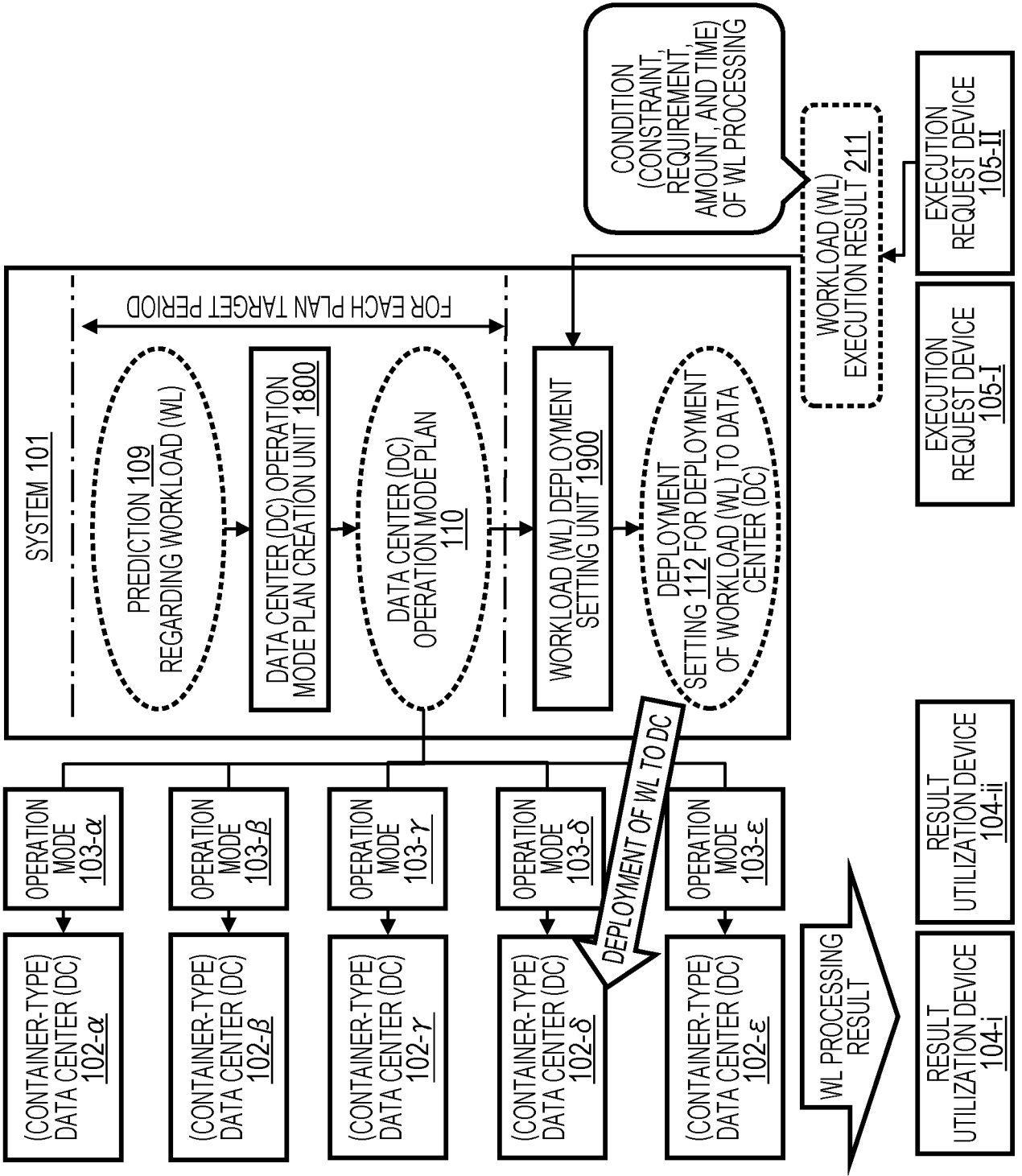


FIG. 1

100



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FIG. 2

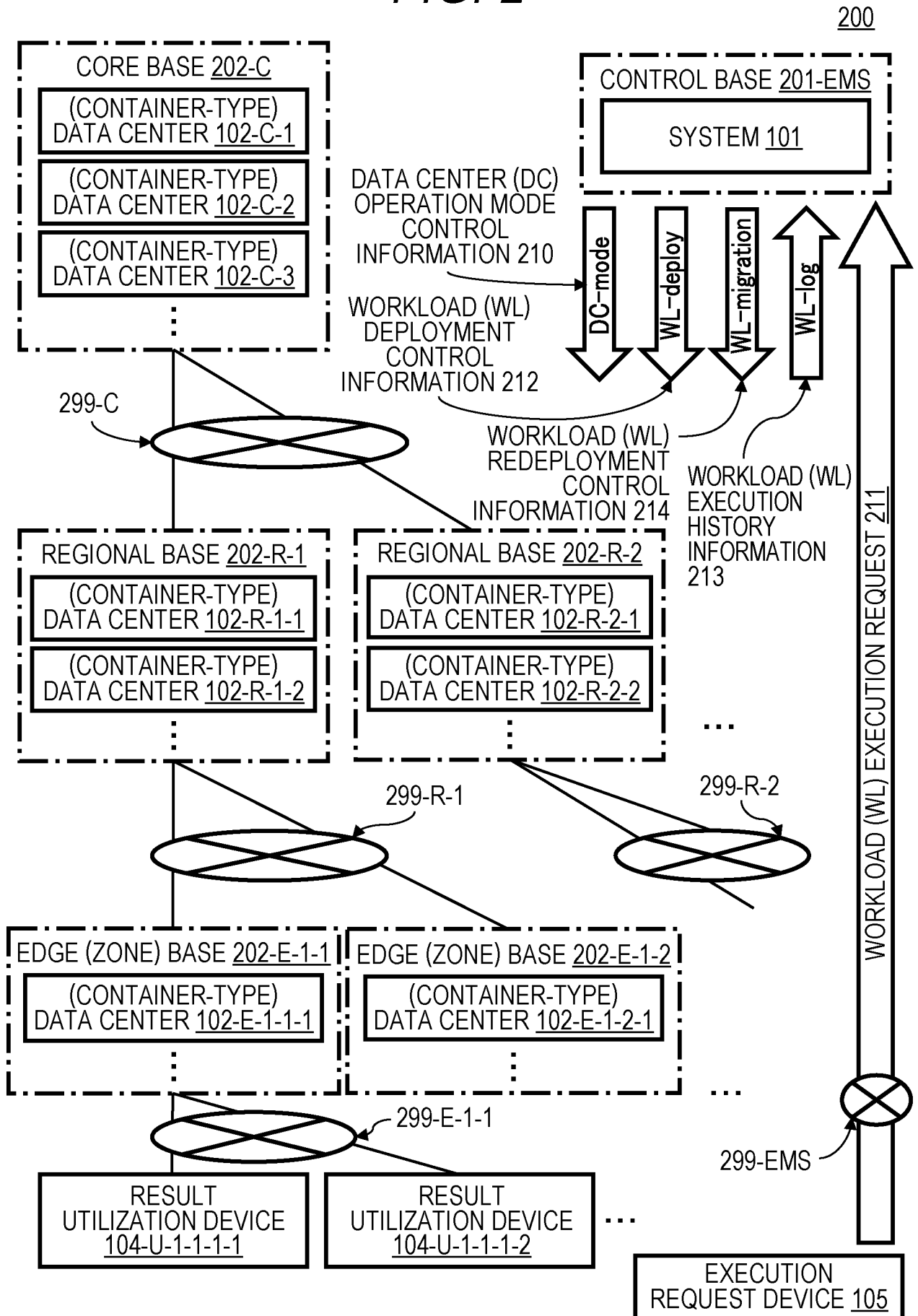


FIG. 3

300

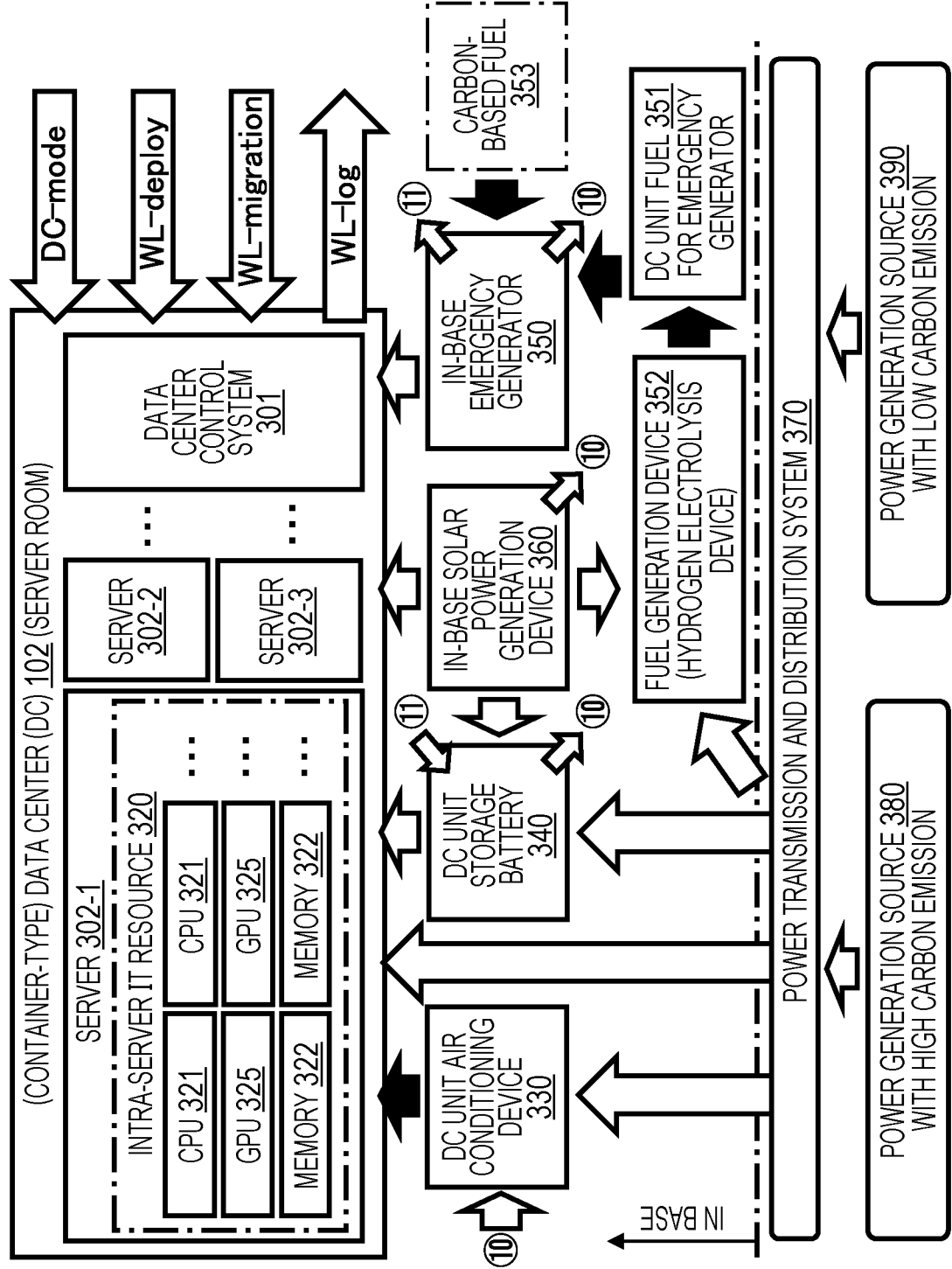


FIG. 4

400

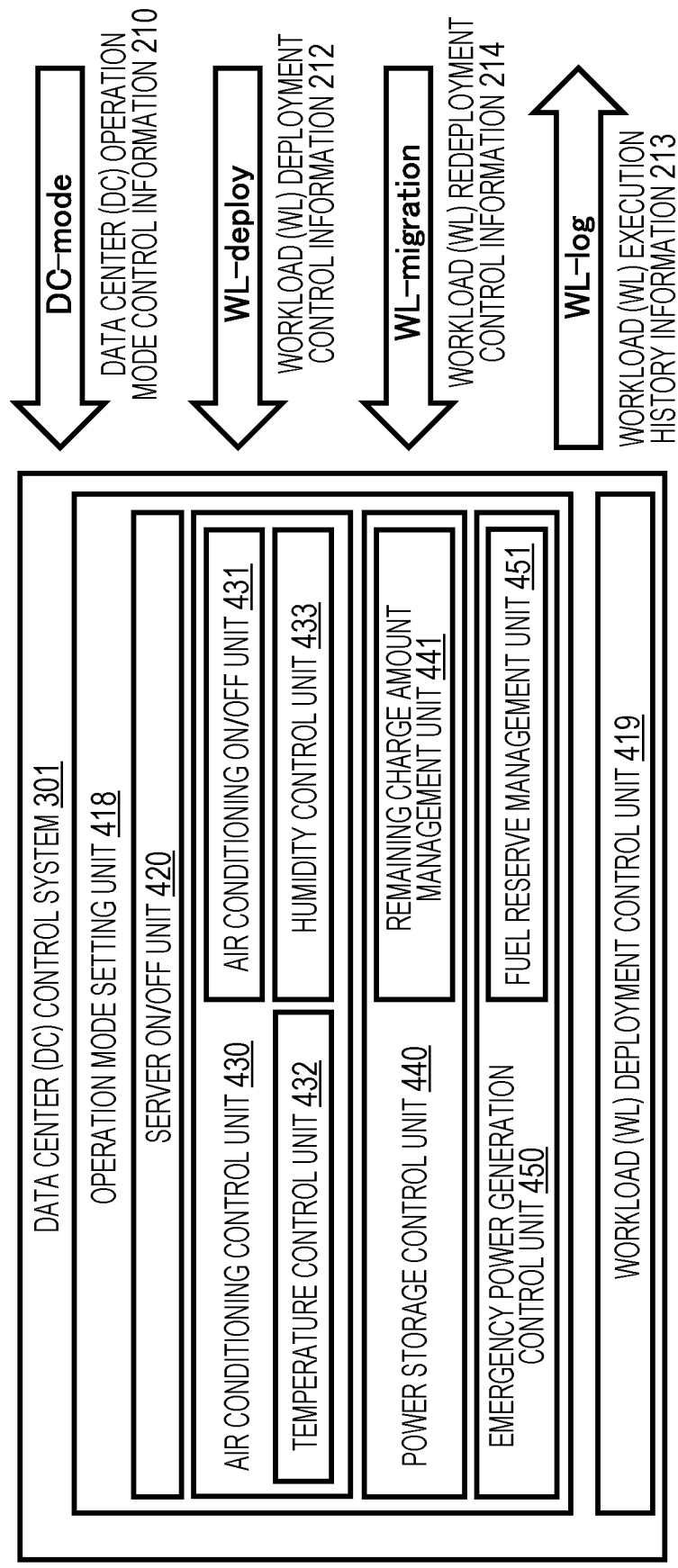


FIG. 5

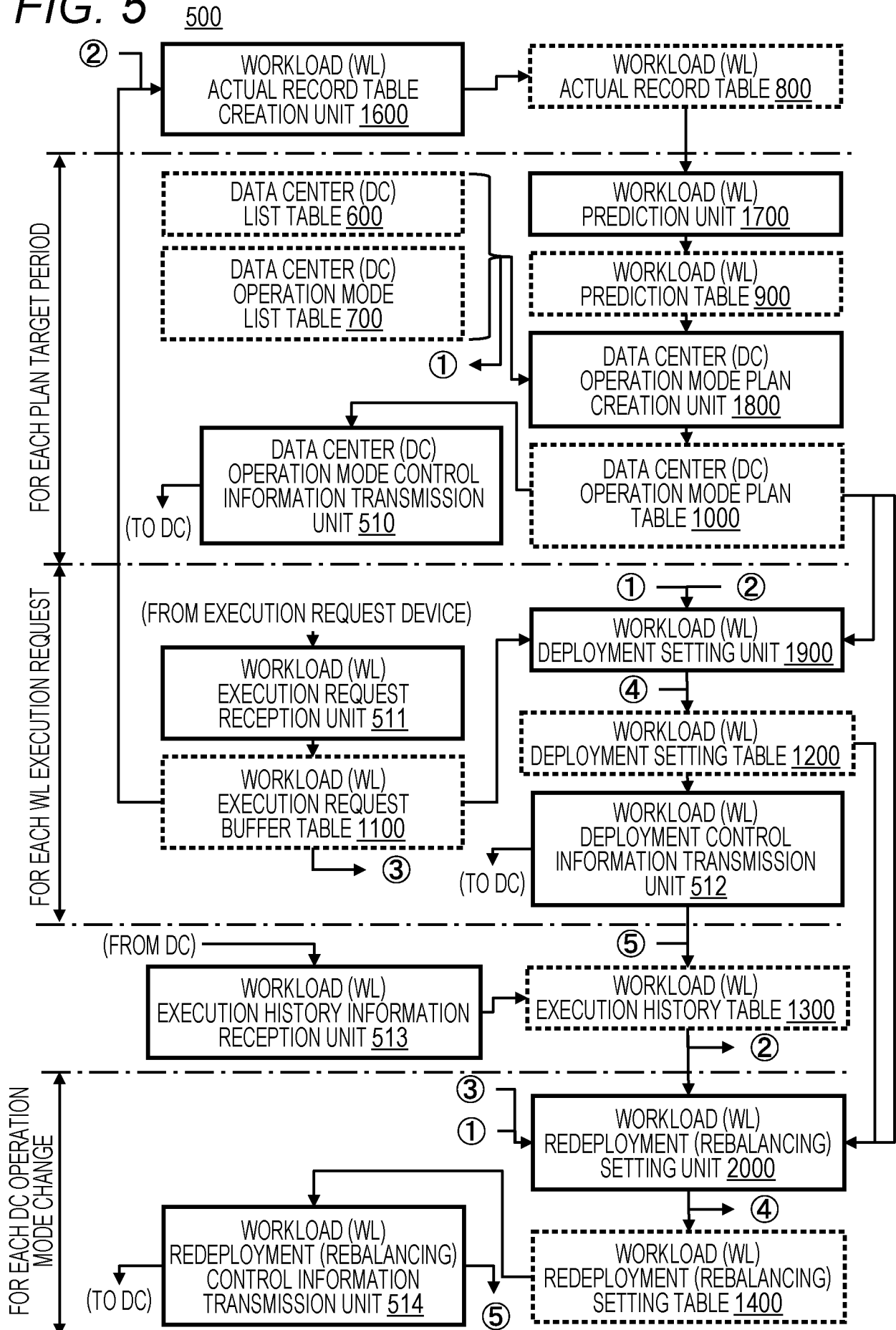


FIG. 6

600

BASE	DATA CENTER IDENTIFIER (DC-ID)	TOTAL AMOUNT OF HELD IT RESOURCES			MAXIMUM DEGREE OF POWER SUPPLY REDUNDANCY	MAXIMUM GREEN-DERIVED POWER AMOUNT	PRESENCE OR ABSENCE OF DC STORAGE BATTERY	...
		CPU [PIECE]	GPU [PIECE]	MEMORY [GB]				
CORE BASE C	C-1	15000	2000	15000	TRIPLE	...	PRESENT	...
	C-2	15000	2000	15000	TRIPLE	...	PRESENT	...
	C-3	15000	2000	15000	TRIPLE	...	PRESENT	...
	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
REGIONAL BASE R-1	R-1-1	10000	1000	10000	DUAL	...	ABSENT	...
	R-1-2	10000	1000	10000	DUAL	...	ABSENT	...
	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
REGIONAL BASE R-2	R-2-1	10000	1000	10000	DUAL	...	ABSENT	...
	R-2-2	10000	1000	10000	DUAL	...	ABSENT	...
	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
EDGE BASE E-1-1	E-1-1-1	5000	500	5000	SINGLE	...	ABSENT	...
	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
EDGE BASE E-1-2	E-1-2-1	5000	500	5000	SINGLE	...	ABSENT	...
	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮

FIG. 7

700

TARGET DATA CENTER (DC-ID)	OPERATION MODE	IT RESOURCE CONTROL [PROPORTION TO NUMBER OF SERVERS TO BE TURNED ON]	PROVIDABLE IT RESOURCE AMOUNT [PROPORTION TO TOTAL AMOUNT OF HELD IT RESOURCES]	FACILITY CONTROL					ACHIEVABLE LEVEL OF AVAILABILITY	INDEX		
				AIR CONDITIONING ON/OFF	AIR CONDITIONING TEMPERATURE RANGE [°C]	AIR CONDITIONING HUMIDITY RANGE [%]	REMAINING CHARGE AMOUNT OF STORAGE BATTERY [%]	RESERVE OF FUEL FOR EMERGENCY GENERATOR [%]		COST [MILLION YEN/MONTH]	GREEN	ADJUSTMENT COMPENSATION
COMMON TO C-1, C-2, AND C-3	0	0%	0%	OFF	—	—	50 OR MORE	50 OR MORE	1	0.001	0.9	PRIORITY LEVEL 3
	1	30%	30%	ON	18 TO 27	40 TO 60	60 OR MORE	60 OR MORE	2	0.05	0.7	PRIORITY LEVEL 2
	2	60%	60%	ON	18 TO 27	40 TO 60	60 OR MORE	60 OR MORE	2	0.1	0.5	PRIORITY LEVEL 1
	3	100%	100%	ON	21 TO 24	45 TO 55	90 OR MORE	90 OR MORE	3	0.5	0.3	PRIORITY LEVEL 1
COMMON TO R-1-1, R-1-2, R-2-1, AND R-2-2	0	0%	0%	OFF	—	—	WITHOUT STORAGE BATTERY	50 OR MORE	1	0.001	0.9	PRIORITY LEVEL 3
	1	30%	30%	ON	18 TO 27	40 TO 60	WITHOUT STORAGE BATTERY	60 OR MORE	2	0.03	0.5	PRIORITY LEVEL 2
	2	60%	60%	ON	18 TO 27	40 TO 60	WITHOUT STORAGE BATTERY	60 OR MORE	2	0.06	0.3	PRIORITY LEVEL 1
	3	100%	100%	ON	21 TO 24	45 TO 55	WITHOUT STORAGE BATTERY	90 OR MORE	2	0.2	0.1	PRIORITY LEVEL 1
COMMON TO E-1-1-1, E-1-2-1	0	0%	0%	OFF	—	—	WITHOUT STORAGE BATTERY	50 OR MORE	1	0.001	0.9	PRIORITY LEVEL 3
	1	50%	50%	ON	15 TO 30	35 TO 65	WITHOUT STORAGE BATTERY	50 OR MORE	1	0.03	0.2	PRIORITY LEVEL 2
	2	100%	100%	ON	15 TO 30	35 TO 65	WITHOUT STORAGE BATTERY	60 OR MORE	1	0.1	0.05	PRIORITY LEVEL 1

FIG. 8

$$\overline{800}$$

WL EXECUTION REQUEST RECEPTION DATE AND TIME	CONSTRAINT AND REQUIREMENT FOR WL EXECUTION		USED IT RESOURCE AMOUNT			ACTUAL DEPLOYMENT DESTINATION DATA CENTER (DC-ID)	ACTUAL REQUIRED TIME [SECOND]
	DEPLOYABLE DATA CENTER (DC-ID)	AVAILABILITY LEVEL	CPU [PIECE]	GPU [PIECE]	MEMORY [GB]		
2024/04/21 00:01:34	C-1,C-2,C-3, R-1-1,R-1-2, E-1-1-1	1 (LOW) OR HIGHER	3	1	2	E-1-1-1	60
2024/04/21 00:01:36	C-1,C-2,C-3, R-1-1,R-1-2	2 (MODERATE) OR HIGHER	5	3	10	R-1-2	120
2024/04/21 00:01:37	C-1,C-2,C-3	3 (HIGH) OR HIGHER	10	5	20	C-3	180
:::	:::	:::	:::	:::	:::	:::	:::

FIG. 9

900

TIME PERIOD	CONSTRAINT AND REQUIREMENT FOR WL EXECUTION		USED IT RESOURCE AMOUNT			REQUIRED TIME [SECOND]
	DEPLOYABLE DATA CENTER (DC-ID)	AVAILABILITY LEVEL	CPU [PIECE]	GPU [PIECE]	MEMORY [GB]	
2024/04/23 00:00-01:00	C-1,C-2,C-3, R-1-1,R-1-2, E-1-1-1	1 (LOW) OR HIGHER	10000	1000	7500	3600
2024/04/23 00:00-01:00	C-1,C-2,C-3, R-1-1,R-1-2	2 (MODERATE) OR HIGHER	20000	2000	15000	3600
2024/04/21 00:00-01:00	C-1,C-2,C-3	3 (HIGH) OR HIGHER	10000	1500	10000	3600
⋮ ⋮	⋮ ⋮	⋮ ⋮	⋮ ⋮	⋮ ⋮	⋮ ⋮	⋮ ⋮
2024/04/23 01:00-02:00	C-1,C-2,C-3, R-1-1,R-1-2, E-1-1-1	1 (LOW) OR HIGHER	5000	500	4000	3600
2024/04/23 01:00-02:00	C-1,C-2,C-3, R-1-1,R-1-2	2 (MODERATE) OR HIGHER	10000	1000	75000	3600
2024/04/21 01:00-02:00	C-1,C-2,C-3	3 (HIGH) OR HIGHER	5000	750	5000	3600
⋮ ⋮	⋮ ⋮	⋮ ⋮	⋮ ⋮	⋮ ⋮	⋮ ⋮	⋮ ⋮

FIG. 10

1000

BASE	DATA CENTER IDENTIFIER (DC-ID)	TIME PERIOD	OPERATION MODE
CORE BASE C	C-1	2024/04/23 00:00-01:00	2
		2024/04/23 01:00-02:00	0
		:	:
	C-2	2024/04/23 23:00-24:00	1
		2024/04/23 00:00-01:00	3
		2024/04/23 01:00-02:00	3
REGIONAL BASE R-1	:	:	:
		:	:
		:	:
	R-1-1	2024/04/23 00:00-01:00	2
		2024/04/23 01:00-02:00	2
		:	:
EDGE BASE E-1-1	:	:	:
		:	:
		:	:
	E-1-1-1	2024/04/23 00:00-01:00	1
		2024/04/23 01:00-02:00	1
		:	:
:	:	:	:
		:	:
		:	:

FIG. 12

1200

WL IDENTIFICATION NUMBER (WL-ID)	ACTUAL DEPLOYMENT DESTINATION DATA CENTER (DC-ID)	WL EXECUTION START TIME OR SCHEDULED WL EXECUTION START TIME	USED IT RESOURCE AMOUNT		
			CPU [PIECE]	GPU [PIECE]	MEMORY [GB]
20240423-1	E-1-1-1	IMMEDIATE	2	1	3
20240423-2	R-1-1	2024/04/23 01:01:10	6	4	10
20240423-3	C-2	IMMEDIATE	15	10	30
⋮ ⋮	⋮ ⋮	⋮ ⋮	⋮ ⋮	⋮ ⋮	⋮ ⋮

FIG. 13

1300

WL IDENTIFICATION NUMBER (WL-ID)	ACTUAL DEPLOYMENT DESTINATION DATA CENTER (DC-ID)	ACTUAL WL EXECUTION TIME SECTION		USED IT RESOURCE AMOUNT			WL EXECUTION STATE
		START TIME OR SCHEDULED START TIME	END TIME	CPU [PIECE]	GPU [PIECE]	MEMORY [GB]	
2024 0423-1	E-1-1-1	2024/04/23 00:01:01	2024/04/23 00:02:01	2	1	3	COMPLETED
2024 0423-2	R-1-1	2024/04/23 01:01:10	-	6	4	10	STANDBY FOR EXECUTION
2024 0423-3	C-2	2024/04/23 00:02:37	-	15	10	30	UNDER EXECUTION
⋮ ⋮	⋮ ⋮	⋮ ⋮	⋮ ⋮	⋮ ⋮	⋮ ⋮	⋮ ⋮	⋮ ⋮
							
2024 0423-87	C-1 (→C-2)	2024/04/23 00:55:30	-	20	10	50	UNDER EXECUTION
⋮ ⋮	⋮ ⋮	⋮ ⋮	⋮ ⋮	⋮ ⋮	⋮ ⋮	⋮ ⋮	⋮ ⋮

FIG. 14

1400

WL IDENTIFICATION NUMBER (WL-ID)	DATA CENTER UNDER DEPLOYMENT (DC-ID)	REDEPLOYMENT DESTINATION DATA CENTER (DC-ID)	SCHEDULED REDEPLOYMENT TIME	USED IT RESOURCE AMOUNT		
				CPU [PIECE]	GPU [PIECE]	MEMORY [GB]
20240423- 87	C-1	C-2	2024/04/23 01:00:00	20	10	50
⋮	⋮	⋮	⋮	⋮	⋮	⋮

FIG. 15

1500

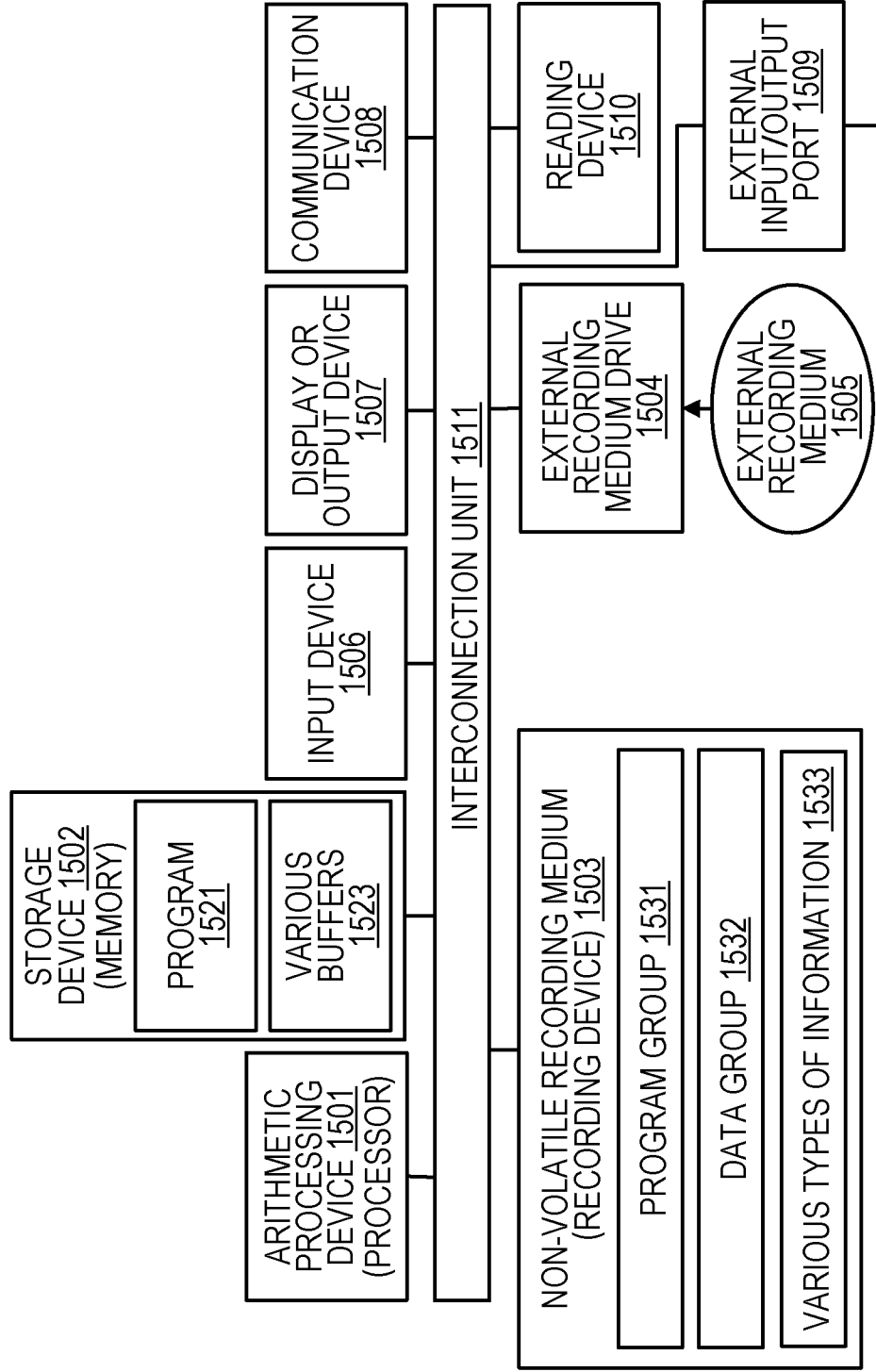


FIG. 16

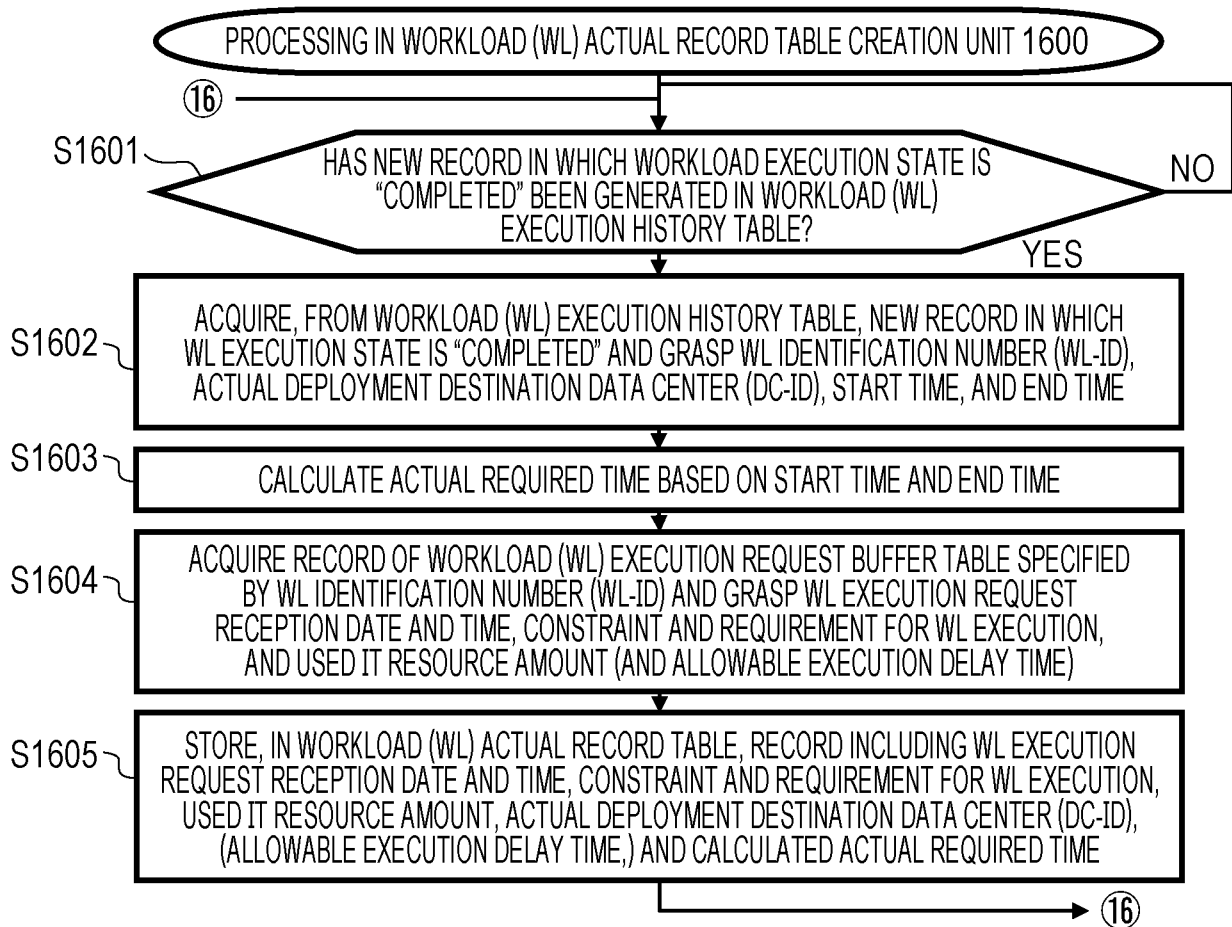
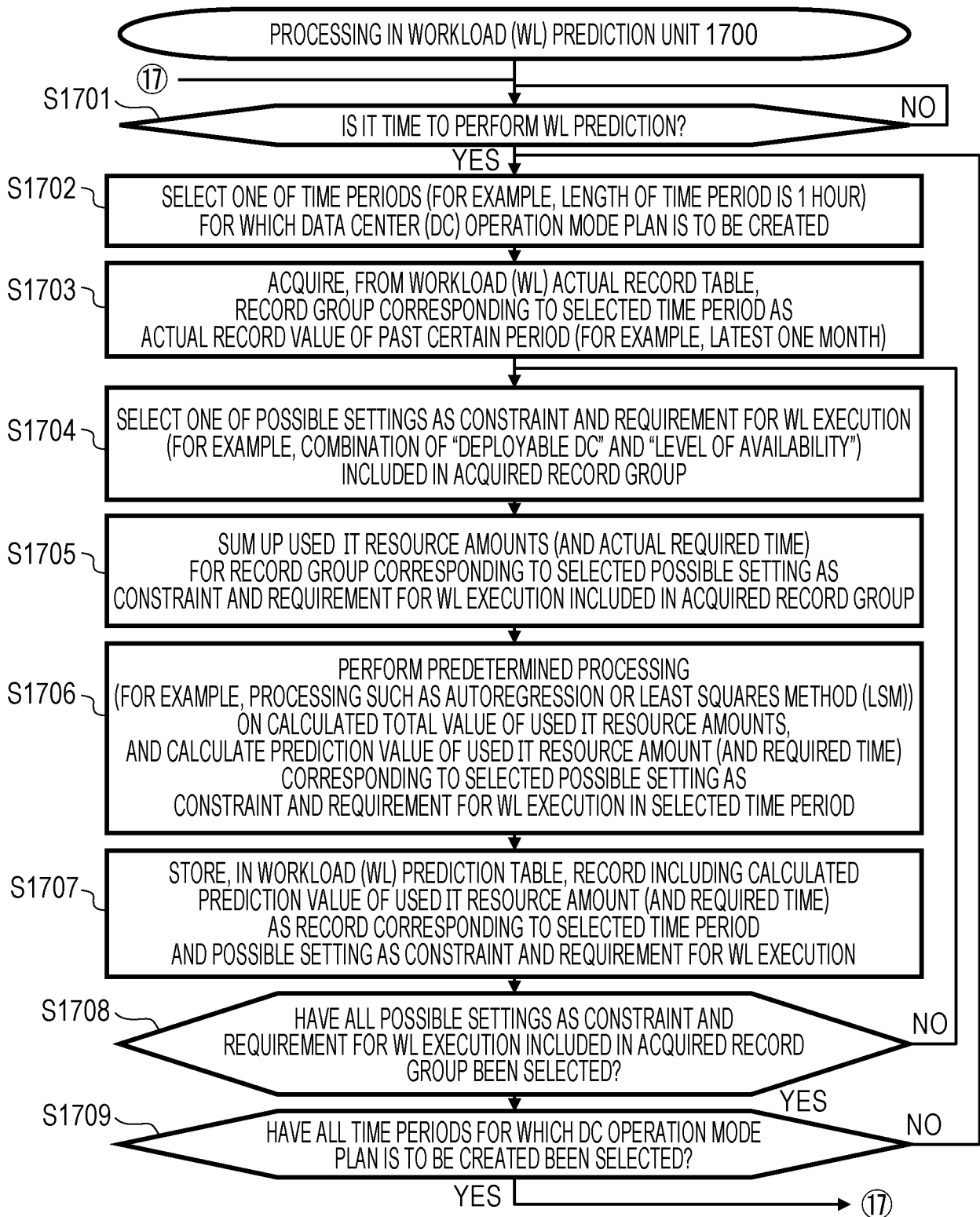


FIG. 17



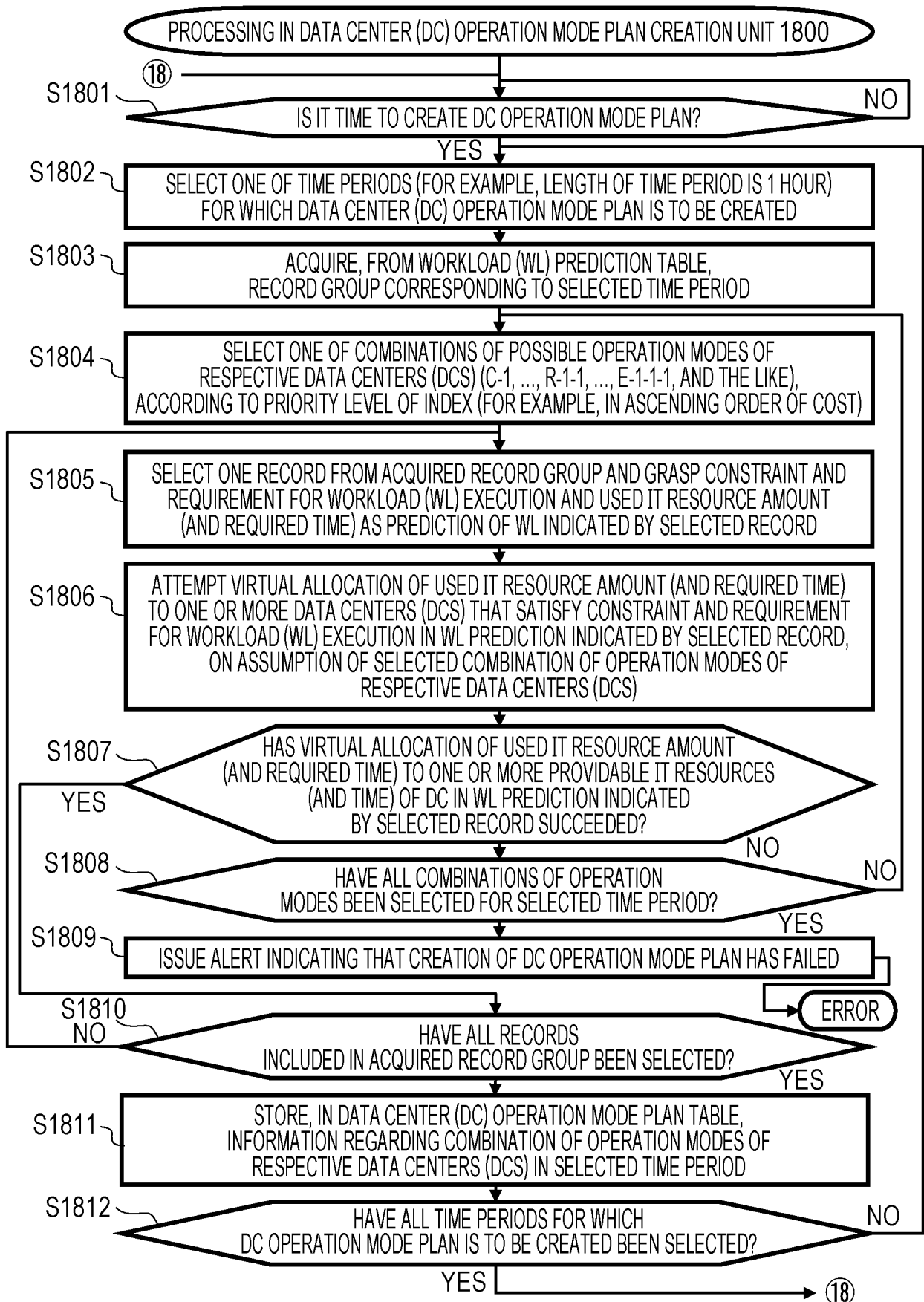
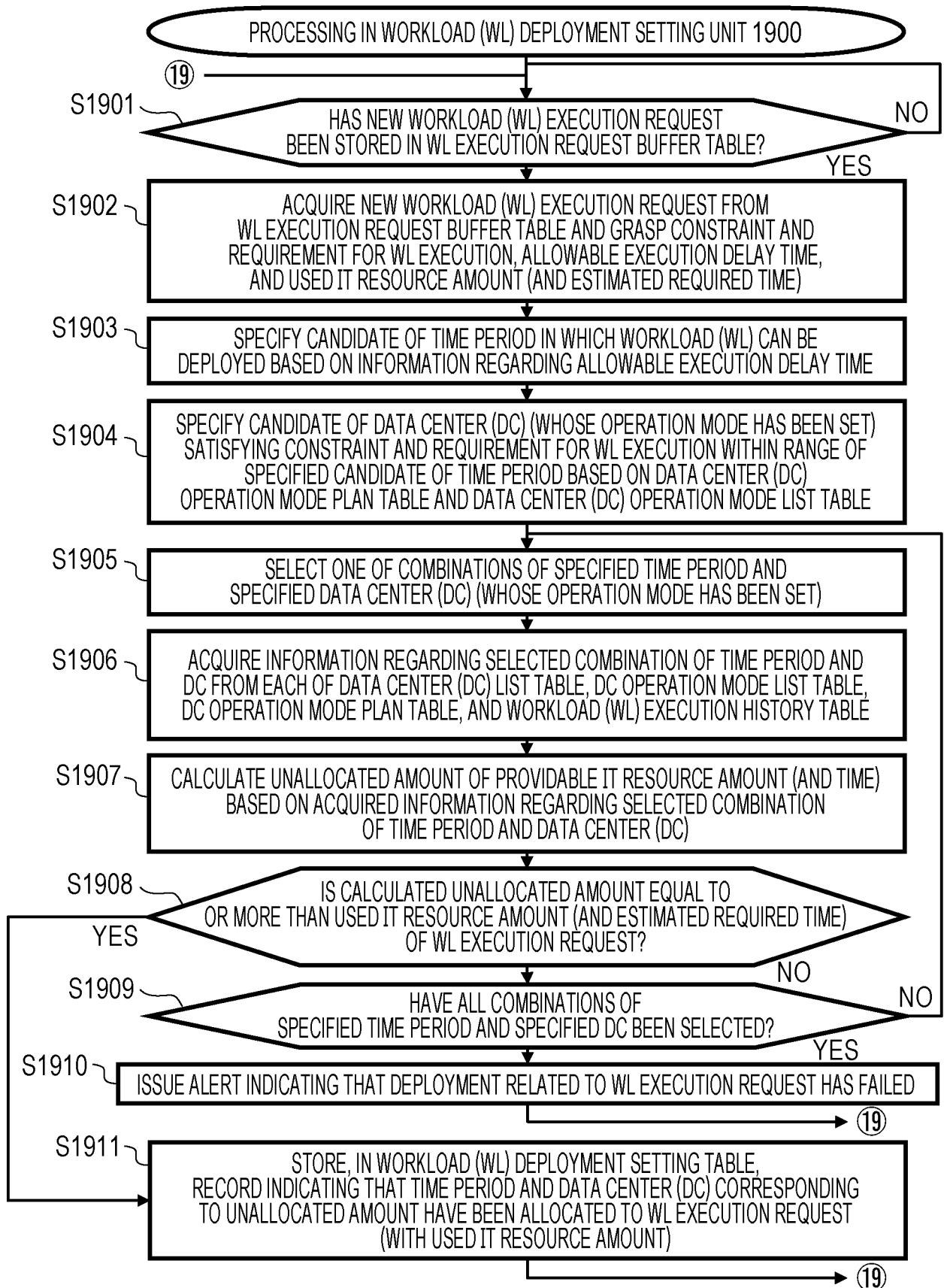


FIG. 19



20/21
FIG. 20

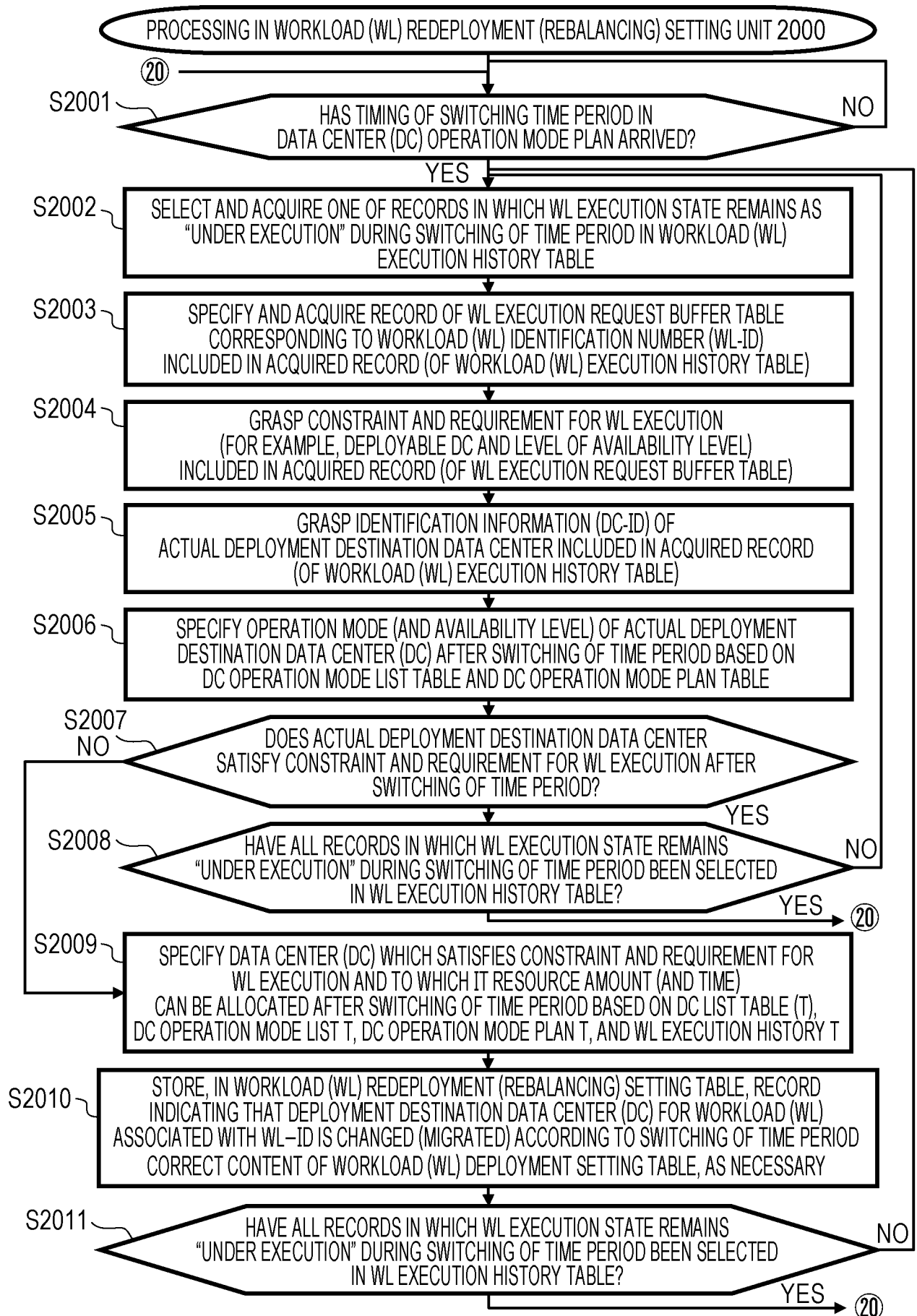


FIG. 21

2100

BASE	DATA CENTER IDENTIFIER (DC-ID)	TOTAL AMOUNT OF HELD IT RESOURCES			MAXIMUM DEGREE OF POWER SUPPLY REDUNDANCY	MAXIMUM GREEN-DERIVED POWER AMOUNT	PRESENCE OR ABSENCE OF DC STORAGE BATTERY	...
		CPU [PIECE]	GPU [PIECE]	MEMORY [GB]				
CORE BASE C	C-1	15000(4Gc)	2000(4Gg)	15000	TRIPLE	...	PRESENT	...
	C-2	15000(4Gc)	2000(3Gg)	15000	TRIPLE	...	PRESENT	...
	C-3	15000(3Gc)	2000(3Gg)	15000	TRIPLE	...	PRESENT	...
	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
REGIONAL BASE R-1	R-1-1	10000(3Gc)	1000(3Gg)	10000	DUAL	...	ABSENT	...
	R-1-2	10000(3Gc)	1000(2Gg)	10000	DUAL	...	ABSENT	...
	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
REGIONAL BASE R-2	R-2-1	10000(3Gc)	1000(3Gg)	10000	DUAL	...	ABSENT	...
	R-2-2	10000(2Gc)	1000(2Gg)	10000	DUAL	...	ABSENT	...
	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
EDGE BASE E-1-1	E-1-1-1	5000(2Gc)	500(2Gg)	5000	SINGLE	...	ABSENT	...
	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
EDGE BASE E-1-2	E-1-2-1	5000(1Gc)	500(1Gg)	5000	SINGLE	...	ABSENT	...
	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮

*Gc: GENERATION OF CPU

*Gg: GENERATION OF GPU