

The background image is a scenic landscape featuring a calm body of water in the foreground, reflecting the sky and distant mountains. Two high-voltage electrical transmission towers stand in the water. In the background, a range of mountains with snow-capped peaks is visible under a clear blue sky. A large, stylized white circular graphic with concentric lines and spiral details is centered over the image.

SO Industry Briefing – 4 August 2026

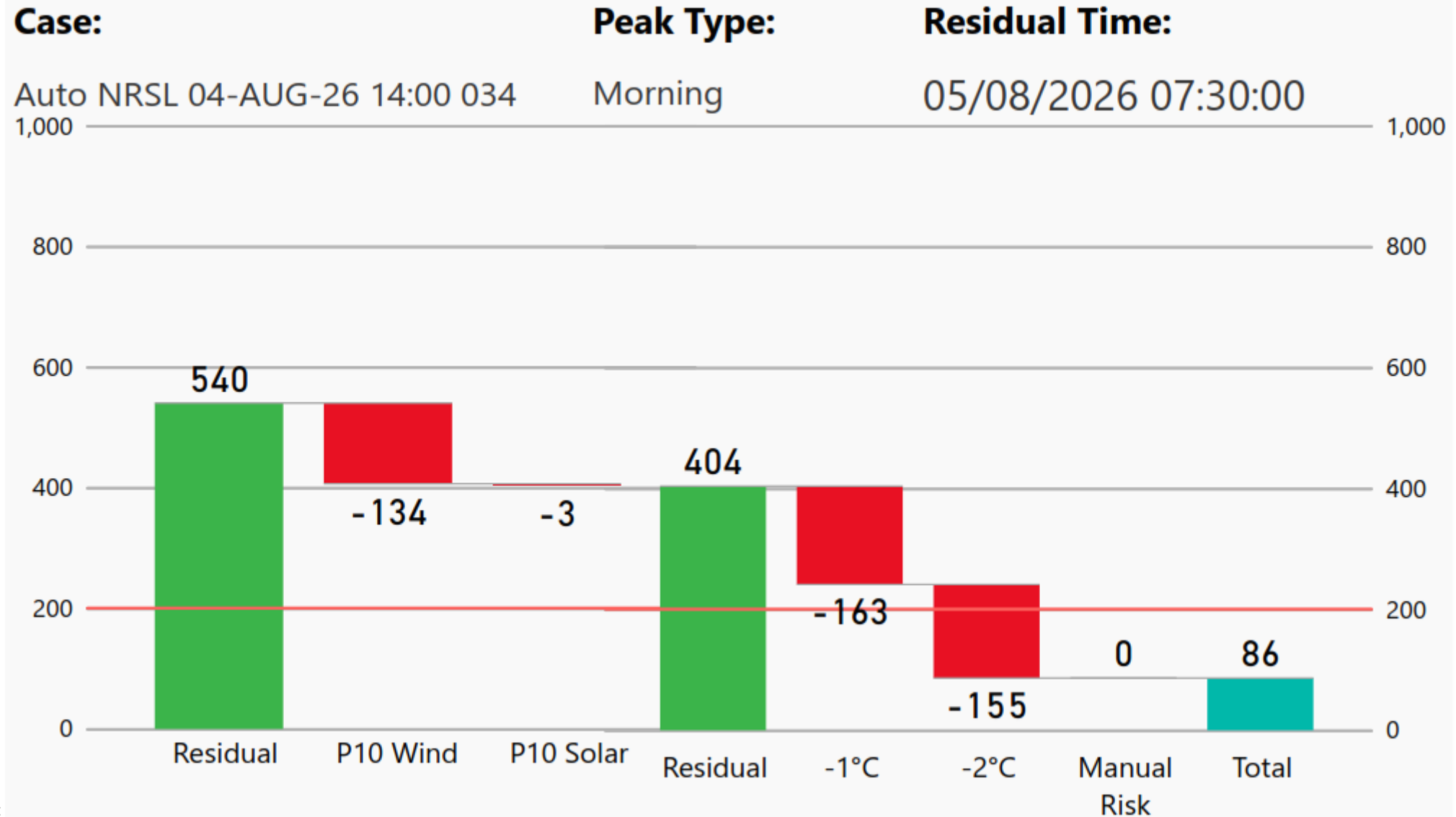
Potential Low Residual & Shortfall Situations for Wednesday 5 August to Friday 7 August

Status for Wednesday to Friday

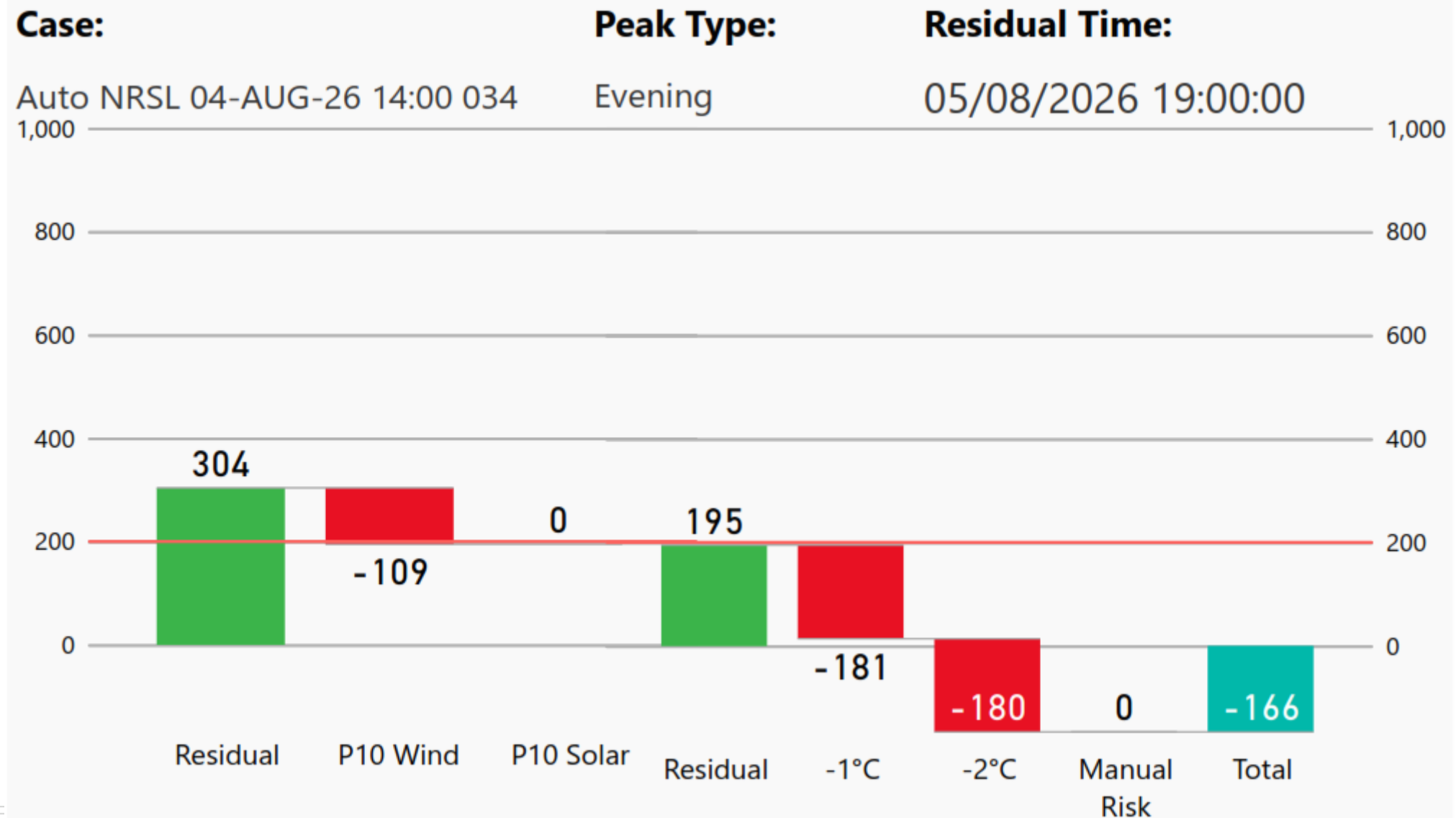
- Cold Snap Wed/Thur/Fri -> Record cold temperatures forecast
 - Auckland 1 degree
 - Hamilton -5 degrees
- Record demand forecast for Wednesday and Thursday mornings
- The Peaks
 - Wednesday AM & PM Peaks
 - Thursday AM Peak – Energy Shortfall
 - Thursday PM Peak – Low Residual
 - Friday AM & PM Peaks



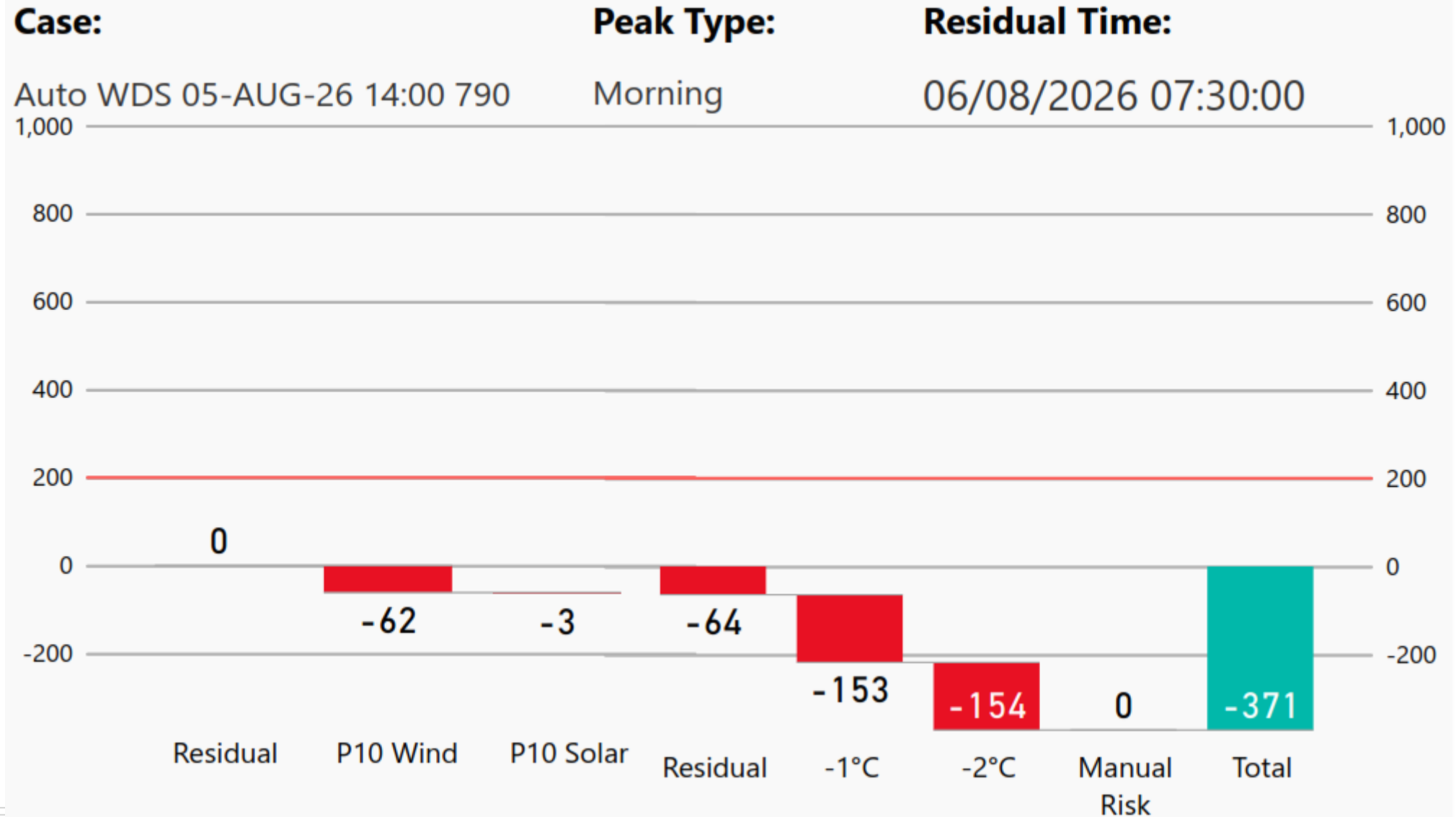
Residual Sensitivity – Wednesday 5 August (Morning Peak)



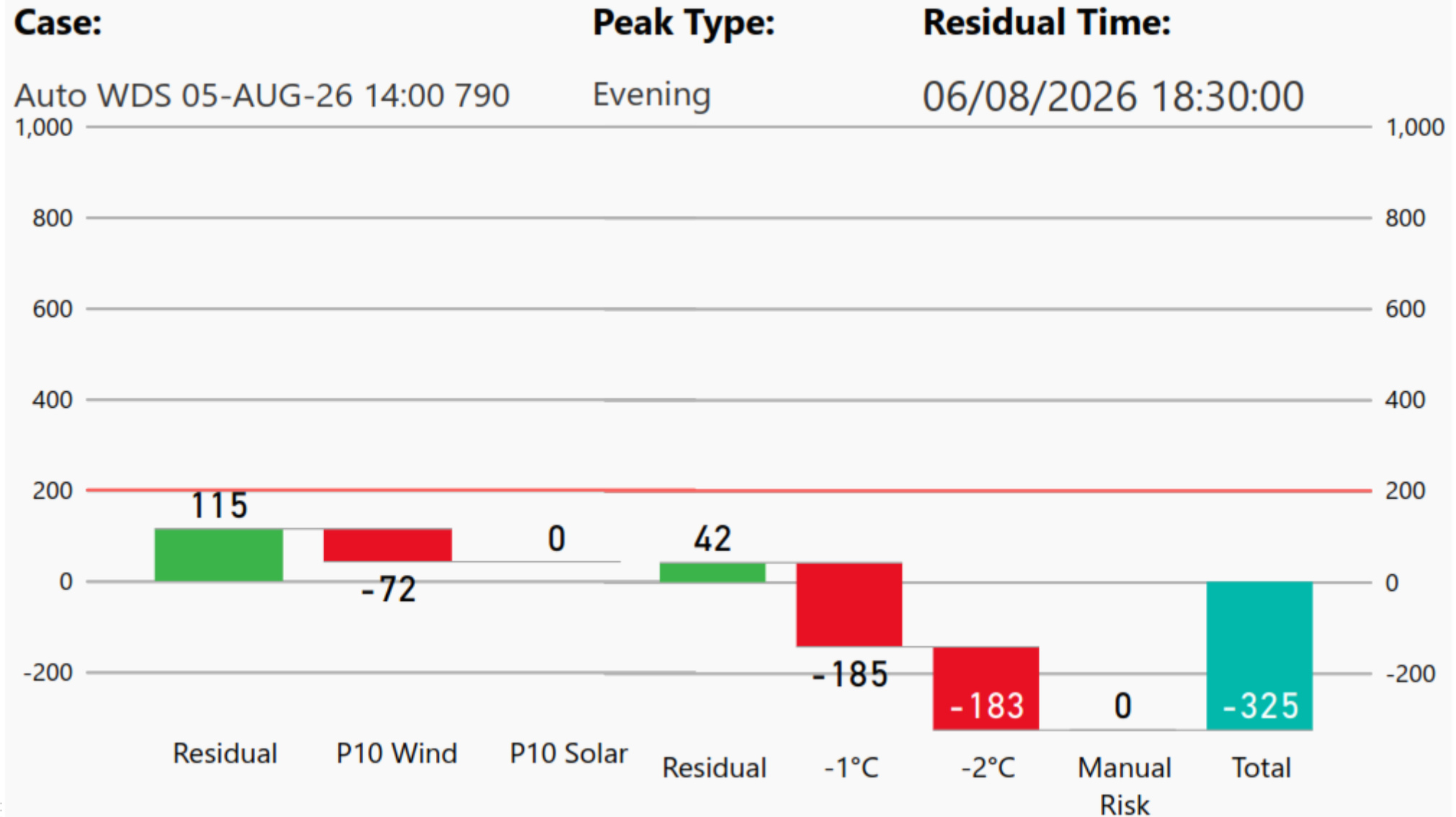
Residual Sensitivity – Wednesday 5 August (Evening Peak)



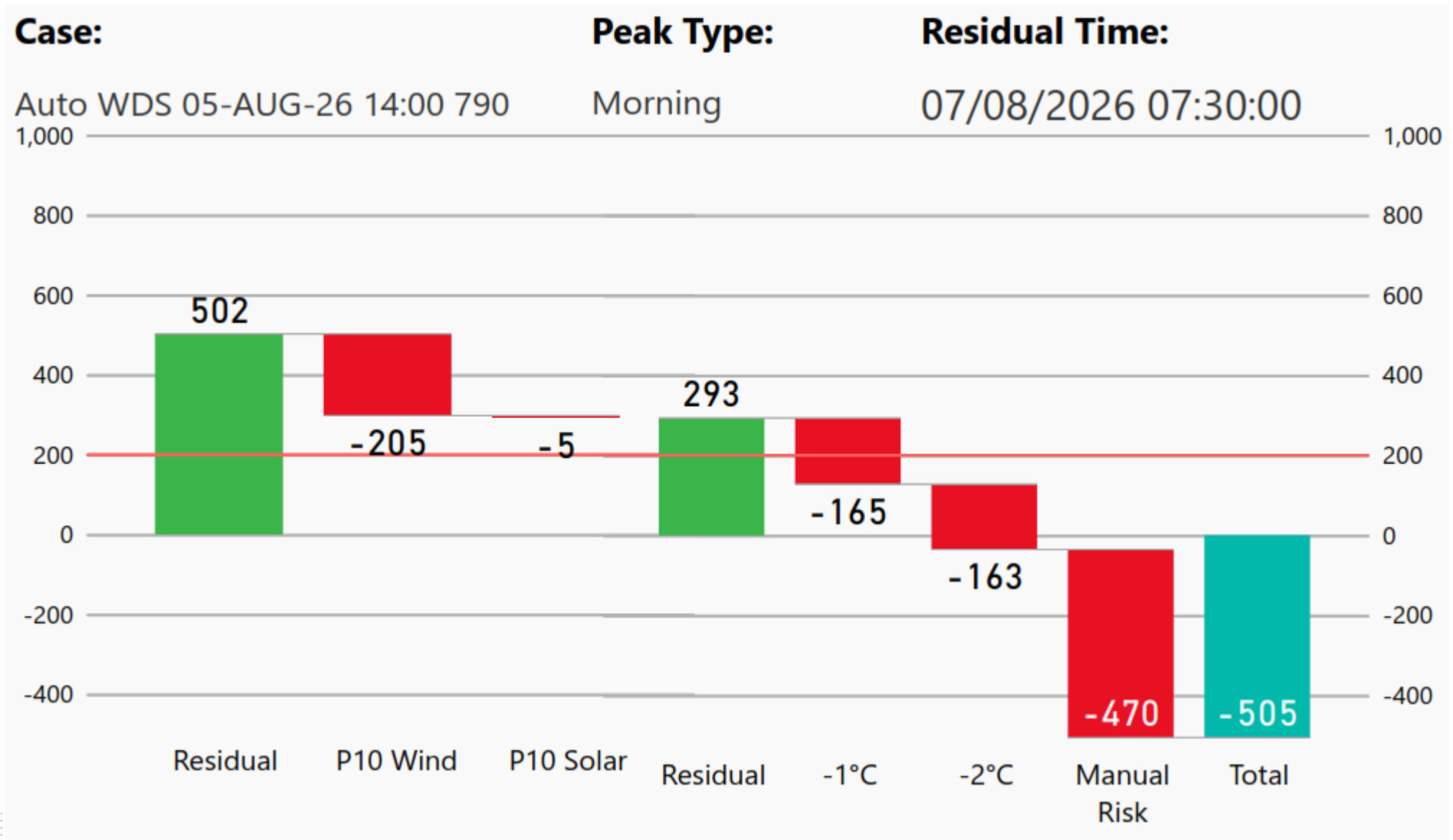
Residual Sensitivity – Thursday 6 August (Morning Peak)



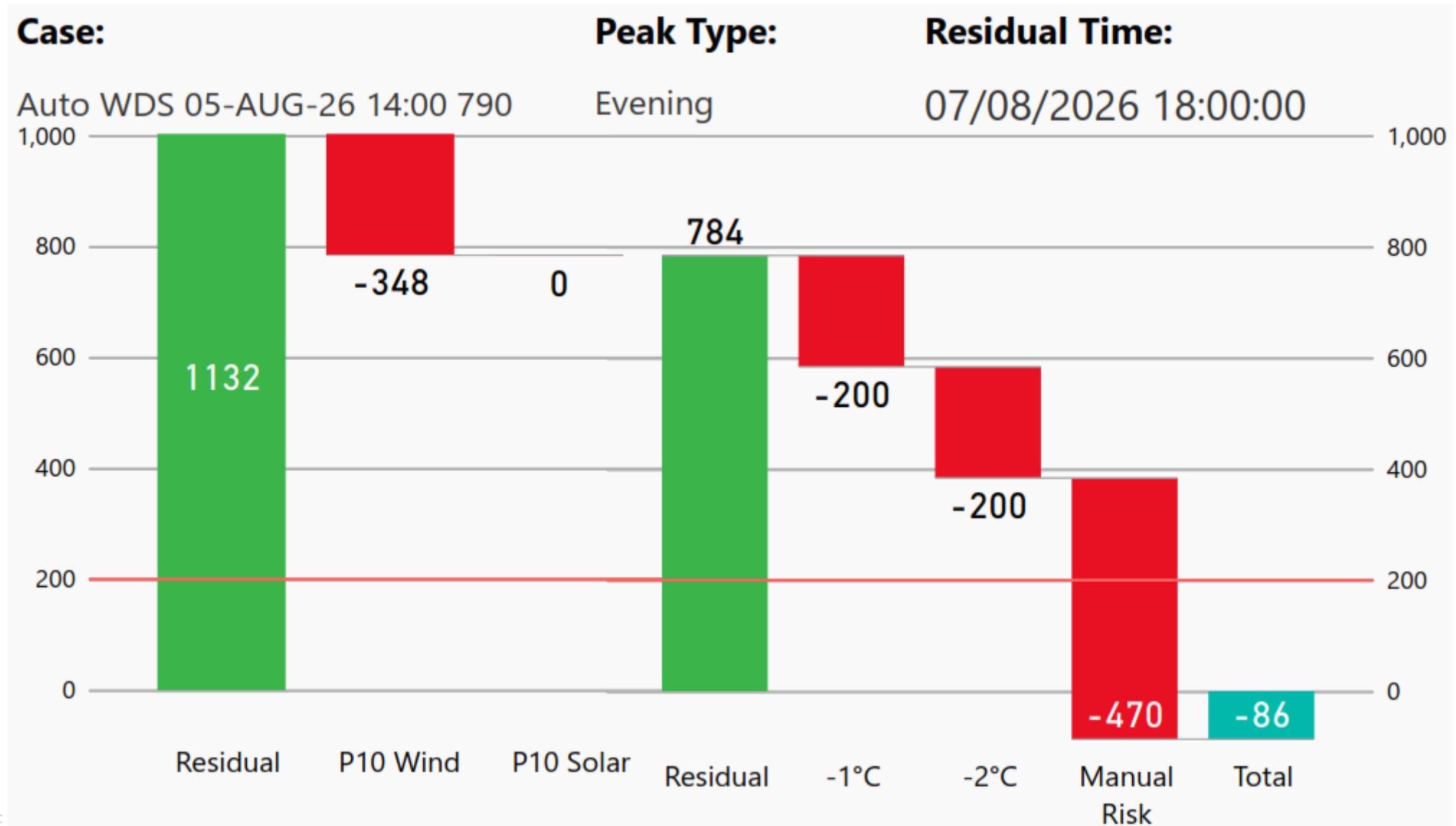
Residual Sensitivity – Thursday 6 August (Evening Peak)



Residual Sensitivity – Friday 7 August (Morning Peak)



Residual Sensitivity – Friday 7 August (Evening Peak)



What you can expect

- **Low Residual in NRS Schedules:**
 - Low Residual CAN (outside gate closure)
- **Energy or Reserve Shortfalls in NRS Schedules:**
 - **Warning Notice** (outside gate closure)
 - **Grid Emergency Notice** (inside gate closure)
- **Notices *may* request:**
 - Increase in generation, reserve, and transmission offers
 - Difference Bids
 - Controllable load management
- **Notices *may* instruct:**
 - Controllable load management
 - Further load management
- **Demand Allocation Schedules may be published:**
 - Demand Allocations are published on WITS
 - Familiarise yourselves with WITS login details



What we need from you

- Vigilance and responsiveness
- Early advice if you have any issues/concerns
- Accurate energy & reserve offers, and load bids
- Accurate FOGP for intermittent generation
- Batteries charged and available for discharge at peaks
- Increase energy and reserve offers where possible
- Difference Bids for controllable load if requested (for the identified times plus 1 hour either side)
 - Ensure difference bids are priced at \$20,000
 - Ensure difference bids are negative, not positive



How we are communicating

- Received calls from Stuff, NZ Herald and One News
- Reactive approach
 - Working with industry, good response
 - Expecting record demand
 - Do not anticipate any impact on consumers
- Prepared materials if needed – Transpower will take the lead
- Potential proactive statement on Friday once we are through the polar blast





Thank you

TRANSPower.CO.NZ

