**Combination OF PDS (1)**

| **Year ↘︎** | **Title  — click to open** | **What you’ll find** |
| --- | --- | --- |
| **2024-11** | **Detailed Design of the Imbalance Price System, 資料5 (System-Surveillance WG)** — <https://www.emsc.meti.go.jp/activity/emsc_systemsurveillance/pdf/003_05_00.pdf> | 55-page slide pack: exact formula, C/D ladder tables, and a data-flow map from TSO SCADA → OCCTO → central calculator. |
| **2024-10** | **Supply–Demand Operation Issues based on FY 2024 Reserve Margin (OCCTO #102, 資料1)** — <https://www.occto.or.jp/iinkai/chouseiryoku/2024/files/chousei_102_01.pdf> | Walk-through of how the wide-area reserve rate feeds the corrective-price term; includes hourly worked examples. |
| **2024-11** | **Reserve-margin tasks & price-escalation examples (OCCTO #103, 資料2)** — <https://www.occto.or.jp/iinkai/chouseiryoku/2024/files/chousei_103_02.pdf> | Continues #102 with additional 2024 case studies and timing diagrams. |
| **2024-11** | **C-value / D-value review note (slides 3-6 in the doc above)** — same link as first row | Sets a provisional ¥300/kWh ceiling and shows the monitoring logic for annual resets. |
| **2023-12** | **Monitoring Report Q3 FY 2023 (English)** — <https://www.emsc.meti.go.jp/english/committee/pdf/monitoringreport2023no3.pdf> | English schematic of the algorithm, plus 2023 imbalance-price statistics. |
| **2024-06** | **Monitoring Report Q1 FY 2024 (English)** — <https://www.emsc.meti.go.jp/english/committee/pdf/monitoringreport2024no1.pdf> | Updated English diagram and fresh 2024 data; confirms no formula changes since 2022. |
| **2023-05** | **Imbalance-price correction review (補正インバランス料金の見直し, 資料5)** — <https://www.emsc.meti.go.jp/activity/emsc_system/pdf/082_05_00.pdf> | Historical rationale for the corrective term and the decision path to merge it with the wide-area reserve index. ([emsc.meti.go.jp](https://www.emsc.meti.go.jp/activity/emsc_system/pdf/082_05_00.pdf?utm_source=chatgpt.com)) |
| **2023-11 rev.** | **2022-onwards Imbalance-Price System — Interim Summary (改定案)** — <https://www.emsc.meti.go.jp/activity/emsc_systemsurveillance/pdf/008_04_02.pdf> | Legal definitions of every variable and the step-by-step equation in text form. ([emsc.meti.go.jp](https://www.emsc.meti.go.jp/activity/emsc_systemsurveillance/pdf/008_04_02.pdf?utm_source=chatgpt.com)) |
| **2022-04** | **OCCTO Operational Rules 2022 (English)** — <https://www.occto.or.jp/en/about_occto/articles/files/Operational_Rules_2022.pdf> | Articles 56-60 list the exact telemetry & market feeds OCCTO must collect for price calculation. |
| **2024-09** | **Industry comments on raising the C/D ceiling (資料2)** — <https://www.emsc.meti.go.jp/activity/emsc_systemsurveillance/pdf/002_03_04.pdf> | Retailer & aggregator positions on how a higher ceiling affects risk management. ([emsc.meti.go.jp](https://www.emsc.meti.go.jp/activity/emsc_systemsurveillance/pdf/002_03_04.pdf?utm_source=chatgpt.com)) |
| **2024-07** | **Guideline-amendment proposal: Capacity-market linkage (資料6-0)** — <https://www.emsc.meti.go.jp/activity/emsc_system/pdf/086_10_00.pdf> | Shows how capacity-market clearing prices feed into the D-value from FY 2026 onwards. ([emsc.meti.go.jp](https://www.emsc.meti.go.jp/activity/emsc_system/pdf/086_10_00.pdf?utm_source=chatgpt.com)) |