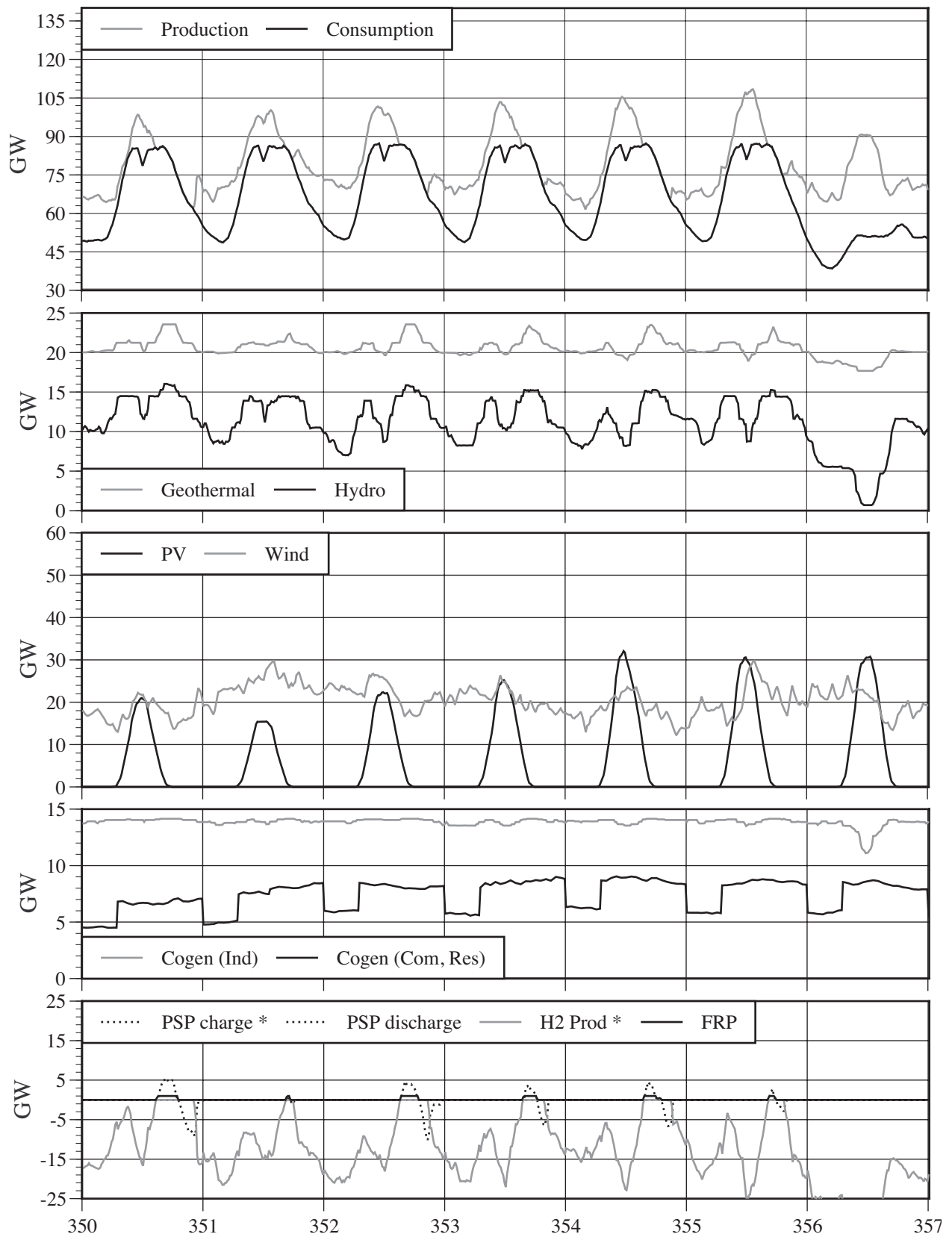


Figure 132 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 51. Source: ERJ.

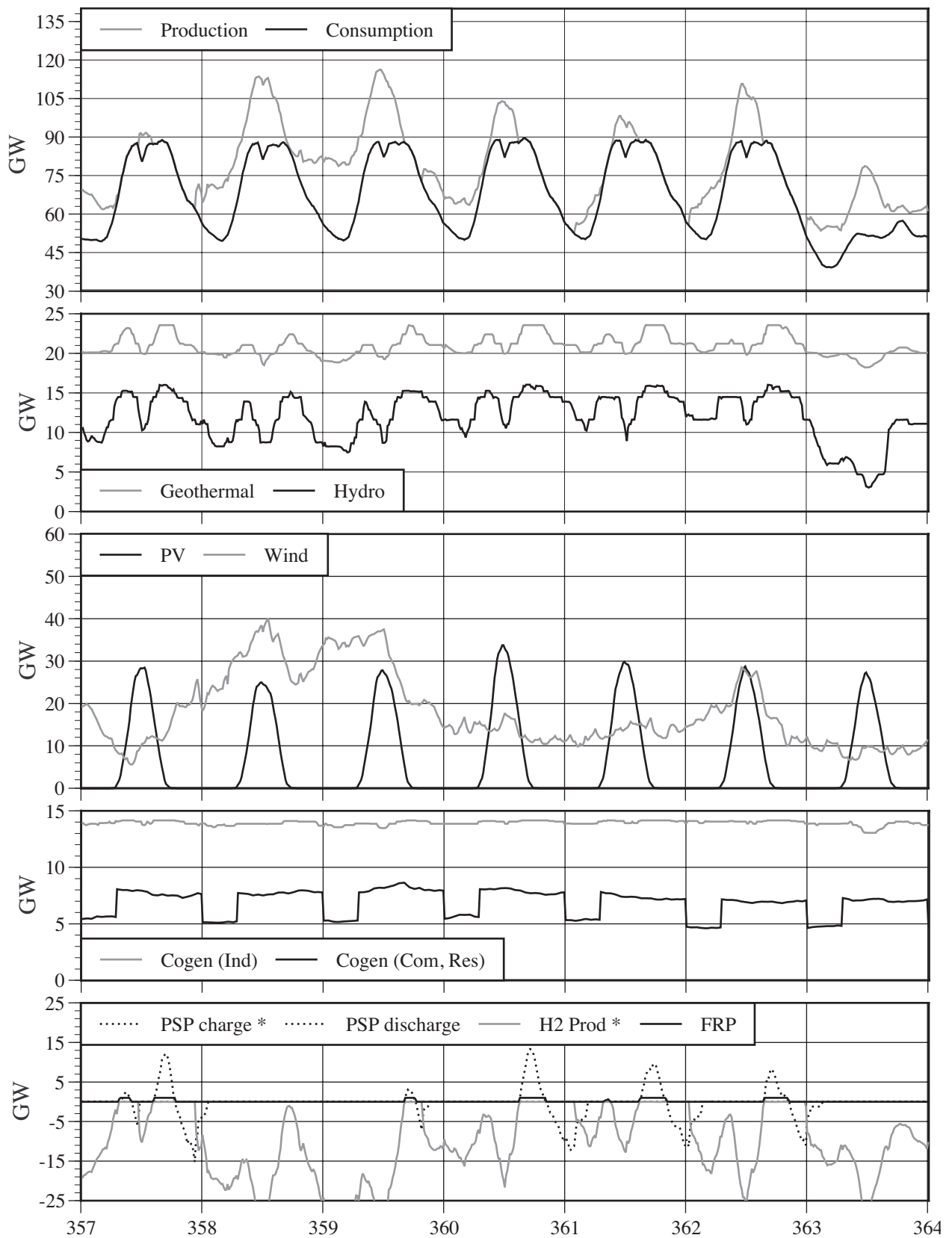


Figure 133 : The figure shows the energy supply by different technologies, the total demand and the storage of electrical surplus in hydrogen or pumped hydropower in Week 52. Source: ERJ.