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reserve shutdown hours

reserve shutdown hours (electric generating unit reliability, availability, and productivity) The number of hours a unit was in the reserve shutdown state. (PE/PSE) 762-1987w

reserve shutdown maintenance derated hours (electric generating unit reliability, availability, and productivity) The reserve shutdown hours during which a Class 4 unplanned derating was in effect. (PE/PSE) 762-1987w

reserve shutdown planned derated hours (electric generating unit reliability, availability, and productivity) The reserve shutdown hours during which a basic or extended planned derating was in effect. (PE/PSE) 762-1987w

reserve shutdown unit derated hours (electric generating unit reliability, availability, and productivity) The reserve shutdown hours during which a unit derating was in effect. (PE/PSE) 762-1987w

reserve shutdown unplanned derated hours (electric generating unit reliability, availability, and productivity) The reserve shutdown hours during which an unplanned derating was in effect. (PE/PSE) 762-1987w

reservoir operating curve (power operations) A curve, or family of curves (reservoir capability versus time), indicating how a reserve is to be operated under specified conditions to obtain best or predetermined results. (PE/PSE) 858-1987s

reservoir operating rule curve (electric power supply) A curve, or family of curves (reservoir capability versus time), indicating how a reservoir is to be operated under specified conditions to obtain best or predetermined results. (PE/PSE) 346-1973w

reservoir storage (power operations) (electric power system) The volume of water in a reservoir at a given time. (PE/PSE) 858-1987s, 346-1973w

reset (1) (A) (electronic digital computation) To restore a storage device to a prescribed state, not necessarily that denoting zero. (B) (electronic digital computation) To place a binary cell in the initial or zero state. *See also:* set. (C/MIL/ICTL) 162-1963, [20], 270-1966, [60], [85], [2], 610.10-1994

(2) (analog computer) The computer control state in which integrators are held constant and the proper initial condition voltages or charges are applied or reapplied. *See also:* initial condition. (C) 165-1977w

(3) (software) To set a variable, register, or other storage location back to a prescribed state. *See also:* initialize; clear. (C) 610.12-1990, 610.10-1994w

(4) An action that occurs when certain error conditions occur, or when error conditions exceed a preset value. Reset causes the Data Link layer to go to the offline state. Reconnection can then be requested by the DCC. (EMB/MIB) 1073.3.1-1994

(5) When describing the operating status of an S-module, the state of the S-module's Status registers produced by execution of the Reset Slave Status command. (TT/C) 1149.5-1995

(6) The state of an inverse-time overcurrent relay when the integral of the function of current $F(I)$ that produces a time-current characteristic is zero. (PE/PSR) C37.112-1996

(7) (of a relay) The action of a relay as it makes designated response to decreases in input. As a qualifying term, reset denotes the state of a relay when all response to decrease of input has been completed. Reset is also used to identify the maximum value of an input quantity reached by progressive decreases that will permit the relay to reach the state of complete reset from pickup. *Note:* In defining the designated performance of relays having multiple inputs, reset describes the state when all inputs are zero and also when some input circuits are energized, if the resulting state is not altered from the zero-input condition. (SWG/PE/PSR) C37.100-1992, C37.90-1978s

reset action (process control) A component of control action in which the final control element is moved at a speed proportional to the extent of proportional-position control action. *Note:* This term applies only to a multiple control action including proportional-position control action. *See also:* proportional plus integral control action; positioning control system. (PE/EDPG) [3]

reset, automatic *See:* automatic reset.

reset characteristic The time versus current curve that defines the time required for the integral of the function of current $F(I)$ to reach zero for values below current pickup when the integral is initially at the trip value. (PE/PSR) C37.112-1996

reset control action (electric power system) Action in which the controller output is proportional to the input signal and the time integral of the input signal. The number of times per minute that the integral control action repeats the proportional control action is called the reset rate. *Note:* Applies only to a controller with proportional control action plus integral control action. *See also:* speed-governing system. (PE/PSE) 94-1970w

reset current or voltage (faulted circuit indicators) The nominal rms (root-mean-square) value of current or voltage that will cause the indicator of the automatic current or voltage reset FCI (faulted circuit indicator) to change from FAULT to NORMAL indication. (T&D/PE) 495-1986w

reset device A device whereby the brakes may be released after an automatic train-control brake application. (EEC/PE) [119]

reset dwell time The time spent in reset. In cycling the computer from reset, to operate, to hold, and back to reset, this time must be long enough to permit the computer to recover from any overload and to charge or discharge all integrating capacitors to appropriate initial voltages. *See also:* electronic analog computer. (C) 165-1977w

reset interval (1) (automatic circuit recloser) The time required for the counting mechanism to return to the starting position. (SWG/PE) C37.60-1981r

(2) (of an automatic circuit recloser or automatic line sectionalizer) The time required, after a counting operation, for the counting mechanism to return to the starting position of that counting operation. (SWG/PE) C37.100-1992

reset, manual *See:* manual reset.

reset on inertial navigation systems (navigation aid terms) Use of external data (for example, position fix) to refine alignment of and to calibrate the inertial navigation system. (AES/GCS) 172-1983w

reset packet A packet used during initialization to reset the node's CSR state, empty ring buffers, initialize the ring interface and establish that ring closure has been achieved. (C/MM) 1596-1992

reset pulse A drive pulse that tends to reset a magnetic cell. (Std100) 163-1959w

reset rate (process control) (proportional plus reset control action or proportional plus reset plus rate control action) The number of times per minute that the effect of proportional-position control action is repeated. *See also:* integral action rate. (PE/EDPG) [3]

reset switch A machine-operated device that restores normal operation to the control system after a corrective action. *See also:* photoelectric control. (IA/ICTL/IAC) [60]

resetability (1) (electric pipe heating systems) The restoring of a mechanism, electrical circuit, or device to the prescribed state. Resetability is usually associated with temperature controllers and is the difference in degrees when returning to original temperature setting. (PE/EDPG) 622A-1984r, 622B-1988r

(2) (oscillators) The ability of the tuning element to retune the oscillator to the same operating frequency for the same set of input conditions. (ED) 158-1962w

reset test A test or collection of tests that is invoked by a command `_reset`. Although a reset test is actually a form of initialization test, the term reset test is used to avoid confusing its functionality with the initialization tests that are invoked by writing to the TEST_START register. (C/MM) 1212-1991s