

5. Materials and Equipment for Power Feeding

Item name/Product name (Specification etc.)	Branch	Qty	Unit	Quotation Date	Delivery Date	Delivery Condition
				Year/Mon.	Year/Mon.	
Modification of system software	Central power feed command station	1	Unit	2024/04	2025/03	Installed & adjusted
Modification of system software	Central power feed command station	1	Unit	2024/04	2025/05	Installed & adjusted
Power feeding record statistics system reconstruction	Ehime, Kochi, Kagawa, Tokushima Hydropower Stations & Substations Operating Office	1	Unit	2024/04	2025/03	Installed & adjusted
Initial response to non-firm	Tokushima, Kochi, Ehime, Kagawa Hydropower Stations & Substations Operating Office	1	Unit	2024/04	2025/03	Delivered & adjusted
Modification of software	Kochi Hydropower Stations & Substations Operating Office	1	Unit	2024/04	2024/10	Delivered & adjusted
Current differential relay for training	General Education & Training Center	2	Pair	2024/04	2027/01	Free on truck
Misho line current differential relay	Uwajima Substation	1	Pair	2024/04	2025/12	Free on truck
Modification of western system stability maintaining device (response to interconnection 2)	Kawauchi Substation	1	Unit	2024/05	2025/10	Delivered & adjusted
System renewal (software)	Kagawa Hydropower Stations & Substations Operating Office	1	Unit	2024/06	2028/08	Installed & adjusted
System renewal (hardware)	Kagawa Hydropower Stations & Substations Operating Office	1	Unit	2024/06	2028/08	Installed & adjusted
System renewal (software)	Tokushima Hydropower Stations & Substations Operating Office	1	Unit	2024/06	2029/03	Installed & adjusted
System renewal (hardware)	Tokushima Hydropower Stations & Substations Operating Office	1	Unit	2024/06	2029/03	Installed & adjusted
Modification of system software	Central power feed command station	1	Unit	2024/06	2025/03	Installed & adjusted
Modification of system software	Central power feed command station	1	Unit	2024/06	2025/03	Installed & adjusted
Replacement of storage battery for uninterruptible power supply	Tokushima Hydropower Stations & Substations Operating Office	1	Unit	2024/06	2024/12	Installed & adjusted
Modification of system software	Central power feed command station	1	Unit	2024/07	2025/03	Installed & adjusted
Modification of system software	Central power feed command station	1	Unit	2024/07	2025/03	Installed & adjusted
Linkage transformer overloading device	Naruto Substation	2	Pair	2024/07	2026/07	Delivered & adjusted
Kuwano line distance and circuit selection relaying device	Kuwano Substation	1	Pair	2024/07	2025/08	Free on truck
Tomioka branch line distance and circuit selection relaying device	Tomioka Substation	1	Pair	2024/07	2025/08	Free on truck
Kuwano line distance and circuit selection relaying device	Anan Thermal Power Substation	1	Pair	2024/07	2025/08	Free on truck
Mishima communication line current differential relay	Mishima Substation	2	Pair	2024/08	2026/10	Free on truck
Mishima communication line current differential relay	Asahimachi Substation	2	Pair	2024/08	2026/10	Free on truck
Nagahama line current differential relay	Ozu Substation	1	Pair	2024/08	2026/09	Free on truck
Load dispatching center system response to wide-area automatic load frequency control	Central power feed command station	1	Unit	2024/09	2026/04	Installed & adjusted
Modification of system software	Central power feed command station	1	Unit	2024/09	2025/03	Installed & adjusted
Response to third (2) market input (area b and c)	Central power feed command station	1	Unit	2024/09	2025/03	Installed & adjusted
Bus protection relay (187kV) (retrofit)	Awa Substation	2	Pair	2024/10	2026/04	Delivered & adjusted
Bus protection relay (187kV) (retrofit)	Naruto Substation	1	Pair	2024/10	2026/04	Delivered & adjusted
No.1, No.2, No.3, No.4 Bus protection relay (187kV) (retrofit)	Saijo Substation	4	Pair	2024/11	2026/06	Delivered & adjusted
Awa-Naruto line current differential relay	Awa Substation	2	Pair	2024/11	2026/01	Delivered & adjusted
Awa-Naruto line current differential relay	Naruto Substation	2	Pair	2024/11	2026/01	Delivered & adjusted
Linkage transformer overloading device	Kagawa Substation	2	Pair	2024/11	2026/11	Free on truck
Wind power line current differential relay (187kV)	Hiroimi Substation	1	Pair	2025/02	2026/02	Free on truck
Load dispatching center area system development	Central power feed command station	1	Unit	2025/03	2030/03	Installed & adjusted
Renewal of power supply board and distribution board	Central power feed command station	1	Unit	2025/03	2027/03	Installed & adjusted
Matsushima Higashihama line current differential relay	Matsushima Substation	1	Pair	2025/03	2027/01	Free on truck
Matsushima Higashihama line current differential relay	Higashihama Substation	1	Pair	2025/03	2027/01	Free on truck

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(Reference) For FY2025

Bus protection relay (187kV) (retrofit)	Hongawa Switching Station	1	Pair	2025/04	2026/11	Delivered & adjusted
Bus protection relay (187kV) (retrofit)	Kitamatsuyama Substation	1	Pair	2025/04	2026/12	Delivered & adjusted
Log collection of renewable energy control records	Tokushima, Kochi, Ehime, Kagawa Hydropower Stations & Substations Operating Office	1	Unit	2025/04	2026/03	Delivered & adjusted
Change in control method for automatic load adjustment device in water distribution system	Kochi Hydropower Stations & Substations Operating Office	1	Unit	2025/04	2026/03	Delivered & adjusted
Emergency system control device terminal	Saijo Substation	2	Pair	2025/06	2027/12	Delivered & adjusted
Emergency system control device terminal	Takamatsu Substation	2	Pair	2025/06	2027/12	Delivered & adjusted
Sakurai line current differential relay	Imabari Substation	2	Pair	2025/06	2027/11	Free on truck
Sakurai line current differential relay	Imabari Substation	2	Pair	2025/06	2027/11	Free on truck
Modification of system restriction/supply-demand restriction management system	Central power feed command station	1	Unit	2025/08	2026/03	Installed & adjusted
Modification of system software	Central power feed command station	1	Unit	2025/08	2026/04	Installed & adjusted
Imabari/Sakurai line current differential relay	Nyuugawa Substation	4	Pair	2025/08	2027/11	Free on truck
Sakurai line current differential relay	Tomida Substation	2	Pair	2025/08	2027/11	Free on truck
Edabori line current differential relay	Edabori Substation	1	Pair	2025/09	2028/02	Free on truck
Minamiawa main line current differential relay	Awa Substation	2	Pair	2025/10	2027/04	Delivered & adjusted
Minamiawa main line current differential relay	Anan AC/DC Converter Maintenance Office	2	Pair	2025/10	2027/04	Delivered & adjusted
Nippon Denko line distance relay device	Kokufu Substation	2	Pair	2025/10	2027/06	Free on truck
Bunsui No.3 line distance and circuit selection relaying device	Bunsui No.3 Substation	1	Pair	2025/10	2027/12	Free on truck
Bunsui No.1 line distance and circuit selection relaying device	Bunsui No.3 Substation	1	Pair	2025/10	2027/12	Free on truck
Awakokufu line current differential relay	Awa Substation	2	Pair	2026/01	2027/07	Delivered & adjusted
Awakokufu line current differential relay	Kokufu Substation	2	Pair	2026/01	2027/07	Delivered & adjusted
System addition to system restriction/supply-demand restriction management system, etc.	Central power feed command station	1	Unit	2026/03	2027/03	Installed & adjusted
Bannosu line current differential relay	Sakaide Substation	2	Pair	2026/03	2028/01	Free on truck
Bannosu line current differential relay	Sakaide Thermal Power Substation	2	Pair	2026/03	2028/01	Free on truck
Utazu branch line current differential relay	Utazu Substation	2	Pair	2026/03	2028/01	Free on truck