

Data Definitions for “AS Prices” Table

Variable Name	Definition
OPR_DT	Operating Date
OPR_HR	Operating Hour
CNGS_ZONE	Congestion Zone
AZ2	APS Zone 2
AZ3	APS Zone 3
AZ4	APS Zone 4
AZ5	APS Zone 5
HUMB	Humbolt Zone 1
II1	IID Zone 1
II2	IID Zone 2
LA1	LADWP Zone 1
LA2	LADWP Zone 2
LA3	LADWP Zone 3
LA4	LADWP Zone 4
LC1	Lower Colorado Zone 1
LC2	Lower Colorado Zone 2
LC3	Lower Colorado Zone 3
MX	Commission Federal de Electricdad Zone 1
NP15	North of Path 15
NV3	Nevada Zone 3
NW1	Northwest Zone 1
NW2	Northwest Zone 2
NW3	Northwest Zone 3
PAS	Pasadena Zone 1
SF	San Francisco Zone 1
SP15	South of Path 15
SR2	Sierra Zone 2
SR3	Sierra Zone 3
MKT_TYPE	Market Type (D = Day Ahead, H = Hour Ahead)
ZN_SELF_MIN_REG_MW*	Zonal self-provided downward regulation quantities (MW)
ZN_SELF_MAX_REG_MW*	Zonal self-provided upward regulation quantities (MW)
ZN_MKT_MIN_REG_MW*	Zonal market-procured downward regulation quantities (MW)
ZN_MKT_MAX_REG_MW*	Zonal market-procured upward regulation quantities (MW)
ZN_RU_PRC	Zonal market clearing upward regulation price (\$/MW)
ZN_RD_PRC	Zonal market clearing downward regulation price (\$/MW)
ZN_SELF_SPIN_MW**	Zonal self-provided spinning reserve quantities (MW)
ZN_MKT_SPIN_MW*	Zonal market-procured spinning reserve quantities (MW)
ZN_SPIN_PRC	Zonal market clearing spinning reserve price
ZN_SELF_GREPL_MW*	Zonal self-provided generator replacement reserve quantities (MW)
ZN_MKT_GREPL_MW*	Zonal market-procured generator replacement reserve quantities (MW)
ZN_GREPL_PRC	Zonal market clearing generator replacement reserve price
ZN_SELF_LNSPIN_MW*	Zonal self-provided load non-spinning reserve quantities (MW)
ZN_MKT_LNSPIN_MW*	Zonal market-procured load non-spinning reserve quantities (MW)
ZN_LNSPIN_PRC	Zonal market clearing load non-spinning reserve price
ZN_SELF_LREPL_MW*	Zonal self-provided load replacement reserve quantities (MW)
ZN_MKT_LREPL_MW*	Zonal market-procured load replacement reserve quantities (MW)
ZN_LREPL_PRC	Zonal market clearing load replacement price
ZN_SELF_GNSPIN_MW*	Zonal self-provided generator non-spinning reserve quantities (MW)
ZN_MKT_GNSPIN_MW*	Zonal market-procured generator non-spinning reserve quantities (MW)
ZN_GNSPIN_PRC	Zonal market clearing generator non-spinning price

*Hour-ahead quantities can be negative. This can occur when a scheduling coordinator having sold ancillary service capacity in the day-ahead market purchases some of that capacity back from a different zone in the hour-ahead market.