

Job Name/Location:

Tag #:

Date: \_\_\_\_\_ For:  File  Resubmit  
 PO No.: \_\_\_\_\_  Approval  Other \_\_\_\_\_  
 Architect: \_\_\_\_\_ GC: \_\_\_\_\_  
 Engr: \_\_\_\_\_ Mech: \_\_\_\_\_  
 Rep: \_\_\_\_\_  
 (Company) \_\_\_\_\_ (Project Manager) \_\_\_\_\_



**PBACNBTR0A**  
**LG MultiSITE™ Communications Manager**



**Electrical:**

|                   |   |
|-------------------|---|
| Power Supply      | 24VAC/24VDC/Optional wall power adapter |
| Power Consumption | 24 VA                                   |

40 VA transformer recommended.

**Ambient Conditions:**

|                        |                                |
|------------------------|--------------------------------|
| Operating Temperature  | -4 - 140 °F                    |
| Storage Temperature    | -40 - 185 °F                   |
| Humidity               | 5-95% (non-condensing)         |
| Shipping and Vibration | ASTM D4169, Assurance Level II |
| MTBF                   | 10+ years                      |

**Unit Data:**

|   |                             |
|---|-----------------------------|
| Base Hardware   | JACE 8000                   |
| Dimensions  | 7.05" W x 4.33" H x 2.40" D |
| Maximum Number of Devices   | 128                         |
| Maximum Number of Outdoor Units   | 16 per V-net                |
| USB Type A connector  |                             |
| Removeable micro-SD card with 4GB flash total storage/2 GB user storage |                             |
| Two (2) isolated V-Net communication ports                              |                             |
| Two (2) 10/100 MB Ethernet ports  |                             |

**Supported Network Protocols:**

|           |
|-----------|
| BACnet®   |
| LonWorks® |
| Fox®      |

**Connectivity:**

|                 |
|-----------------|
| LG ACP          |
| 10/100 Ethernet |

**Communications Cabling Specifications (V-Net):**

|                |  |
|----------------|--|
| Type           | 2-conductor, stranded, shielded copper cable/<br>PVC or vinyl jacket |
| Size           | AWG 18 x 2   |
| Maximum Length | 3,280 ft (end to end)  |

AWG - American Wire Gauge

**Niagara Compatibility Statement (NiCS)**

|                           |                       |
|---------------------------|-----------------------|
| Common Name               | Communication Manager |
| Property                  |                       |
| Station Compatibility In  | All                   |
| Station Compatibility Out | All                   |
| Tool Compatibility In     | All                   |
| Tool Compatibility Out    | All                   |

**Standard Features**

- Integrates All LG Multi V™ systems, Multi F systems, and select LG single zone systems with third party building management systems
- Includes the LG Graphical User Interface
  - o Indoor unit control/monitoring by groups/indoor units
  - o Opera. on – On/Off
  - o Mode – Auto/Cool/Dry/Heat/Fan Only
  - o Fan Speed – Auto/Low/Med/High/Power
  - o Two Setpoint Auto-Changeover
  - o Occupancy control
  - o Speed, Controller Lock, and Louver Swing
  - o Temperature Setpoint Range Limit
  - o Remote Controller Lock (All, Setpoint, Mode, Fan Speed)
  - o Power Distribution Indicator (PDI)

**Optional Accessories (sold separately):**

- LON Module - ZHWLONWK0
- Wall Power Adapter - ZHWPWADTR

**Notes:**

Must follow installation instructions in the applicable LG installation manual. Available functions/features may differ based on the connected system.

LonWorks® is a trademark of Echelon



PBACNBTR0A

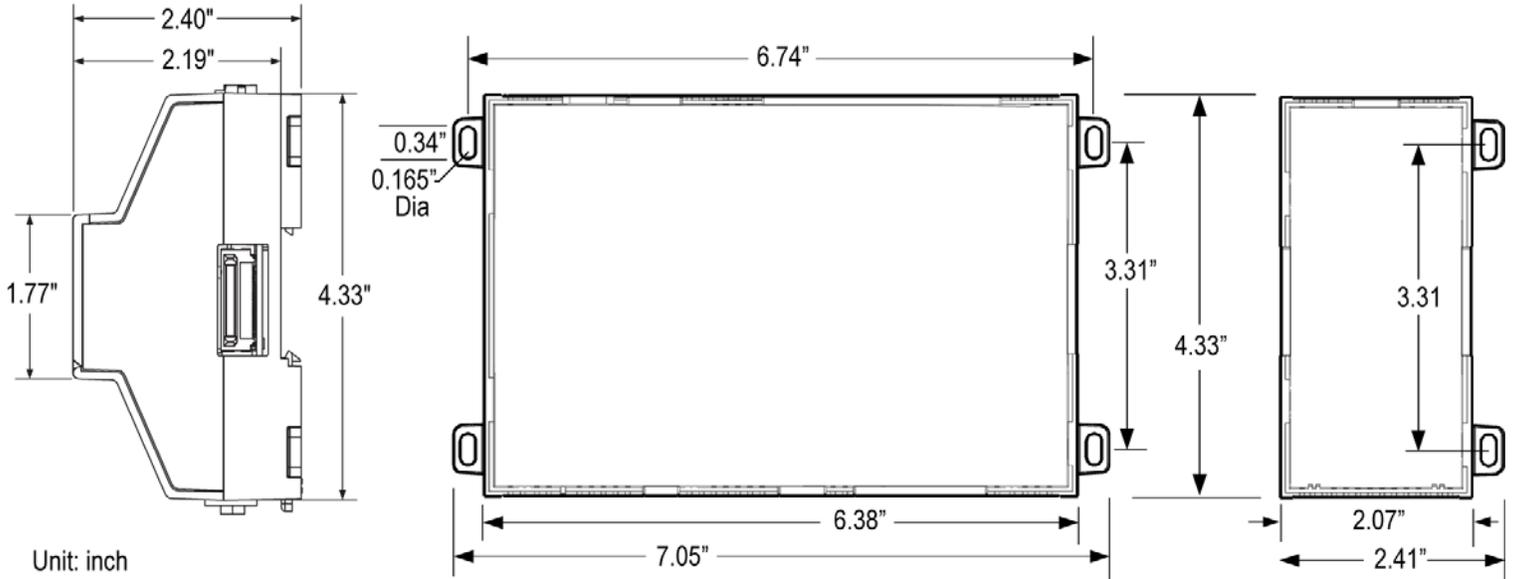
LG MultiSITE™ Communications Manager



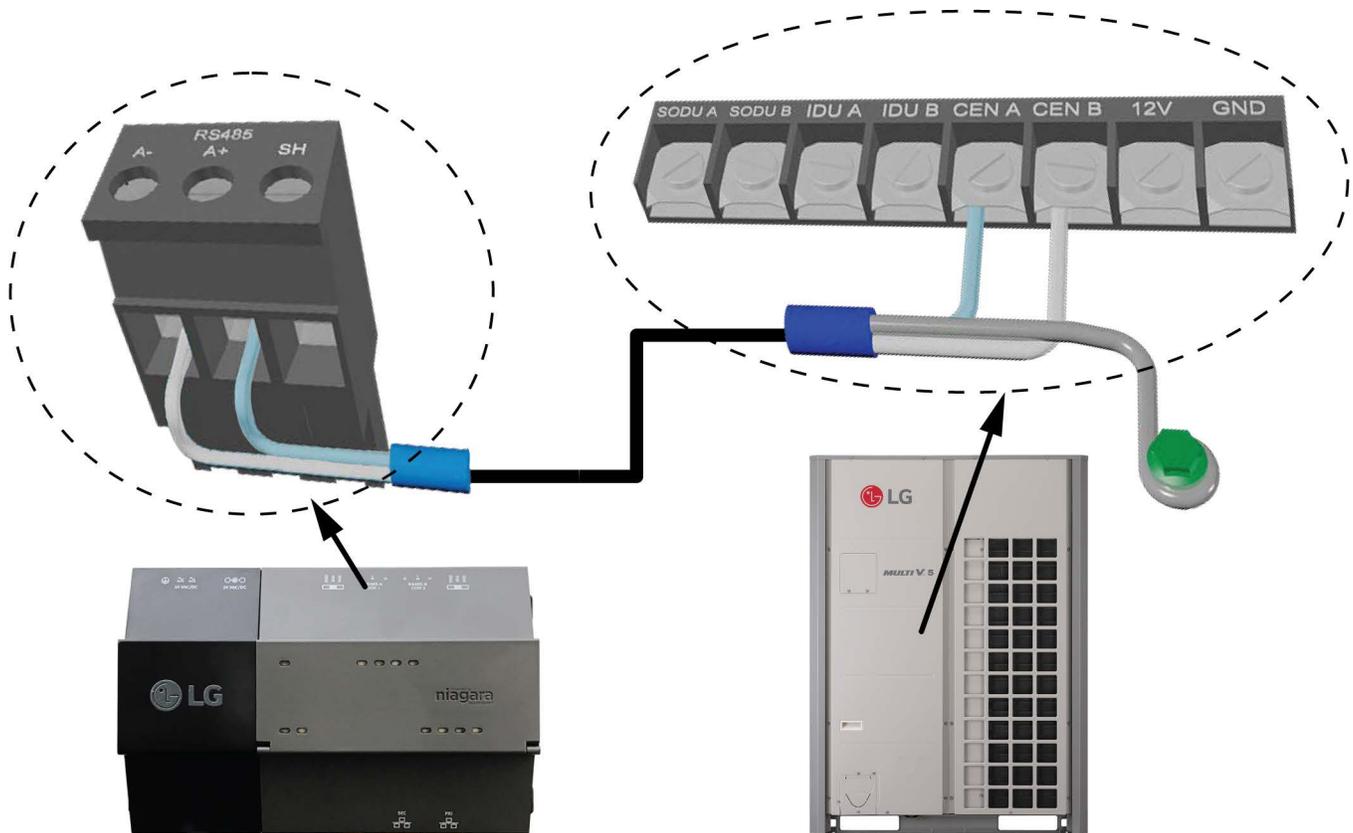
Tag #:

Date:

PO No.:



Compatible with (DIN43880) enclosures  
Suitable for mounting to a panel or to an EN50022 standard 35mm rail



**Notes:**

Available functions/features may differ based on the connected system.

For continual product development, LG reserves the right to change specifications without notice.

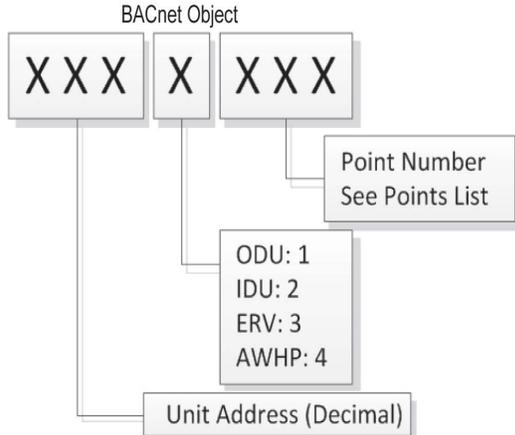
**PBACNBTR0A**  
**LG MultiSITE™ Communications Manager**



**Tag #:** \_\_\_\_\_  
**Date:** \_\_\_\_\_  
**PO No.:** \_\_\_\_\_

**Note that BACnet Object ID's are in decimal and are specific to unit type:**

- ODU Master - xxx1001 - xxx1045                      IDU - xxx2001 - xxx2054
- ODU Slave 1 - xxx1101 - xxx1145                      ERV - xxx3001 - xxx3015
- ODU Slave 2 - xxx1201 - xxx1245                      AWHP - xxx4001 - xxx4021
- ODU Slave 3 - xxx1301 - xxx1345



**Niagra Points:** NP = Numeric Point  
 EP = Enum Point  
 BP = Boolean Point

**BACnet Objects:** AI = Analog Input  
 BI = Binary Input  
 BO = Binary Output  
 MI = Multistate Input  
 MO = Multistate Output

*Note: ODU Slave BACnet points are the same as the Master ODU BACnet points.*

*Note: Maximum number of LG Devices for LonWorks export is 40.*

**ODU Master Points**

| Niagara Points Name        | Niagara Points Type | BACnet Objects             |                    |                             | Lon Objects                               |                  |
|----------------------------|---------------------|----------------------------|--------------------|-----------------------------|---|------------------|
|                            |                     | BACnet Object Name         | BACnet Object Type | BACnet Object ID in Decimal | SNVT Name                                 | SNVT Type        |
| ErrorCode(M)               | NP                  | ErrorCode(M)               | AI                 | xxx1001                     | nvoERROR_[Device Name]                    | SNVT_count       |
| RefrigentType(M)           | EP                  | RefrigentType(M)           | MI                 | xxx1002                     | nvoRefrigerantType_[Device Name]          | SNVT_count       |
| ODUTypeUpperDigit(M)       | EP                  | ODUTypeUpperDigit(M)       | MI                 | xxx1003                     | nvoODUTypeUpperdigit_[Device Name]        | SNVT_count       |
| ODUTypeLowerDigit(M)       | EP                  | ODUTypeLowerDigit(M)       | MI                 | xxx1004                     | nvoODUTypeLowerdigit_[Device Name]        | SNVT_count       |
| SlaveUnitQuantity(M)       | NP                  | SlaveUnitQuantity(M)       | AI                 | xxx1005                     | nvoSlaveUnitQuantity_[Device Name]        | SNVT_count_f     |
| UnitHasError(M)            | NP                  | UnitHasError(M)            | AI                 | xxx1006                     | nvoUnithaserror_[Device Name]             | SNVT_switch      |
| OduOperationMode(M)        | EP                  | OduOperationMode(M)        | MI                 | xxx1007                     | nvoOduOperationMode_[Device Name]         | SNVT_count_f     |
| Inv1CompFrequency(M)       | NP                  | Inv1CompFrequency(M)       | AI                 | xxx1008                     | nvoInv1CompCurrentFrequency_[Device Name] | SNVT_count_f     |
| Inv2CompFrequency(M)       | NP                  | Inv2CompFrequency(M)       | AI                 | xxx1009                     | nvoInv2CompCurrentFrequency_[Device Name] | SNVT_count_f     |
| CurrentFan1Frequency(M)    | NP                  | CurrentFan1Frequency (M)   | AI                 | xxx1010                     | nvoCurrentFan1Frequency_[Device Name]     | SNVT_count_f     |
| CurrentFan2Frequency(M)    | NP                  | CurrentFan2Frequency (M)   | AI                 | xxx1011                     | nvoCurrentFan2Frequency_[Device Name]     | SNVT_count_f     |
| OutsideTemp(M)             | NP                  | OutsideTemp(M)             | AI                 | xxx1012                     | nvoOutsideTemp_[Device Name]              | SNVT_count_inc_f |
| CurrentHighPressure(M)     | NP                  | CurrentHighPressure(M)     | AI                 | xxx1013                     | nvoCurrentHighPressure_[Device Name]      | SNVT_count_f     |
| CurrentLowPressure(M)      | NP                  | CurrentLowPressure(M)      | AI                 | xxx1014                     | nvoCurrentLowPressure_[Device Name]       | SNVT_count_f     |
| SuctionTemp(M)             | NP                  | SuctionTemp(M)             | AI                 | xxx1015                     | nvoSuctionTemp_[Device Name]              | SNVT_count_inc_f |
| Inverter1DischargeTemp (M) | NP                  | Inverter1DischargeTemp (M) | AI                 | xxx1016                     | nvoInv1DischargeTemp_[Device Name]        | SNVT_count_inc_f |
| Inverter2DischargeTemp (M) | NP                  | Inverter2DischargeTemp (M) | AI                 | xxx1017                     | nvoInv2DischargeTemp_[Device Name]        | SNVT_count_inc_f |

**Notes:**

Available functions/features may differ based on the connected system.

**PBACNBTR0A**  
**LG MultiSITE™ Communications Manager**



**Tag #:** \_\_\_\_\_  
**Date:** \_\_\_\_\_  
**PO No.:** \_\_\_\_\_

**ODU Master Points - continued**

| Niagara Points Name         | Niagara Points Type | BACnet Objects              |                    |                             | Lon Objects                            |                  |
|-----------------------------|---------------------|-----------------------------|--------------------|-----------------------------|--|------------------|
|                             |                     | BACnet Object Name          | BACnet Object Type | BACnet Object ID in Decimal | SNVT Name                              | SNVT Type        |
| Std1DischargeTemp(M)        | NP                  | Std1DischargeTemp(M)        | AI                 | xxx1018                     | nvoStd1DischargeTemp_[Device Name]     | SNVT_count_inc_f |
| Std2DischargeTemp(M)        | NP                  | Std2DischargeTemp(M)        | AI                 | xxx1019                     | nvoStd2DischargeTemp_[Device Name]     | SNVT_count_inc_f |
| LiquidPipeTemp(M)           | NP                  | LiquidPipeTemp(M)           | AI                 | xxx1020                     | nvoLiquidPipeTemp_[Device Name]        | SNVT_count_inc_f |
| HeatExchangeTemp(M)         | NP                  | HeatExchangeTemp(M)         | AI                 | xxx1021                     | nvoHeatExchangeTemp_[Device Name]      | SNVT_count_inc_f |
| HeatExchangeUpperTemp(M)    | NP                  | HeatExchangeUpperTemp(M)    | AI                 | xxx1022                     | nvoHeatExchangeUpperTemp_[Device Name] | SNVT_count_inc_f |
| HeatExchangeLowerTemp(M)    | NP                  | HeatExchangeLowerTemp(M)    | AI                 | xxx1023                     | nvoHeatExchangeLowerTemp_[Device Name] | SNVT_count_inc_f |
| SubCoolPipeInTemp(M)        | NP                  | SubCoolPipeInTemp(M)        | AI                 | xxx1024                     | nvoSubCoolPipeInTemp_[Device Name]     | SNVT_count_inc_f |
| SubCoolPipeOutTemp(M)       | NP                  | SubCoolPipeOutTemp(M)       | AI                 | xxx1025                     | nvoSubCoolPipeOutTemp_[Device Name]    | SNVT_count_inc_f |
| Main1EevPulse(M)            | NP                  | Main1EevPulse(M)            | AI                 | xxx1026                     | nvoMainEev1Position_[Device Name]      | SNVT_count_f     |
| Main2EevPulse(M)            | NP                  | Main2EevPulse(M)            | AI                 | xxx1027                     | nvoMainEev2Position_[Device Name]      | SNVT_count_f     |
| SubEevPulse(M)              | NP                  | SubEevPulse(M)              | AI                 | xxx1028                     | nvoSubEevPosition_[Device Name]        | SNVT_count_f     |
| SubCoolEevPulse(M)          | NP                  | SubCoolEevPulse(M)          | AI                 | xxx1029                     | nvoSubCoolEevPosition_[Device Name]    | SNVT_count_f     |
| OilEqEev(M)                 | NP                  | OilEqEev(M)                 | AI                 | xxx1030                     | nvoOilEqEev_[Device Name]              | SNVT_count_f     |
| ViEev1(M) [Vapor Injection] | NP                  | ViEev1(M) [Vapor Injection] | AI                 | xxx1031                     | nvoVaporInjectionEEV1_[Device Name]    | SNVT_count_f     |
| ViEev2(M) [Vapor Injection] | NP                  | ViEev2(M) [Vapor Injection] | AI                 | xxx1032                     | nvoVaporInjectionEEV2_[Device Name]    | SNVT_count_f     |
| ConnectedIduNumber(M)       | NP                  | ConnectedIduNumber(M)       | AI                 | xxx1033                     | nvoIDUQuantity_[Device Name]           | SNVT_count_f     |
| OduCapacity(M)              | NP                  | OduCapacity(M)              | AI                 | xxx1034                     | nvoOduCapacity_[Device Name]           | SNVT_count_f     |
| ControlStep(M)              | NP                  | ControlStep(M)              | AI                 | xxx1035                     | nvoControlStep_[Device Name]           | SNVT_count_f     |
| Inv2Capacity(M)             | EP                  | Inv2Capacity(M)             | MI                 | xxx1036                     | nvoInv2Capacity_[Device Name]          | SNVT_count       |
| Inv1Heater(M)               | BP                  | Inv1Heater(M)               | BI                 | xxx1037                     | nvoInv1Heater_[Device Name]            | SNVT_switch      |
| Inv2Heater(M)               | BP                  | Inv2Heater(M)               | BI                 | xxx1038                     | nvoInv2Heater_[Device Name]            | SNVT_switch      |
| Inv1OilSensor(M)            | BP                  | Inv1OilSensor(M)            | BI                 | xxx1039                     | nvoInv1OilSensor_[Device Name]         | SNVT_switch      |
| Inv2OilSensor(M)            | BP                  | Inv2OilSensor(M)            | BI                 | xxx1040                     | nvoInv2OilSensor_[Device Name]         | SNVT_switch      |
| CompressorQuantity(M)       | NP                  | CompressorQuantity(M)       | AI                 | xxx1041                     | nvoCompQuantity_[Device Name]          | SNVT_count_f     |
| Inv1Backup(M)               | BP                  | Inv1Backup(M)               | BI                 | xxx1042                     | nvoInv1Backup_[Device Name]            | SNVT_switch      |
| Inv2Backup(M)               | BP                  | Inv2Backup(M)               | BI                 | xxx1043                     | nvoInv2Backup_[Device Name]            | SNVT_switch      |
| Inv1Capacity(M)             | EP                  | Inv1Capacity(M)             | MI                 | xxx1044                     | nvoInv1Capacity_[Device Name]          | SNVT_count       |
| Ddc(M)                      | BP                  | Ddc(M)                      | BI                 | xxx1045                     |  |                  |

**Notes:**

Available functions/features may differ based on the connected system.

For continual product development, LG reserves the right to change specifications without notice.



## IDU Points

| Niagara Points Name                | Niagara Points Type | BACnet Objects                     |                    |                             | Lon Objects                        |                  |
|------------------------------------|---------------------|------------------------------------|--------------------|-----------------------------|------------------------------------|------------------|
|                                    |                     | BACnet Object Name                 | BACnet Object Type | BACnet Object ID in Decimal | SNVT Name                          | SNVT Type        |
| ErrorCode(M)                       | BP                  | ErrorCode(M)                       | AI                 | xxx2001                     | nvoERROR_[Device Name]             | SNVT_count       |
| LockSetting(M)                     | BP                  | LockSetting(M)                     | BI                 | xxx2002                     | nvoLock_[Device Name]              | SNVT_switch      |
| LockSetting(C)                     | BP                  | LockSetting(C)                     | BO                 | xxx2003                     | nviLock_[Device Name]              | SNVT_switch      |
| OperationSetting(M)                | BP                  | OperationSetting(M)                | BI                 | xxx2004                     | nvoOperation_[Device Name]         | SNVT_switch      |
| OperationSetting(C)                | EP                  | OperationSetting(C)                | BO                 | xxx2005                     | nviOperation_[Device Name]         | SNVT_switch      |
| FilterSign(M)                      | EP                  | FilterSign(M)                      | BI                 | xxx2006                     | nvoFilterSign_[Device Name]        | SNVT_switch      |
| FanSpeedSetting(M)                 | BP                  | FanSpeedSetting(M)                 | MI                 | xxx2007                     | nvoFanSpeed_[Device Name]          | SNVT_count       |
| FanSpeedSetting(C)                 | BP                  | FanSpeedSetting(C)                 | MO                 | xxx2008                     | nviFanSpeed_[Device Name]          | SNVT_count       |
| SwingSetting(M)                    | EP                  | SwingSetting(M)                    | BI                 | xxx2009                     | nvoSwing_[Device Name]             | SNVT_switch      |
| SwingSetting(C)                    | EP                  | SwingSetting(C)                    | BO                 | xxx2010                     | nviSwing_[Device Name]             | SNVT_switch      |
| ModeSetting(M)                     | NP                  | ModeSetting(M)                     | MI                 | xxx2011                     | nvoMode_[Device Name]              | SNVT_count       |
| ModeSetting(C)                     | NP                  | ModeSetting(C)                     | MO                 | xxx2012                     | nviMode_[Device Name]              | SNVT_count       |
| SetPointSetting(M)                 | NP                  | SetPointSetting(M)                 | AI                 | xxx2013                     | nvoSetPoint_[Device Name]          | SNVT_count_inc_f |
| SetPointSetting(C)                 | NP                  | SetPointSetting(C)                 | AV                 | xxx2014                     | nviSetPoint_[Device Name]          | SNVT_count_inc_f |
| RoomTemperature(M)                 | BP                  | RoomTemperature(M)                 | AI                 | xxx2015                     | nvoRoomTemp_[Device Name]          | SNVT_count_inc_f |
| PipeInTemperature(M)               | BP                  | PipeInTemperature(M)               | AI                 | xxx2016                     | nvoPipeInTemp_[Device Name]        | SNVT_count_inc_f |
| PipeOutTemperature(M)              | NP                  | PipeOutTemperature(M)              | AI                 | xxx2017                     | nvoPipeOutTemp_[Device Name]       | SNVT_count_inc_f |
| IduAddressLockSetting(M)           | BP                  | IduAddressLockSetting(M)           | BI                 | xxx2018                     | nvoIDUAddressLock_[Device Name]    | SNVT_switch      |
| IduAddressLockSetting(C)           | BP                  | IduAddressLockSetting(C)           | BO                 | xxx2019                     | nviIDUAddressLock_[Device Name]    | SNVT_switch      |
| ModeLockSetting(M)                 | BP                  | ModeLockSetting(M)                 | BI                 | xxx2020                     | nvoModeLock_[Device Name]          | SNVT_switch      |
| ModeLockSetting(C)                 | BP                  | ModeLockSetting(C)                 | BO                 | xxx2021                     | nviModeLock_[Device Name]          | SNVT_switch      |
| FanLockSetting(M)                  | BP                  | FanLockSetting(M)                  | BI                 | xxx2022                     | nvoFanLock_[Device Name]           | SNVT_switch      |
| FanLockSetting(C)                  | BP                  | FanLockSetting(C)                  | BO                 | xxx2023                     | nviFanLock_[Device Name]           | SNVT_switch      |
| TemperatureLockStatus(M)           | BP                  | TemperatureLockStatus(M)           | BI                 | xxx2024                     | nvoTempLock_[Device Name]          | SNVT_switch      |
| TemperatureLockStatus(C)           | BP                  | TemperatureLockStatus(C)           | BO                 | xxx2025                     | nviTempLock_[Device Name]          | SNVT_switch      |
| LowerSetTemperatureRangeSetting(M) | NP                  | LowerSetTemperatureRangeSetting(M) | AI                 | xxx2026                     | nvoLowerSetTempRange_[Device Name] | SNVT_count_inc_f |
| LowerSetTemperatureRangeSetting(C) | NP                  | LowerSetTemperatureRangeSetting(C) | AV                 | xxx2027                     | nviLowerSetTempRange_[Device Name] | SNVT_count_inc_f |

## Notes:

Available functions/features may differ based on the connected system.

For continual product development, LG reserves the right to change specifications without notice.



**IDU Points - continued**

| Niagara Points Name                 | Niagara Points Type | BACnet Objects                      |                    |                             | Lon Objects                         |                  |
|-------------------------------------|---------------------|-------------------------------------|--------------------|-----------------------------|-------------------------------------|------------------|
|                                     |                     | BACnet Object Name                  | BACnet Object Type | BACnet Object ID in Decimal | SNVT Name                           | SNVT Type        |
| UpperSetTemperatureRangeSetting(M)  | NP                  | UpperSetTemperatureRangeSetting(M)  | AI                 | xxx2028                     | nvoUpperSetTempRange_[Device Name]  | SNVT_count_inc_f |
| UpperSetTemperatureRangeSetting(C)  | NP                  | UpperSetTemperatureRangeSetting(C)  | AV                 | xxx2029                     | nviUpperSetTempRange_[Device Name]  | SNVT_count_inc_f |
| Pt2SetAutoSupportSetting(M)         | BP                  | Pt2SetAutoSupportSetting(M)         | BI                 | xxx2030                     | nvo2SetAuto_[Device Name]           | SNVT_switch      |
| CoolTemperatureUpperRangeSetting(M) | NP                  | CoolTemperatureUpperRangeSetting(M) | AI                 | xxx2031                     | nvoCoolUpperTemp_[Device Name]      | SNVT_count_inc_f |
| CoolTemperatureUpperRangeSetting(C) | NP                  | CoolTemperatureUpperRangeSetting(C) | AV                 | xxx2032                     | nviCoolUpperTemp_[Device Name]      | SNVT_count_inc_f |
| CoolTemperatureLowerRangeSetting(M) | NP                  | CoolTemperatureLowerRangeSetting(M) | AI                 | xxx2033                     | nvoCoolLowerTemp_[Device Name]      | SNVT_count_inc_f |
| CoolTemperatureLowerRangeSetting(C) | NP                  | CoolTemperatureLowerRangeSetting(C) | AV                 | xxx2034                     | nviCoolLowerTemp_[Device Name]      | SNVT_count_inc_f |
| HeatTemperatureUpperRangeSetting(M) | NP                  | HeatTemperatureUpperRangeSetting(M) | AI                 | xxx2035                     | nvoHeatUpperTemp_[Device Name]      | SNVT_count_inc_f |
| HeatTemperatureUpperRangeSetting(C) | NP                  | HeatTemperatureUpperRangeSetting(C) | AV                 | xxx2036                     | nviHeatUpperTemp_[Device Name]      | SNVT_count_inc_f |
| HeatTemperatureLowerRangeSetting(M) | NP                  | HeatTemperatureLowerRangeSetting(M) | AI                 | xxx2037                     | nvoHeatLowerTemp_[Device Name]      | SNVT_count_inc_f |
| HeatTemperatureLowerRangeSetting(C) | NP                  | HeatTemperatureLowerRangeSetting(C) | AV                 | xxx2038                     | nviHeatLowerTemp_[Device Name]      | SNVT_count_inc_f |
| CoolSetTemperatureSetting(M)        | NP                  | CoolSetTemperatureSetting(M)        | AI                 | xxx2039                     | nvoCoolSetTemp_[Device Name]        | SNVT_count_inc_f |
| CoolSetTemperatureSetting(C)        | NP                  | CoolSetTemperatureSetting(C)        | AV                 | xxx2040                     | nviCoolSetTemp_[Device Name]        | SNVT_count_inc_f |
| CoolSetTemperatureSettingUnocc(C)   | NP                  | CoolSetTemperatureSettingUnocc(C)   | AV                 | xxx2041                     | nviCoolSetTempUnocc_[Device Name]   | SNVT_count_inc_f |
| HeatSetTemperatureSetting(M)        | NP                  | HeatSetTemperatureSetting(M)        | AI                 | xxx2042                     | nvoHeatSetTemp_[Device Name]        | SNVT_count_inc_f |
| HeatSetTemperatureSetting(C)        | NP                  | HeatSetTemperatureSetting(C)        | AV                 | xxx2043                     | nviHeatSetTemp_[Device Name]        | SNVT_count_inc_f |
| HeatSetTemperatureSettingUnocc(C)   | NP                  | HeatSetTemperatureSettingUnocc(C)   | AV                 | xxx2044                     | nviHeatSetTempUnocc_[Device Name]   | SNVT_count_inc_f |
| OccupancyModeSetting(M)             | BP                  | OccupancyModeSetting(M)             | BI                 | xxx2045                     | nvoOcc_[Device Name]                | SNVT_switch      |
| OccupancyModeSetting(C)             | BP                  | OccupancyModeSetting(C)             | BO                 | xxx2046                     | nviOcc_[Device Name]                | SNVT_switch      |
| OverrideMode(M)                     | BP                  | OverrideMode(M)                     | BI                 | xxx2047                     | nvoOverride_[Device Name]           | SNVT_switch      |
| OccupancySensorInstalled(M)         | BP                  | OccupancySensorInstalled(M)         | BI                 | xxx2048                     | nvoOccSensorInstalled_[Device Name] | SNVT_switch      |
| OccupancySensorStatus(M)            | BP                  | OccupancySensorStatus(M)            | BI                 | xxx2049                     | nvoOccSensor_[Device Name]          | SNVT_switch      |
| Pt2SetFunctionStatusSetting(M)      | BP                  | Pt2SetFunctionStatusSetting(M)      | BI                 | xxx2050                     | nvo2SetFuncSupport_[Device Name]    | SNVT_switch      |
| ThermoStatus(M)                     | BP                  | ThermoStatus(M)                     | BI                 | xxx2051                     | nvoThermoOnOff_[Device Name]        | SNVT_switch      |
| Deadband (M)                        | NP                  | Deadband (M)                        | AI                 | xxx2052                     | nvoDeadband_[Device Name]           | SNVT_count_inc_f |
| AccumulatedPowerofIDU(M)            | NP                  | AccumulatedPowerofIDU(M)            | AI                 | xxx2053                     | nvoAccumPowerIDU_[Device Name]      | SNVT_count_f     |
| CurrentPowerofIDU(M)                | NP                  | CurrentPowerofIDU(M)                | AI                 | xxx2054                     | nvoCurrentPowerIDU_[Device Name]    | SNVT_count_f     |

**Notes:**

Available functions/features may differ based on the connected system.

For continual product development, LG reserves the right to change specifications without notice.

PBACNBTR0A

LG MultiSITE™ Communications Manager



Tag #:

Date:

PO No.:

## ERV Points

| Niagara Points Name      | Niagara Points Type | BACnet Objects           |                    |                             | Lon Objects                 |                  |
|--------------------------|---------------------|--------------------------|--------------------|-----------------------------|-----------------------------|------------------|
|                          |                     | BACnet Object Name       | BACnet Object Type | BACnet Object ID in Decimal | SNVT Name                   | SNVT Type        |
| ErrorCode(M)             | NP                  | ErrorCode(M)             | AI                 | xxx3001                     | nvoERROR_[Device Name]      | SNVT_count       |
| HeaterSetting(M)         | BP                  | HeaterSetting(M)         | BI                 | xxx3002                     | nvoHeater_[Device Name]     | SNVT_switch      |
| HeaterSetting(C )        | BP                  | HeaterSetting(C )        | BO                 | xxx3003                     | nviHeater_[Device Name]     | SNVT_switch      |
| UserMode(M)              | EP                  | UserMode(M)              | MI                 | xxx3004                     | nvoUserMode_[Device Name]   | SNVT_count       |
| UserMode(C )             | EP                  | UserMode(C )             | MO                 | xxx3005                     | nviUserMode_[Device Name]   | SNVT_count       |
| LockSetting(M)           | BP                  | LockSetting(M)           | BI                 | xxx3006                     | nvoLock_[Device Name]       | SNVT_switch      |
| LockSetting(C)           | BP                  | LockSetting(C)           | BO                 | xxx3007                     | nviLock_[Device Name]       | SNVT_switch      |
| OperationSetting(M)      | BP                  | OperationSetting(M)      | BI                 | xxx3008                     | nvoOperation_[Device Name]  | SNVT_switch      |
| OperationSetting(C)      | BP                  | OperationSetting(C)      | BO                 | xxx3009                     | nviOperation_[Device Name]  | SNVT_switch      |
| FilterSign(M)            | BP                  | FilterSign(M)            | BI                 | xxx3010                     | nvoFilterSign_[Device Name] | SNVT_switch      |
| FanSpeedSetting (M)      | EP                  | FanSpeedSetting (M)      | MI                 | xxx3011                     | nvoFanSpeed_[Device Name]   | SNVT_count       |
| FanSpeedSetting (C)      | EP                  | FanSpeedSetting (C)      | MO                 | xxx3012                     | nviFanSpeed_[Device Name]   | SNVT_count       |
| OperationMode Setting(M) | EP                  | OperationMode Setting(M) | MI                 | xxx3013                     | nvoMode_[Device Name]       | SNVT_count       |
| OperationMode Setting(C) | EP                  | OperationMode Setting(C) | MO                 | xxx3014                     | nviMode_[Device Name]       | SNVT_count       |
| RoomTemperature (M)      | NP                  | RoomTemperature (M)      | AI                 | xxx3015                     | nvoRoomTemp_[Device Name]   | SNVT_count_inc_f |

**Notes:**

Available functions/features may differ based on the connected system.

For continual product development, LG reserves the right to change specifications without notice.

PBACNBTR0A

LG MultiSITE™ Communications Manager



Tag #:

Date:

PO No.:

**AWHP Points**

| Niagara Points Name         | Niagara Points Type | BACnet Objects              |                    |                             | Lon Objects                        |                  |
|-----------------------------|---------------------|-----------------------------|--------------------|-----------------------------|------------------------------------|------------------|
|                             |                     | BACnet Object Name          | BACnet Object Type | BACnet Object ID in Decimal | SNVT Name                          | SNVT Type        |
| ErrorCode(M)                | NP                  | ErrorCode(M)                | AI                 | xxx4001                     | nvoERROR_[Device Name]             | SNVT_count       |
| OperationSetting(M)         | BP                  | OperationSetting(M)         | BI                 | xxx4002                     | nvoOperation_[Device Name]         | SNVT_switch      |
| OperationSetting(C)         | BP                  | OperationSetting(C)         | BO                 | xxx4003                     | nviOperation_[Device Name]         | SNVT_switch      |
| Lock(M)                     | BP                  | Lock(M)                     | BI                 | xxx4004                     | nvoLock_[Device Name]              | SNVT_switch      |
| Lock(C)                     | BP                  | Lock(C)                     | BO                 | xxx4005                     | nviLock_[Device Name]              | SNVT_switch      |
| OperationMode Setting(M)    | EP                  | OperationMode Setting(M)    | MI                 | xxx4006                     | nvoOperationMode_[Device Name]     | SNVT_count       |
| OperationMode Setting(C)    | EP                  | OperationMode Setting(C)    | MO                 | xxx4007                     | nviOperationMode_[Device Name]     | SNVT_count       |
| AirWaterSetPoint Setting(M) | NP                  | AirWaterSetPoint Setting(M) | AI                 | xxx4008                     | nvoAirWaterSetPoint_[Device Name]  | SNVT_count_inc_f |
| AirWaterSetPoint Setting(C) | NP                  | AirWaterSetPoint Setting(C) | AV                 | xxx4009                     | nviAirWaterSetPoint_[Device Name]  | SNVT_count_inc_f |
| ControlModeSetting (M)      | BP                  | ControlModeSetting (M)      | BI                 | xxx4010                     | nvoControlMode_[Device Name]       | SNVT_switch      |
| HotWaterOperation Status(M) | BP                  | HotWaterOperation Status(M) | BI                 | xxx4011                     | nvoHotWaterOperation_[Device Name] | SNVT_switch      |
| HotWaterOperation Status(C) | BP                  | HotWaterOperation Status(C) | BO                 | xxx4012                     | nviHotWaterOperation_[Device Name] | SNVT_switch      |
| HotWaterSetPoint Setting(M) | NP                  | HotWaterSetPoint Setting(M) | AI                 | xxx4013                     | nvoHotWaterSetPoint_[Device Name]  | SNVT_count_inc_f |
| HotWaterSetPoint Setting(C) | NP                  | HotWaterSetPoint Setting(C) | AV                 | xxx4014                     | nviHotWaterSetPoint_[Device Name]  | SNVT_count_inc_f |
| RoomTemperature (M)         | NP                  | RoomTemperature (M)         | AI                 | xxx4015                     | nvoRoomTemperature_[Device Name]   | SNVT_count_inc_f |
| WaterInlet Temperature(M)   | NP                  | WaterInlet Temperature(M)   | AI                 | xxx4016                     | nvoWaterInTemp_[Device Name]       | SNVT_count_inc_f |
| WaterOutlet Temperature(M)  | NP                  | WaterOutlet Temperature(M)  | AI                 | xxx4017                     | nvoWaterOutTemp_[Device Name]      | SNVT_count_inc_f |
| HotWaterTank Temperature(M) | NP                  | HotWaterTank Temperature(M) | AI                 | xxx4018                     | nvoHotWaterTankTemp_[Device Name]  | SNVT_count_inc_f |
| SolarSource Temperature(M)  | NP                  | SolarSource Temperature(M)  | AI                 | xxx4019                     | nvoSolarSourceTemp_[Device Name]   | SNVT_count_inc_f |
| Accumulated PowerofIDU(M)   | NP                  | AccumulatedPower ofIDU(M)   | AI                 | xxx4020                     | nvoAccumPowerIDU_[Device Name]     | SNVT_count_f     |
| CurrentPowerofIDU (M)       | NP                  | CurrentPowerofIDU (M)       | AI                 | xxx4021                     | nvoCurrentPowerIDU_[Device Name]   | SNVT_count_f     |

**Notes:**

Available functions/features may differ based on the connected system.

For continual product development, LG reserves the right to change specifications without notice.