**Technical Reference Model  
Austin Energy**

10/01/2015

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| **Area** | **Category** | **Standard** |
| **Application Technology** | | |
| Application and Web Server Software | Application Server Software | WebSphere Application Server (WASND) |
| Web Server Software | Cold Fusion |
| IBM HTTP Server |
| Internet Information Services (IIS) |
| Application Testing Software | Debugging Test Tools | Rational Functional Tester |
| Rational Performance Tester |
| Robot |
| Function Testing Tools | Rational Functional Tester |
| Load and Performance Testing Tools | Rational Performance Tester |
| System Testing Tools |  |
| Unit Testing Tools |  |
| Development Tools | Analysis, Design and Modeling | Unified Modeling Language (UML) |
| Application Development Tools | Cold Fusion |
| Java |
| Notepad++ |
| PL/SQL Developer |
| Requirements Management | Rational Software Architect (RSA) |
| Software Change and Configuration Management Tools | CVS |
| Subversion |
| Web Authoring Tools | Dreamweaver CS6 |
| Websphere Portal |
| Integration Software | Device Integration |  |
| Enterprise Service Bus (ESB) | DataPower |
| WebSphere Process Server |
| Messaging Oriented Middleware (MOM) |  |
| Service Registry |  |
| SOA Governance |  |
| Software Engines | Business Process Management Engines |  |
| Business Rules Engines | FileNet BPM |
| Geographic Information System (GIS) Engines | ArcGIS for Desktop |
| ArcGIS for Server |
| ArcGIS Online |
| ESRI |
| FME |
| Smallworld |
| Search Engines |  |
| **Collaboration and Electronic Workplace** | | |
| Collaboration Software | Computer Based Training (CBT) | Adobe Connect |
| Content Management | Sharepoint |
| WebSphere CM |
| WebSphere Portal |
| Electronic Messaging | Microsoft Exchange |
| Email and Calendaring | Microsoft Outlook |
| Process and Schedule Synchronization | Mobile Workforce Manager |
| Real Time and Team Collaboration | Adobe Connect |
| GoToMeeting |
| Sharepoint |
| Shared Whiteboard | SmartBoard |
| Unified Messaging | SendWordNow |
| Productivity Software | Accounting and Finance | Advantage |
| Case Management | ServiceNow |
| Desktop Publishing |  |
| Enterprise Faxing |  |
| File Manager and Viewer | Adobe Acrobat |
| Graphics Design Software |  |
| Miscellaneous Productivity Tools and Utilities | Snagit |
| Multimedia Software |  |
| Standard Office Suite | MS Office 2010 |
| Surveys | Avaya iSurvey |
| Surveys | Form Stack |
| Web Browsers | Chrome |
| FireFox |
| Front Motion |
| Internet Explorer |
| **Enterprise Architecture** | | |
| Employment | Application |  |
| Framework |  |
| **Information Management Technologies** | | |
| Business Intelligence and Data Warehouse Platforms | Business Intelligence Platforms |  |
| Dashboard/Scorecard Tools | Witness 360 Suite |
| Data Analytics (Statistical Analytics, Prediction, and Modeling) | FocalPoint |
| Data Mining Tools | SQL Navigator |
| Data Warehouses | Oracle |
| SQL Server |
| Geospatial Tools | ArcGIS Desktop |
| Go!Sync 10.2 |
| Milsoft |
| SIAS |
| SmallWorld |
| Tree Trimming |
| Unstructured Data/Natural Language Processing |  |
| Web Reporting Tools | IBM Digital Analytics |
| Data Integration | Data at Rest |  |
| Data in Motion (Common Message Terminology and Semantics) |  |
| Data Synchronization |  |
| Database Replication and Clustering | Oracle Real Applications Cluster (RAC) |
| Extract, Transform, Load (ETL) | InfoSphere |
| Data Management | Columnar DBMS |  |
| Database Connectivity | ODBC/OLE DB |
| Oracle SQL \*Net |
| Oracle SQL Developer |
| Oracle TNS |
| Database Related Management Tools | Oracle |
| Object Oriented DBMS |  |
| Relational DBMS | Oracle |
| SQL Server |
| **Network and Telecommunications** | | |
| End User Computer Devices | Hardened Laptops | Panasonic |
| Mobile Hardware | Android |
| Blackberry |
| iPad |
| iPhone |
| Panasonic |
| Surface Pro |
| Personal Computers (PCs) | Apple Mac/MacBook |
| Dell Workstations/Laptops |
| Transport | Cabling |  |
| Local/Campus Area Network (LAN/CAN) | Cisco |
| Wide Area Network (WAN) |  |
| Wireless and Mobile Networks | Aircards | Verizon |
| Cellular Networks | AT&T |
| Verizon |
| Pagers | USA Mobility |
| Public WiFi | Aruba |
| DeepCoolClear |
| Radio | Motorola |
| Satellite | Gardline Communications |
| Secure WiFi | Cisco WAP |
| **Platforms and Storage** | | |
| Cloud Services/Virtualization | Cloud Technologies | Talent Mgmt System |
| WatchDog |
| Virtualization Software | Citrix Xen Server |
| LPAR |
| SVC |
| VMWare |
| Operating Systems | Desktop/Laptop | Mac OS X |
| Win 7 |
| Mainframe | AIX |
| Mobile Device | Android |
| Blackberry |
| iOS |
| Server | AIX |
| SLES |
| Windows Server |
| Storage | Long Term Back-up | NetApp |
| Operational Recovery |  |
| Production | EMC Networker |
| Hitachi |
| IBM SVC |
| System Management Tools | Logging | Splunk |
| Syslog |
| Network Performance Optimization | Trend |
| Patch Management | Lumension |
| Microsoft SCCM |
| WSUS |
| **System Management** | | |
| Network Infrastructure | Load Balancing and Failover | A10 |
| Network Name and Address | IP |
| Windows DHCP |
| Windows DNS |
|  |
| Switching and Routing | Cisco |
| System Management Tools | Alert Management | Hobbit |
| Application Management |  |
| Asset Management and Work Order | Maximo |
| Data Center Automation Software | Control-M |
| Cronacle |
| Flux |
| Disaster Recovery | Sungard LDRPS |
| Monitoring | Change Auditor |
| SNMP |
| Splunk |
| Swatch |
| Wily/CEM |
| Xymon/Hobbit |
| Remote Desktop Management | Dameware |
| MS RDP |
| System Change and Configuration Management | Microsoft SCCM |