Supercedes: none

SNVT names for use with Standard Systems in MNL-800s					
NVIs					
Name	SNVT Type	Hardware Point	Typical Useage	Notes	SNVT type #
nviAirflow	SNVT_flow		Airflow input		15
nviApplicMode	SNVT_hvac_mode		Application Mode input		108
nviAuxHeat	SNVT_lev_disc		Auxillary heat input	Enumerated SNVT	22
nviAuxHeatEnable	SNVT_switch		Auxillary heat enable input	Structured SNVT	95
nviBldgStaticPress	SNVT_press_p		Building static pressure input		113
nviBldgStaticSP	SNVT_press_p		Building static pressure setpoint input		113
nviBlr1Enable	SNVT_switch	B1Ena	Boiler 1 enable input	Structured SNVT	95
nviBlr1OnOff	SNVT_switch	B1SS	Boiler 1 command input	Structured SNVT	95
nviBlr2Enable	SNVT_switch	B2Ena	Boiler 2 enable input	Structured SNVT	95
nviBlr2OnOff	SNVT_switch	B2SS	Boiler 2 command input	Structured SNVT	95
nviBoilerEnable	SNVT_switch		Boiler enable input	Structured SNVT	95
nviBoilerOnOff	SNVT_switch		Boiler command input	Structured SNVT	95
nviCgValveOvrd	SNVT_hvac_overid		Cooling valve override input	Structured and enumerated SNVT **** comment this is typical of what SCC uses for Ovrd	111
nviCHWRetTemp	SNVT_temp_p	ChwrT	Chilled water return input		105
nviCHWSupTemp	SNVT_temp_p	ChwsT	Chilled water supply input		105
nviCntIncF1	SNVT_count_inc_f		Spare Satellite point for unnamed points	add SNVTS as needed for program usage increasing by +1	52
nviCntIncF2	SNVT_count_inc_f		Spare Satellite point for unnamed points	add SNVTS as needed for program usage increasing by +1	52
nviCntIncF3	SNVT_count_inc_f		Spare Satellite point for unnamed points	add SNVTS as needed for program usage increasing by +1	52
nviCntIncF4	SNVT_count_inc_f		Spare Satellite point for unnamed points	add SNVTS as needed for program usage increasing by +1	52
nviComprEnable	SNVT_switch		Compressor enable input	Structured SNVT	95
nviCoolEna	SNVT_switch		Cooling enable input	Structured SNVT	95
nviCoolEnaOvrd	SNVT_switch		Cooling enable override input	Structured SNVT	95
nviCoolPriSlave	SNVT_lev_percent		Primary Cool input for slave operation		81
nviCoolSecSlave	SNVT_lev_percent		Secondary Cool input for slave operation		81
nviCoolSrcTemp	SNVT_temp_p		Cool source temperature input		105
nviCWFlow	SNVT_switch		Condenser water flow input		95
nviCWRetTemp	SNVT_temp_p	CwrT	Condenser water return temperature input		105
nviCWSupTemp	SNVT_temp_p	CwsT	Condenser water supply temperature input		105
nviDAClSP	SNVT_temp_p		Discharge air cooling setpoint input		105
nviDADewPointSP	SNVT_temp_p		Discharge air dewpoint temperature setpoint input		105
nviDaflow	SNVT_flow	DaFlo	Discharge air flow input		15
nviDAHtSP	SNVT_temp_p		Discharge air heating setpoint input		105

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Supercedes: none

Name	SNVT Type	Hardware Point	Typical Useage	Notes	SNVT type #
nviDASetpnt	SNVT_temp_p	DaTSp	Discharge Air setpoint		105
nviDehumEnable	SNVT_switch		Dehumidification enable input		95
nviDischAirTemp	SNVT_temp_p	DaT	Discharge air temperature input		105
nviDischRH	SNVT_lev_percent	DaRh	Discharge air humidity input		81
nviDischRHSpt	SNVT_lev_percent	DaRhSpt	Discharge air humidity setpoint input		81
nviDuctStaticPress	SNVT_press_p		Duct static pressure input		113
nviDuctStaticSP	SNVT_press_p		Duct static pressure setpoint input		113
nviEconEnable	SNVT_switch		Economizer enable Input	Structured SNVT	95
nviEffectSetpt	SNVT_temp_p		Effective setpoint. Input from another controller		105
nviEfSSOvrd	SNVT_switch		Exhaust fan start/stop override input	Structured SNVT	95
nviEmergOverride	SNVT_hvac_emerg		Emergency override input	Enumerated SNVT	103
nviEnergyHoldOff	SNVT_switch		Energy hold off input from another controller	Structured SNVT	95
nviExhFanCap	SNVT_lev_percent		Exhaust fan capacity input		81
nviExhFanOnOff	SNVT_switch	EfSS	Exhaust Fan Start/Stop input	Structured SNVT	95
nviFanSpeedCmd	SNVT_switch	SfVsd or RfVsd, etc.	Fan speed command input	Structured SNVT	95
nviFlowOvrd	SNVT_hvac_overid		Airflow override input	Structured and enumerated SNVT *** used by SCC object	111
nviHeatCool	SNVT_hvac_mode		Heat/Cool mode input	Enumerated SNVT	108
nviHeatEna	SNVT_switch		Heat enable input	Structured SNVT	95
nviHeatEnaOvrd	SNVT_switch		Heat enable override input	Structured SNVT	95
nviHeatPriSlave	SNVT_lev_percent		Primary Heat input for slave operation		81
nviHeatSecSlave	SNVT_lev_percent		Secondary Heat input for slave operation		81
nviHeatSetpt	SNVT_temp_p		Heating setpoint input		105
nviHeatSrcTemp	SNVT_temp_p		Heat source temperature input		105
nviHtValveOvrd	SNVT_hvac_overid		Heating valve override input	Structured and enumerated SNVT **** comment this is typical of what SCC uses for Ovrd	111
nviHumEnable	SNVT_switch		Humidity enable input		95
nviMaDmpOvrd	SNVT_hvac_overid		Mixed air damper override input	Structured and enumerated SNVT **** comment this is typical of what SCC uses for Ovrd	111
nviMATSP	SNVT_temp_p		Mixed air temperature setpoint input		105
nviMinOAFlowSP	SNVT_flow		Minimum outdoor air flow setpoint input		15
nviMixedTemp	SNVT_temp_p	MaT	Mixed air temperature input		105
nviOaMinPos	SNVT_lev_percent		Outdoor air minimum position input		81
nviOccCmd	SNVT_occupancy		Occupancy command input	Enumerated SNVT	109
nviOccManCmd	SNVT_occupancy		Manual Occupancy command input	Enumerated SNVT	109
nviOccSchedule	SNVT_tod_event		Occupancy scheduler input	Structured and enumerated SNVT	128
nviOccSensor	SNVT_occupancy		Occupancy sensor input	Enumerated SNVT	109
nviOccupSw	SNVT_switch		Occupancy switch input	Structured SNVT	95
nviOutdoorCO2	SNVT_ppm	OaCO2			29
nviOutdoorDewPt	SNVT_temp_p	OaDew	Outside air dew point temperature input		105

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Supercedes: none

Name	SNVT Type	Hardware Point	Typical Useage	Notes	SNVT type #
nviOutdoorRH	SNVT_lev_percent	OaRh	Outside air humidity		81
nviOutdoorTemp	SNVT_temp_p	OaT	Outside air temp		105
nviOverride	SNVT_hvac_overid		Override input	Structured and enumerated SNVT **** SCC object uses for overrides	111
nviPmp1OnOff	SNVT_switch		Pump 1 Start/Stop input	Structured SNVT	95
nviPmp1SpeedCmd	SNVT_switch	P1Vsd	Pump 1 speed control input	Structured SNVT	95
nviPmp1SSOvrd	SNVT_switch		Pump 1 Start/Stop override input	Structured SNVT	95
nviPmp2OnOff	SNVT_switch		Pump 2 Start/Stop input	Structured SNVT	95
nviPmp2SpeedCmd	SNVT_switch	P2Vsd	Pump 2 speed control input	Structured SNVT	95
nviPmp2SSOvrd	SNVT_switch		Pump 2 Start/Stop override input	Structured SNVT	95
nviPoolTemp	SNVT_temp_p	PlwT	Pool water temperature input		105
nviPumpSpeedCmd	SNVT_switch		Pump speed command input	Structured SNVT	95
nviRaFlow	SNVT_flow	RaFlo	Return air flow input		15
nviRATemp	SNVT_temp_p		Return air temperature input		105
nviRetFanCap	SNVT_lev_percent		Return fan capacity input		81
nviRetFanOnOff	SNVT_switch	RfSS	Return Fan Start/Stop input	Structured SNVT	95
nviReturnDewPt	SNVT_temp_p	RaDew	Return air dewpoint temperature input		105
nviReturnRH	SNVT_lev_percent	RaRh	Return air humidity input		81
nviReturnRHSpt	SNVT_lev_percent	RaRhSpt	Return air humidity setpoint input		81
nviReturnTemp	SNVT_temp_p	RaT or HwrT or ChwrT, etc.	Return temperature input		105
nviRfSSOvrd	SNVT_switch		Return fan Start/Stop override input	Structured SNVT	95
nviRfVsdOvrd	SNVT_hvac_overid		Return fan VSD overide input	Structured and enumerated SNVT **** SCC object uses for overrides	111
nviSatPercent1	SNVT_lev_percent		Satellite percentage input	add SNVTS as needed for program usage increasing by +1	81
nviSatPercent2	SNVT_lev_percent		Satellite percentage input	add SNVTS as needed for program usage increasing by +1	81
nviSatPercent3	SNVT_lev_percent		Satellite percentage input	add SNVTS as needed for program usage increasing by +1	81
nviSatPercent4	SNVT_lev_percent		Satellite percentage input	add SNVTS as needed for program usage increasing by +1	81
nviSatPPM	SNVT_ppm		Satellite ppm input		29
nviSatState1	SNVT_state		Satellite digital state input	Structured SNVT **** add SNVTS as needed for program usage increasing by +1	83
nviSatState2	SNVT_state		Satellite digital state input	Structured SNVT **** add SNVTS as needed for program usage increasing by +1	83
nviSatSwitch1	SNVT_switch		Satellite switch input	Structured SNVT **** add SNVTS as needed for program usage increasing by +1	95
nviSatSwitch2	SNVT_switch		Satellite switch input	Structured SNVT **** add SNVTS as needed for program usage increasing by +1	95
nviSatSwitch3	SNVT_switch		Satellite switch input	Structured SNVT **** add SNVTS as needed for program usage increasing by +1	95
nviSatSwitch4	SNVT_switch		Satellite switch input	Structured SNVT **** add SNVTS as needed for program usage increasing by +1	95

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Supercedes: none

Name	SNVT Type	Hardware Point	Typical Useage	Notes	SNVT type #
nviSatTemp1	SNVT_temp_p		Satellite temperature input	add SNVTS as needed for program usage increasing by +1	105
nviSatTemp2	SNVT_temp_p		Satellite temperature input	add SNVTS as needed for program usage increasing by +1	105
nviSatTemp3	SNVT_temp_p		Satellite temperature input	add SNVTS as needed for program usage increasing by +1	105
nviSatTemp4	SNVT_temp_p		Satellite temperature input	add SNVTS as needed for program usage increasing by +1	105
nviSetpoint	SNVT_temp_p	RmTSpt or RaTSpt, etc.	Temperature setpoint input (absolute)		105
nviSetpointOvrd	SNVT_temp_p		Setpoint override input		105
nviSetptOffset	SNVT_temp_p		Setpoint offset input		105
nviSetptShift	SNVT_temp_setpt		Setpoint shift input	Structured SNVT	106
nviSfSSOvrd	SNVT_switch		Supply fan Start/Stop override input		95
nviSfVsdOvrd	SNVT_hvac_overid		Supply fan VSD overeride input	Structured and enumerated SNVT **** comment this is typical of what SCC uses for Ovrd	111
nviSourceTemp	SNVT_temp_p	ChgT or similar	Source temperature input		105
nviSpaceCO2	SNVT_ppm	RmCO2	Space CO2 (overrides local sensor)		29
nviSpaceDehumSP	SNVT_lev_percent		Space dehumidification setpoint input		81
nviSpaceDewPt	SNVT_temp_p	RmDew	Space dew point temperature input		105
nviSpaceHumSpt	SNVT_lev_percent	RmRhSpt	Space humidity setpoint from another controller		81
nviSpaceRH	SNVT_lev_percent	RmRh	Space humidity from another controller (overrides loca sensor)		81
nviSpaceTemp	SNVT_temp_p	RmT	Space temp input (overrides local sensor)		105
nviSupAirTemp	SNVT_temp_p	SaT	Supply air temperature input		105
nviSupFanCap	SNVT_lev_percent		Supply fan capacity input		81
nviSupFanOnOff	SNVT_switch	SfSS	Supply Fan Start/Stop input	Structured SNVT	95
nviSupplyTemp	SNVT_temp_p	HwsT, ChwsT, etc.	Supply temperature input	**** Listed in boiler control object	105
nviUnitStatus	SNVT_hvac_status		Unit opersting ststus from another controller	Structured SNVT	112
nviUserLockout	SNVT_switch		Used to lockout user control of setpoints, application mode, or fan speed commands. State=1 and Value = 0 means commands are lockedout	Structured SNVT	95
nviValveOverride	SNVT_hvac_overid		Water valve override input	Structured SNVT and Enumerated *** used by SCC object	111
nviWaterTemp	SNVT_temp_p		Water temperature input		105

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Supercedes: none

SNVT names for use with Standard Systems in MNL-800s					
NVOs					
Name	SNVT Type	Hardware Point	Typical Useage	Notes	SNVT type #
nvoAirflow	SNVT_flow		Air flow output		15
nvoApplicMode	SNVT_hvac_mode		Application mode output	Enumerated SNVT	108
nvoAuxHeatEnable	SNVT_switch		Auxillary heat enable output	Structured SNVT	95
nvoBldgStatPress	SNVT_press_p		Return fan pressure output		113
nvoBlr1Cmd	SNVT_switch	Blr1SS	Boiler 1 command output	Structured SNVT	95
nvoBlr1Enable	SNVT_switch	B1Ena	Boiler 1 enable output	Structured SNVT	95
nvoBlr1Load	SNVT_lev_percent		Boiler 1 percent load output		81
nvoBlr2Cmd	SNVT_switch	Blr2SS	Boiler 2 command output	Structured SNVT	95
nvoBlr2Enable	SNVT_switch	B2Ena	Boiler 2 enable output	Structured SNVT	95
nvoBlr2Load	SNVT_lev_percent		Boiler 2 percent load output		81
nvoBoilerCmd	SNVT_switch	BlrSS or BlrCmd	Boiler command output	Structured SNVT	95
nvoBoilerEnable	SNVT_switch	BlrEna	Boiler enable output	Structured SNVT	95
nvoBoilerLoad	SNVT_lev_percent		Boiler percent load output		81
nvoBoilerState	SNVT_switch		Boiler state output	Structured SNVT	95
nvoBypassValve	SNVT_lev_percent		Bypass valve percent open/close output		81
nvoCgValve	SNVT_lev_percent	CgVlv	Cooling valve open/closed output	**** Use nvoUnitStatus first where possible	81
nvoCHWRetTemp	SNVT_temp_p	ChwrT	Chilled water return temperature output		105
nvoCHWSupTemp	SNVT_temp_p	ChwsT	Chilled water supply temperature output		105
nvoCntIncF1	SNVT_count_inc_f		Spare Satellite point for unnamed points	add SNVTS as needed for program usage increasing by +1	52
nvoCntIncF2	SNVT_count_inc_f		Spare Satellite point for unnamed points	add SNVTS as needed for program usage increasing by +1	52
nvoCntIncF3	SNVT_count_inc_f		Spare Satellite point for unnamed points	add SNVTS as needed for program usage increasing by +1	52
nvoCntIncF4	SNVT_count_inc_f		Spare Satellite point for unnamed points	add SNVTS as needed for program usage increasing by +1	52
nvoComprEnable	SNVT_switch		Compressor enable output	Structured SNVT	95
nvoCoolOutput	SNVT_lev_percent		Cooling percent output		81
nvoCoolPrimary	SNVT_lev_percent		Cooling primary output to slave		81
nvoCoolSecondary	SNVT_lev_percent		Cooling secondary output to slave		81
nvoCoolSrcTemp	SNVT_temp_p		Cooling source temperature output		105
nvoCWRetTemp	SNVT_temp_p	CwrT	Condenser water return temperature output		105
nvoCWSupTemp	SNVT_temp_p	CwsT	Condenser water supply temperature output		105
nvoDADewPoint	SNVT_temp_p		Discharge air dewpoint temperature output		105
nvoDaflow	SNVT_flow		Discharge air flow output	**** ???? not in SCC but could be used	15
nvoDehumidifier	SNVT_switch		Dehumidification status output		95
nvoDischAirTemp	SNVT_temp_p	DaT	Discharge air temperature output		105
nvoDischRH	SNVT_lev_percent	DaRh	Discharge air humidity output		81

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Supercedes: none

Name	SNVT Type	Hardware Point	Typical Useage	Notes	SNVT type #
nvoDischRHSpt	SNVT_lev_percent		Discharge air humidity setpoint output		81
nvoDuctStatPress	SNVT_press_p		Duct static pressure output		113
nvoEconEnable	SNVT_switch		Economizer enable output	Structured SNVT	95
nvoEconEnabled	SNVT_switch		Economizer enabled output	Structured SNVT	95
nvoEffDADewPtSP	SNVT_temp_p		Effective discharge air dewpoint setpoint output		105
nvoEffDATempSP	SNVT_temp_p		Effective discharge air temperature setpoint		105
nvoEffDuctStatSP	SNVT_press_p		Effective duct static pressure output		113
nvoEffectFlowSP	SNVT_flow		Effective flow setpoint output		15
nvoEffectOccup	SNVT_occupancy		Effective occupancy output	Enumerated SNVT	109
nvoEffectSetpt	SNVT_temp_p		Effective temperature setpoint output		105
nvoEffSpaceDHSP	SNVT_lev_percent		Effective space dehumidify setpoint output		81
nvoEffSpaceHumSP	SNVT_lev_percent		Effective space humidity setpoint output		81
nvoEnergyHoldOff	SNVT_switch		Energy hold off output	Structured SNVT	95
nvoExhDamper	SNVT_lev_percent		Exhaust fan damper control output		81
nvoExhFanAmps	SNVT_amp		Exhaust fan amperage output		1
nvoExhFanCap	SNVT_lev_percent		Exhaust fan capacity output		81
nvoExhFanOnOff	SNVT_switch		Exhaust fan on/off control output		95
nvoExhFanStatus	SNVT_switch		Exhaust fan status output		95
nvoFanSpeed	SNVT_switch	SfVsd or RfVsd, etc.	Fan speed output	Structured SNVT	95
nvoFlowSetpoint	SNVT_lev_percent		Flow control damper setpoint output	**** SCC object	81
nvoHeatCool	SNVT_hvac_mode		Heat/Cool mode output	Enumerated SNVT	108
nvoHeatOutput	SNVT_lev_percent		Heating output percent output		81
nvoHeatPrimary	SNVT_lev_percent		Heating primary output to slave		81
nvoHeatSecondary	SNVT_lev_percent		Heating secondary output to slave		81
nvoHeatSrcTemp	SNVT_temp_p		Heat source temperature output		105
nvoHtValve	SNVT_lev_percent	HtVlv	Heating valve open/close percent output	**** Use nvoUnitStatus first where possible	81
nvoHumidifier	SNVT_lev_percent	Hum	Humidifier percentage output		81
nvoHumidifierVlv	SNVT_lev_percent	HumVlv	Humidifier valve percnet open/closed output		81
nvoHwsValve	SNVT_lev_percent		Hot water valve open/close percent output		81
nvoLocalOATemp	SNVT_temp_p	OaT	Outdoor temperature output	Locally wired point use this if another OA temp is on system	105
nvoLocalRetTemp	SNVT_temp_p	**** RaT or HwrT, etc.	Return temperature output	Locally wired point use this if another Return temp is on system	105
nvoLocalSupTemp	SNVT_temp_p	**** DaT or HwsT, etc.	Supply temperature output	Locally wired point use thid if another Supply temp is on the system	105
nvoMADamper	SNVT_lev_percent	MaDmp	Econo damper percent open/close output		81
nvoMATemp	SNVT_temp_p	MaT	Mixed air temperature output		105
nvoOADamper	SNVT_lev_percent	OaDmp	Outdoor air damper percent open/close output		81
nvoOAFlow	SNVT_flow		Outdoor air flow output		15
nvoOccManCmd	SNVT_occupancy		Manual occupancy output	Enumerated SNVT	109
nvoOccSchedule	SNVT_tod_event		Occupancy schedule outut	Structured and enumerated SNVT	128

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Supercedes: none

Name	SNVT Type	Hardware Point	Typical Useage	Notes	SNVT type #
nvoOccSensor	SNVT_occupancy		Occupancy sensor output	Enumerated SNVT	109
nvoOutdoorCO2	SNVT_ppm	OaCO2	Outdoor CO2 output		29
nvoOutdoorDewPt	SNVT_temp_p	OaDew	Outdoor air dewpoint temperature output		105
nvoOutdoorRH	SNVT_lev_percent	OaRh	Outdoor air humidity output		81
nvoOutdoorTemp	SNVT_temp_p	OaT	Outdoor air temperature output		105
nvoPmp1OnOff	SNVT_switch		Pump 1 Start/Stop output	Structured SNVT	95
nvoPmp1Speed	SNVT_switch	P1Spd	Pump 1 speed output	Structured SNVT ** typical of Boiler control profile	95
nvoPmp1SpeedCmd	SNVT_switch	P1Vsd	Pump 1 VSD command output	Structured SNVT	95
nvoPmp2OnOff	SNVT_switch		Pump 2 Start/Stop output	Structured SNVT	95
nvoPmp2Speed	SNVT_switch	P2Spd	Pump 2 speed output	Structured SNVT ** typical of Boiler control profile	95
nvoPmp2SpeedCmd	SNVT_switch	P2Vsd	Pump 2 VSD command output	Structured SNVT	95
nvoPoolTemp	SNVT_temp_p	PlwT	Pool water temperature output		105
nvoPumpSpeed	SNVT_switch	P1Spd or P2Spd	Pump Speed output	Structured SNVT ** used by Boiler control profile	95
nvoPumpSpeedCmd	SNVT_switch	P1Vsd or P2Vsd, etc.	Pump VSD command output		95
nvoRADamper	SNVT_lev_percent	RaDmp	Return air damper percent open/close output		81
nvoRaDewPt	SNVT_temp_p	RaDew	Return air dewpoint temperature output		105
nvoRaFlow	SNVT_flow	RaFlo	Return air flow output		15
nvoRATemp	SNVT_temp_p	RaT	Return air temperature output		105
nvoReheat	SNVT_switch		Reheat output		95
nvoRetFanAmps	SNVT_amp		Return fan amperage output		1
nvoRetFanCap	SNVT_lev_percent		Return fan capacity output		81
nvoRetFanOnOff	SNVT_switch		Return fan on/off control output		95
nvoRetFanPress	SNVT_press_p		Building pressure output		113
nvoRetFanStatus	SNVT_switch		Return fan status output		95
nvoReturnRH	SNVT_lev_percent	RaRh	Return air humidity output		81
nvoReturnRHSpt	SNVT_lev_percent		Return air humidity setpoint output		84
nvoReturnTemp	SNVT_temp_p	HwrT, ChwrT, etc.	Return temperature output	**** We have HWR, RaT, ChwrT, etc	105
nvoSatPercent1	SNVT_lev_percent		Satellite percentage output for unnamed points	add SNVTS as needed for program usage increasing by +1	81
nvoSatPercent2	SNVT_lev_percent		Satellite percentage output for unnamed points	add SNVTS as needed for program usage increasing by +1	81
nvoSatPercent3	SNVT_lev_percent		Satellite percentage output for unnamed points	add SNVTS as needed for program usage increasing by +1	81
nvoSatPercent4	SNVT_lev_percent		Satellite percentage output for unnamed points	add SNVTS as needed for program usage increasing by +1	81
nvoSatPPM	SNVT_ppm		Satellite PPM output for unnamed points		29
nvoSatState1	SNVT_state		Satellite State output for unnamed points	add SNVTS as needed for program usage increasing by +1	83
nvoSatState2	SNVT_state		Satellite State output for unnamed points	add SNVTS as needed for program usage increasing by +1	83

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Supercedes: none

Name	SNVT Type	Hardware Point	Typical Useage	Notes	SNVT type #
nvoSatSwitch1	SNVT_switch		Satellite Switch output for unnamed points	add SNVTS as needed for program usage increasing by +1	95
nvoSatSwitch2	SNVT_switch		Satellite Switch output for unnamed points	add SNVTS as needed for program usage increasing by +1	95
nvoSatSwitch3	SNVT_switch		Satellite Switch output for unnamed points	add SNVTS as needed for program usage increasing by +1	95
nvoSatSwitch4	SNVT_switch		Satellite Switch output for unnamed points	add SNVTS as needed for program usage increasing by +1	95
nvoSatTemp1	SNVT_temp_p		Satellite temperature output for unnamed points	add SNVTS as needed for program usage increasing by +1	105
nvoSatTemp2	SNVT_temp_p		Satellite temperature output for unnamed points	add SNVTS as needed for program usage increasing by +1	105
nvoSatTemp3	SNVT_temp_p		Satellite temperature output for unnamed points	add SNVTS as needed for program usage increasing by +1	105
nvoSatTemp4	SNVT_temp_p		Satellite temperature output for unnamed points	add SNVTS as needed for program usage increasing by +1	105
nvoSetpoint	SNVT_temp_p	RmTSpt or RaTSpt, etc.	Setpoint output		105
nvoSetptOffset	SNVT_temp_p		Setpoint offset output		105
nvoSetptShift	SNVT_temp_setpt		Setpoint shift output	Enumerated SNVT	106
nvoSourceTemp	SNVT_temp_p	ChgT or similar	Source temperature output		105
nvoSpaceCO2	SNVT_ppm	RmCO2	Space CO2 level output		15
nvoSpaceDewPt	SNVT_temp_p	RmDew	Space dewpoint temperature output		81
nvoSpaceRH	SNVT_lev_percent	RmRh	Space humidity output		81
nvoSpaceRHSpt	SNVT_lev_percent	RmRhSpt	Space humidity setpoint output		81
nvoSpaceTemp	SNVT_temp_p	RmT	Space temperature output		105
nvoSupAirTemp	SNVT_temp_p	DaT or SaT depending on system	Supply air temperature output		105
nvoSupFanAmps	SNVT_amp		Supply fan amperage output		1
nvoSupFanOnOff	SNVT_switch		Supply fan on/off control output		95
nvoSupFanStatus	SNVT_switch		Supply fan status output	use nvoUnitStatus first where possible	95
nvoSupplyTemp	SNVT_temp_p	HwsT, ChwsT, etc.	Supply temperature output	**** We have HwsT, ChwsT, DaT etc	105
nvoTerminalLoad	SNVT_lev_percent		Terminal load output		81
nvoUnitStatus	SNVT_hvac_status		Unit status output	Structured SNVT ** used first on all units where possible	112

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Supercedes: none

SNVT names for use with Standard Systems in MNL-800s					
NCIs					
Name	SNVT Type	Hardware Point	Typical Useage	Notes	SNVT type #
nciBldgStaticSP	SNVT_press_p		Building static pressure setpoint		113
nciBlr1Cmd	SNVT_switch	Blr1SS	Boiler 1 command	Structured SNVT ** Typically used in a flat LON	95
nciBlr1Ena	SNVT_switch	Blr1Ena	Boiler 1 enable	Structured SNVT ** Typically used in a flat LON	95
nciBlr2Cmd	SNVT_switch	Blr2SS	Boiler 2 command	Structured SNVT ** Typically used in a flat LON	95
nciBlr2Ena	SNVT_switch	Blr2Ena	Boiler 2 enable	Structured SNVT ** Typically used in a flat LON	95
nciBoilerEnable	SNVT_switch	BlrEna	Boiler enable	Structured SNVT ** Typically used in a flat LON	95
nciBypassTime	SNVT_time_min		Local bypass time	**** Used in SCC object	123
nciCgValveOvrd	SNVT_hvac_overid		Cooling valve override	Structured and enumerated SNVT ** Typically used in a flat LON	111
nciCoolEna	SNVT_switch		Cooling enable	Structured SNVT ** Typically used in a flat LON	95
nciCoolLockout	SNVT_temp_p		Cooling lockout setpoint		105
nciDAClSP	SNVT_temp_p		Discharge air cooling setpoint		105
nciDADewPointSP	SNVT_temp_p		Discharge air dewpoint temperature setpoint		105
nciDAHtSP	SNVT_temp_p		Discharge air heating setpoint		105
nciDASetpnt	SNVT_temp_p	DaTSp	Discharge Air setpoint		105
nciDehumEnable	SNVT_switch		Dehumidification enable		95
nciDuctArea	SNVT_area		Duct area calculation		110
nciDuctStaticSP	SNVT_press_p		Duct static pressure setpoint		113
nciDuctStatLim	SNVT_press_p		Duct static pressure limit		113
nciExhFanCap	SNVT_lev_percent		Exhaust fan capacity		81
nciExhFanOnOff	SNVT_switch		Exhaust fan Start/Stop	Structured SNVT ** Typically used in a flat LON	95
nciFlowGain	SNVT_multiplier		Airflow measurement gain		82
nciHeatEna	SNVT_switch		Heat enable	Structured SNVT ** Typically used in a flat LON	95
nciHeatLockout	SNVT_temp_p		Heating lockout setpoint		105
nciHeatSetpt	SNVT_temp_p		Heat setpoint		105
nciHtValveOvrd	SNVT_hvac_overid		Heat valve override	Structured and enumerated SNVT ** Typically used in a flat LON	111
nciHumEnable	SNVT_switch		Humidity enable		95
nciHvacType	SNVT_hvac_type		HVAC type		145

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Supercedes: none

Name	SNVT Type	Hardware Point	Typical Useage	Notes	SNVT type #
nciMaDmpOvrd	SNVT_hvac_overid		Mixed air damper override	Structured and enumerated SNVT ** Typically used in a flat LON	111
nciMALowLimitSP	SNVT_temp_p		Mixed air low limit setpoint		105
nciManualTime	SNVT_time_min		Manual override time		123
nciMATSP	SNVT_temp_p		Mixed air temperature setpoint		105
nciMaxDAClSP	SNVT_temp_p		Maximum discharge air temperature cooling setpoint		105
nciMaxDAHtSP	SNVT_temp_p		Maximum discharge air temperature heating setpoint		105
nciMaxDuctStatSP	SNVT_press_p		Maximum duct static pressure setpoint		113
nciMinDAClSP	SNVT_temp_p		Minimum discharge air temperature cooling setpoint		105
nciMinDAHtSP	SNVT_temp_p		Minimum discharge air temperature heating setpoint		105
nciMinDuctStatSP	SNVT_press_p		Minimum duct static pressure setpoint		113
nciMinOAFlowSP	SNVT_flow		Minimum outdoor air flow setpoint		15
nciNomFlow	SNVT_flow		Nominal airflow		15
nciNumValve	SNVT_count		Number of heating/cooling valves		8
nciOAFlowCalib	SNVT_multiplier		Outdoor air flow calibration		82
nciOAInletArea	SNVT_area		Outdoor air inlet area		110
nciOaMinPos	SNVT_lev_percent		Outdoor air minimum position		81
nciOATSP	SNVT_temp_p		Outdoor air temperature setpoint		105
nciPmp1OnOff	SNVT_switch		Pump 1 Start/Stop	Structured SNVT	95
nciPmp2OnOff	SNVT_switch		Pump 2 Start/Stop	Structured SNVT	95
nciRetFanCap	SNVT_lev_percent		Return fan capacity		81
nciRetFanOnOff	SNVT_switch		Return fan Start/Stop	Structured SNVT ** Typically used in a flat LON	95
nciRetFanPressSP	SNVT_press_p		Return fan static pressure setpoint		113
nciReturnRHSpt	SNVT_lev_percent	RaRhSpt	Return air humidity setpoint		81
nciRFSSOvrd	SNVT_switch		Return fan Start/Stop override	Structured SNVT ** Typically used in a flat LON	95
nciRfVsdOvrd	SNVT_hvac_overid		Return fan VSD override	Structured and enumerated SNVT ** Typically used in a flat LON	111
nciSatConfig1	SNVT_count_inc_f		Satellite config value for unnamed points	add SNVTS as needed for program usage increasing by +1	52
nciSatConfig2	SNVT_count_inc_f		Satellite config value for unnamed points	add SNVTS as needed for program usage increasing by +1	52
nciSatConfig3	SNVT_count_inc_f		Satellite config value for unnamed points	add SNVTS as needed for program usage increasing by +1	52
nciSatConfig4	SNVT_count_inc_f		Satellite config value for unnamed points	add SNVTS as needed for program usage increasing by +1	52
nciSatPercent1	SNVT_lev_percent		Satellite percent value for unnamed points	add SNVTS as needed for program usage increasing by +1	81
nciSatPercent2	SNVT_lev_percent		Satellite percent value for unnamed points	add SNVTS as needed for program usage increasing by +1	81

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Supercedes: none

Name	SNVT Type	Hardware Point	Typical Useage	Notes	SNVT type #
nciSatPercent3	SNVT_lev_percent		Satellite percent value for unnamed points	add SNVTS as needed for program usage increasing by +1	81
nciSatPercent4	SNVT_lev_percent		Satellite percent value for unnamed points	add SNVTS as needed for program usage increasing by +1	81
nciSatState1	SNVT_state		Satellite state values for unnamed points	Structured SNVT ** add SNVTS as needed for program usage increasing by +1	83
nciSatState2	SNVT_state		Satellite state values for unnamed points	Structured SNVT ** add SNVTS as needed for program usage increasing by +1	83
nciSatSwitch1	SNVT_switch		Satellite switch values for unnamed points	Structured SNVT ** add SNVTS as needed for program usage increasing by +1	95
nciSatSwitch2	SNVT_switch		Satellite switch values for unnamed points	Structured SNVT ** add SNVTS as needed for program usage increasing by +1	95
nciSatSwitch3	SNVT_switch		Satellite switch values for unnamed points	Structured SNVT ** add SNVTS as needed for program usage increasing by +1	95
nciSatSwitch4	SNVT_switch		Satellite switch values for unnamed points	Structured SNVT ** add SNVTS as needed for program usage increasing by +1	95
nciSatTemp1	SNVT_temp_p		Satellite temperature values for unnamed points	add SNVTS as needed for program usage increasing by +1	105
nciSatTemp2	SNVT_temp_p		Satellite temperature values for unnamed points	add SNVTS as needed for program usage increasing by +1	105
nciSatTemp3	SNVT_temp_p		Satellite temperature values for unnamed points	add SNVTS as needed for program usage increasing by +1	105
nciSatTemp4	SNVT_temp_p		Satellite temperature values for unnamed points	add SNVTS as needed for program usage increasing by +1	105
nciSetPnts	SNVT_temp_setpt		Setpoint values	Structured SNVT **** same as nciSetpoints	106
nciSetpoints	SNVT_temp_setpt		Setpoint values	Structured SNVT **** same as nciSetPnts	106
nciSFSSOvrd	SNVT_switch		Supply fan Start/Stop override	Structured SNVT ** Typically used in a flat LON	95
nciSfVsdOvrd	SNVT_hvac_overid		Supply fan VSD override	Structured and enumerated SNVT	111
nciSpaceCO2Lim	SNVT_ppm	RmCO2Spt	Space CO2 limit		29
nciSpaceDehumSP	SNVT_lev_percent		Space dehumidification setpoint		81
nciSpaceHumSP	SNVT_lev_percent	RmRhSpt	Space humidity setpoint		81
nciSpaceSetpoint	SNVT_temp_p	RmTSpt	Space setpoint (single)		105
nciSupFanCap	SNVT_lev_percent		Supply fan capacity		81
nciSupFanOnOff	SNVT_switch		Supply fan Start/Stop	Structured SNVT ** Typically used in a flat LON	95

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