```java
public class GridController {

  //#if PRECISION_HIGH
  double reading;
  //#elif PRECISION_LOW
  float reading;
  //#else
  int reading;
  //#endif

  public void computePower() {

    //#if SENSOR_ADVANCED
    reading = getAdvancedSensorValue();
    //#if APPLY_SCALING
    reading = scale(reading, 1.15);
    //#endif
    //#elif SENSOR_BASIC
    reading = getBasicSensorValue();
    //#endif

    //#if DEBUG
    System.out.println("[DEBUG] Raw reading: " + reading);
    //#endif

    //#if APPLY_LOGGING
    logToFile(reading); // logs the value, may be scaled or unscaled
    //#endif
  }

  private double getAdvancedSensorValue() { return 123.45; }
  private float getBasicSensorValue() { return 78.9f; }
  private double scale(double val, double factor) { return val * factor; }
  private void logToFile(double value) { /* log to disk */ }
}
```