Liberty Utilities
Final IT Migration Plan
August 2012

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1. Introduction

The Liberty Utilities ("Liberty") <u>Information Technology ("IT") Migration Plan</u> is a companion document to the IT Plan and serves as the governing instrument for the transfer of all IT services, systems, software and support National Grid employs on behalf of Granite State Electric and EnergyNorth. The IT Migration Plan contains Liberty's <u>detailed</u> (a) schedules for each application transfer, (b) comprehensive test plans and schedules for each application transfer, (c) roles and responsibilities of National Grid, Liberty and Liberty's suppliers and providers, (d) a change management process to govern all modifications to the application software set, the provisioning methods, the selected suppliers and providers and (e) an issues management/remediation process to resolve differences between the involved parties. Since the IT Migration plan requires the completion of detailed scoping for all projects, it is intended that the IT Migration plan will be updated by August 1, 2012.

The IT Plan and IT Migration Plan should be read together and shall be interpreted collectively. In other words, while the IT Plan provides the overarching principles, processes, and guidelines for Liberty's IT infrastructure, the IT Migration Plan provides the specific project level detail for the New Hampshire transition.

2. IT Migration Plan Methodology

The IT Migration Plan was developed within the framework of Liberty's transition management process, which is outlined in section 4.6 of the IT Plan. The process began with the development of a Summary Migration Plan (see Figure 1) jointly created by the Liberty IT Team, National Grid IT Team and the TMO (Transition Management Office) with input from the various Business Leads. This summary plan was then used to develop specific IT Application Planning Templates (see Appendix A), which are used to guide the IT migration strategy approach. These templates serve as a starting point in the planning process for identifying areas requiring more detailed planning and monitoring. The Application Templates then inform the IT Migration Plan on the transfer of all IT services, systems, software and support. It should be noted that the Migration Plan, which will ultimately include detailed scopes and test plans, will be updated as projects are scoped in their entirety (approximately August 1, 2012).

Figure 1 –Summary Migration Plan

Task Name	% Complete	Duration	Start	Finish
– New Hampshire IT Migration Plan	15%	699 days	Tue 3/1/11	Fri 11/1/13
+ Technology Selection Process	100%	34 days	Wed 6/1/11	Mon 7/18/11
+ Workshops	100%	26 days	Mon 1/16/12	Mon 2/20/12
+ Governance Committee	40%	699 days	Tue 3/1/11	Fri 11/1/13
+ IT Steering Committee	25%	524 days	Tue 11/1/11	Fri 11/1/13
+ Staffing	91%	206 days	Mon 7/4/11	Mon 4/16/12
– IT Application Implementation	9%	575 days	Mon 8/22/11	Fri 11/1/13
+ Finance (ERP)	91%	160 days	Mon 8/22/11	Fri 3/30/12
+ Work Management (ERP)	0%	325 days	Mon 4/2/12	Fri 6/28/13
+ EHSS	28%	43 days	Wed 2/1/12	Fri 3/30/12
+ Engineering & Operations	6%	326 days	Wed 2/1/12	Wed 5/1/13
+ Meter to Cash	1%	437 days	Thu 3/1/12	Fri 11/1/13
+ Regulatory	55%	43 days	Wed 2/1/12	Fri 3/30/12
+ Network & Infrastructure	76%	197 days	Tue 11/1/11	Wed 8/1/12

The section below describes Liberty's IT Migration planning methodology and adds further details on its components.

The goal of the application transfer process is to ensure that applications are transferred to Liberty from National Grid in a seamless manner with minimal customer and user disruption.

Liberty follows the System Development Life Cycle (SDLC) framework for all application implementations. This framework provides a sequence of activities for system implementers to follow. It consists of a set of steps or phases in which each phase of the SDLC uses the outputs of the previous phase as its inputs and is often referred to as the waterfall approach.

The SDLC adheres to important essential phases, such as requirements analysis, design, configuration, data conversion, training, testing and implementation. These phases can be characterized as follows:

> ➢ Requirements

   Requirements analysis is critical to the success of the system implementation. The process looks at those tasks that go into determining the needs or conditions of all stakeholders to be met by the new application. The Requirements are documented, actionable,

measurable, testable, traceable, related to identified business needs or opportunities, and defined to a level of detail sufficient for system design.

➢ Design

The focus of the design phase is on how to deliver the required functionality of the system. It should describe the desired features and operations in detail, including screen layouts, business rules, process diagrams, and other documentation where appropriate. The output of this stage will describe the new systems as a collection of modules or subsystems. The design stage takes as its initial input the requirements identified in the approved requirements document. For each requirement, a set of one or more design elements will be produced as a result of interviews and/or workshops.

➢ Configuration

The configuration phase converts the design into a complete information system. Tools are used within the application to set up and configure business data, views, roles, security, and establish rules and business processes.

➢ Data conversion (where appropriate)

Data conversion involves exporting data from one system, mapping and transforming it and importing it into another system. The objective is to maintain all of the data, and as much of the embedded information as possible.

➢ Training

In order to have successful user acceptance testing, end users must be trained on the functions of the system prior to testing. Each user is required to understand and execute the steps required to perform the necessary transactions to perform their job.

➢ Testing

Testing brings all the pieces together into a specific testing environment, then checks for errors, bugs and interoperability. The end result of testing demonstrates that the configured system conforms to the requirements as specified. Testing is executed by quality assurance staff and end users.

➢ Implementation

Deployment of the application into a production environment for final use by the user community is the final phase.

Each of these steps is undertaken for all of the IT implementations related to Granite State and EnergyNorth. Liberty's detailed planning process for the New Hampshire IT Migration also addresses the following areas:

➢ Technology Selection Process

The technology selection process involves accessing and taking an inventory of the IT systems used by National Grid and Liberty. Where gaps exist, potential vendors are identified and the vendor selection process is followed. The inventory of National Grid applications (see Appendix F) was used to ensure that all existing functionality was addresses in Liberty's Application Architecture.

➢ Workshops

Joint workshops were attended by National Grid and Liberty to develop the summary plan. The workshops identify the approach both IT and functional business teams will use for later detailed planning.

➢ Committee Establishment

The Transition Governance and IT Steering committees are established with individuals appointed and recurring meetings arranged.

➢ Staffing Requirements

Staffing involves the development of an IT organization chart and the recruitment and hiring of required resources.

The IT Migration Plan for New Hampshire encompasses the above mentioned phases. The plan has responsibility assigned and progress is tracked to each task. Through monitoring of the plan risks can be identified and actions taken, to ensure a successful migration is achieved.

3. Testing Approach

A critical component of the IT Migration Plan is testing. Liberty's approach to testing is to establish comprehensive test plans and schedules for each application transfer that will ensure end-user and customer satisfaction, as well as eliminating business interruption during and after application implementation.

Testing constitutes several distinct phases. The testing phase of the migration plan is initiated with the development and documentation of an overall *test strategy*. The test strategy outlines the scope of the test, roles and responsibilities of participants, standards and processes to follow, timelines, test scenarios and a reporting process to acquire final approval and sign off to proceed. The end result of the test strategy is a set of detailed testing scripts/cases created that address each requirement from the project, such as the sample test script provided in Appendix C. All tests scripts are logged on the test control sheet (see Appendix B). The test control sheet acts as a monitoring tool to evaluate the progress of testing. Through testing and verifying each requirement, confidence can be achieved that all needs of the application are met and functioning as desired.

The second phase of testing consists of generating *test cycles*. Through several cycles of testing, problems are identified, corrected and re-tested through the rigorous testing cycles. As many as four cycles may be performed with each cycle increasing in duration. This method of testing reduces the overall time to bring an application migration to implementation readiness.

The final phase of testing entails *user acceptance testing* (UAT). UAT enables the actual end-users/customers to use documented test scenarios and their own testing to facilitate the implementation approvals of the application. Only after business approval has been received can an application proceed to production.

In following with the SDLC process adopted by Liberty, once all of the business requirements have been identified and documented, the test plans can be created for each IT application implementation. The detailed IT Migration Plans allows for time to develop the testing strategy and create the necessary test scripts.

4. Roles and Responsibilities

In order to ensure a smooth transition, Liberty has established a comprehensive Governance Approach that is used for managing all new acquisitions. Oversight of IT projects falls within this overall Governance Structure, a summary of which is depicted in Figure 2 below. The Granite State and Energy North structure is depicted below, and involves the following key elements:

4.1 Transition Steering Committee

This Committee is made up of Senior Executives from Liberty and National Grid. It meets bi-weekly to review progress and resolve issues (if any) that cannot be resolved at lower levels in the organization. They have ultimate accountability for all aspects of the transaction.

4.2   Transition Governance Group

This Committee is comprised of David Pasieka (President, Liberty Utilities), Tim Horan (Regional President, National Grid), Victor Del Vecchio (President, Liberty Utilities New Hampshire), Bob Wood (Transition Executive, Liberty Utilities), Madalyn Hanley (IT Transition Executive, National Grid), Dan Saad (Vice President Operations, Liberty Utilities New Hampshire) and Scott Campbell (Program Manager).

This committee meets on a bi-weekly basis. They review project status, progress, issues and risks and they are responsible for resolving issues and securing resources that cannot be resolved by the various project teams.

4.3   Transition Management Office

The Transition Management Office (TMO) oversees the transition and integration of all new Liberty acquisitions. This group works with the functional leads from Liberty and the selling organizations to ensure that each acquisition is transitioned in a smooth and seamless way. The group is responsible for ensuring that each transition is properly planned, that progress is monitored and that issues and risks are identified and resolved in a timely manner. In the case of the New Hampshire transition, a full time Program Manager has been assigned to support the various teams and committees. The TMO supports the broader organization in developing appropriate plans. They also collect and summarize weekly status reports, identify risks and issues, conduct 'readiness assessments' and provide reports to the Governance and Steering Committees. The Governance Model and Project Management approach established by this group has been applied to both the Day 1 planning process, the Day N planning process and the IT planning process.

4.4   IT Steering Committee

The IT Steering Committee is responsible for implementing the IT Applications and Infrastructure Plans. The Committee is made up of IT Executives and Senior Managers from both Liberty and National Grid. These individuals control the resources and operations required to implement the IT plan or have the authority to secure additional resources that may be required during the lifecycle of their projects. The Liberty members of this group have management responsibilities for running Liberty's IT operation. The National Grid representatives have been dedicated by National Grid to support the IT Transition and work with Liberty to ensure that the IT projects are properly planned, staffed and executed. The TMO has assigned a resource to support this committee and to ensure proper reporting of progress, issues and risks to the Transition Governance Group.

4.5   Functional Team Leads

The Functional Team Leads are local Executives and Senior Managers who are responsible for running the New Hampshire operations once the transaction closes. These managers have designated counterparts at National Grid who are responsible for delivering Transition Services

under the TSA's and who are accountable to support the Liberty Utilities New Hampshire Team as they implement the Day 'N' plans. Figure 2 below

4.6 IT Transition Executive, National Grid

This position is held by Madalyn Hanley. Her responsibilities include: contributing to the development of the transition plans; managing the National Grid IT Resources assigned to the transition; securing additional National Grid IT resources (if needed); working with National Grid Business Leaders to ensure they are delivering the appropriate TSA services. Madalyn chairs the IT Steering Committee and is a member of the Transition Governance Group and reports to the Transition Steering Committee as required.

4.7 Director IT, Liberty Utilities

This position is held by David Carleton. He is responsible for developing Liberty's IT Strategy; setting IT standards and policies; managing the Liberty IT Group; managing Liberty's IT Vendors. David is a member of the IT Steering Committee.

4.8 Program Manager, Liberty Utilities

This position is held by Scott Campbell. He is responsible for assisting all project teams and Team Leads who are working on the New Hampshire Transition, and he is responsible for monitoring and reporting the progress on all plans. He coordinates and supports the various Governance and Steering Committees and plays a key role in assessing project readiness.

4.9 Project Manager(s)

There are several Project Managers involved with the IT Migration; each assigned to a major IT Project. Project Managers are responsible for developing their project plans; completing weekly status reports; managing the activities of their teams and managing the activities of any vendors involved in their project. They are accountable for all project deliverables from their team and they are jointly responsible with their project sponsor for project success.

Figure 2 - Transition Governance Committee Structure
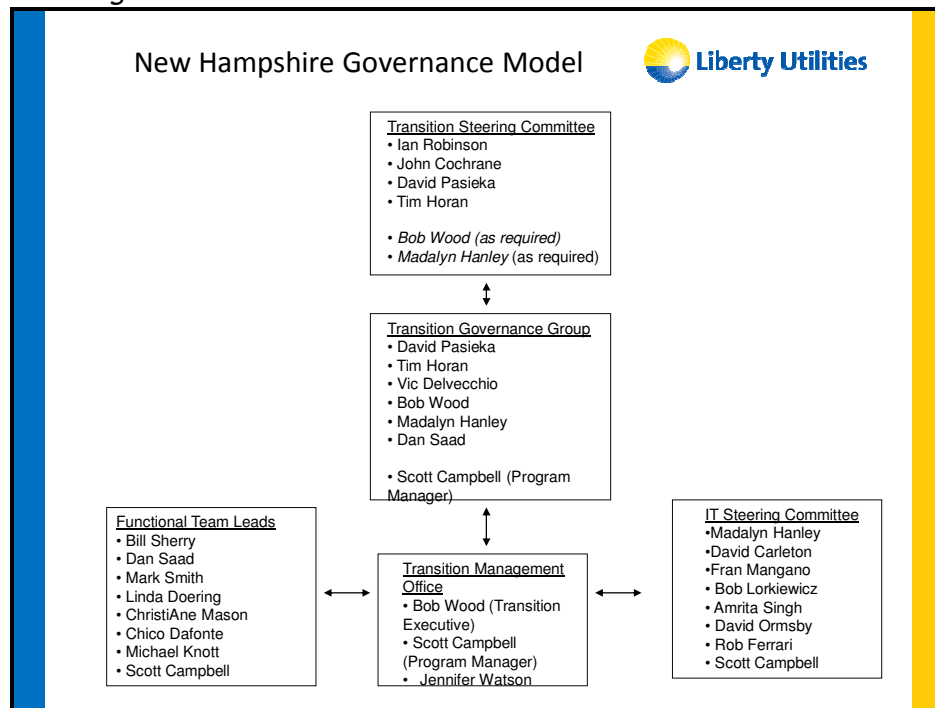
5. Change Management

The change management process governs all modifications to the original IT Migration plan as it relates to scope, vendors, resources, timelines, and cost. It is important that changes are executed in a controlled manner in order to mitigate risk and maintain a repository of knowledge about the current status of the project and its elements. Change management serves to minimize the occurrence of unintended affects.

Potential changes to the original plan should first be identified through the project status reporting mechanism. Here the potential change should be described and include the impact to all affected areas of the project. Following that, when the project manager deems one of the above mentioned changes is required, a project change request is completed and submitted to the TMO (see Appendix D).

The change request form outlines the details of the change, the reason for such change and the impact to the project and related functional areas. The TMO reviews the change for completeness and submits the change during the weekly IT Steering Committee meeting. The appropriate function

business representatives with be invited to such meetings. The change will be described in detail and reviewed by the group. They will assess the benefit and impact of the requested change and once agreement has been established, will be approved and authorization will be granted to proceed with the change. If agreement cannot be established, the change will be escalated up to the Governance Committee for resolution.

6. Issues Management

An issues management/remediation process is in place should issues arise during the course of a project. Issues are first identified by project managers on the project status report. The report must address the following:

- Date issue raised
- Impact
- Severity (H/M/L)
- Correction action
- Owner tasked with resolution
- Date resolution required
- Status

These status reports are submitted to the TMO. The TMO will begin by taking all issues to the weekly IT Steering Committee where they will be debated and an attempt will be made to resolve the issue. If resolution cannot be achieved, the TMO will escalate the issue to the Governance Committee. The means to achieve this is through highlighting all open issues and risks on the bi-weekly governance report (see Appendix E). This report is distributed to the Governance Committee and used as the basis for this team's bi-weekly meeting. Direction given by the Governance Committee will be communicated back down to the team.

7. Detailed IT Migration Plan

The detailed IT Migration plan was developed using Microsoft Project. This tool was used to effectively plan, collaborate and deliver the IT migration. It provides a way to effectively manage a wide range of tasks within the overall project. The view of the IT Migration plan is in Gantt chart format and illustrates the IT Migration project schedule.

The Gantt chart lists the required task to be executed by using descriptive names. The tasks are organized into phases by creating a hierarchy. This is referred to as the work breakdown structure.

This is represented on the Gantt chart as a tree structure with tasks that are similar being shown as indented.

The duration column represents the time required to complete each task. Start and finish dates show the dates during which the task is being worked on. The Gantt chart also shows the dependency relationships between activities. As tasks are worked on the Gantt chart is used to show current schedule status using percentage of completion. Individual task completion as well as overall project status can be determined at any given time.

Each of the above mentioned elements was incorporated into the detailed IT Migration Plan developed below:

IT Migration Plan – New Hampshire

Task Name	% Complete	Duration	Start	Finish
⊟ New Hampshire IT Migration Plan	5%	765 days	Mon 02/05/11	Fri 04/04/14
⊟ Technology Selection Process	100%	34 days	Wed 01/06/11	Mon 18/07/11
Inventory & assess National Grid IT applications	100%	5 days	Wed 01/06/11	Tue 07/06/11
Inventory & assess Liberty Utilities IT applications	100%	5 days	Wed 08/06/11	Tue 14/06/11
Identify gaps in systems	100%	2 days	Wed 15/06/11	Thu 16/06/11
Document IT roadmap	100%	2 days	Fri 17/06/11	Mon 20/06/11
Identify potential vendors where gaps exist	100%	5 days	Tue 21/06/11	Mon 27/06/11
Requirements analysis	100%	10 days	Tue 28/06/11	Mon 11/07/11
Vendor selection	100%	5 days	Tue 12/07/11	Mon 18/07/11
⊟ Workshops	100%	26 days	Mon 16/01/12	Mon 20/02/12
Plan joint IT workshops (NG & LU)	100%	2 days	Mon 16/01/12	Tue 17/01/12
Joint IT workshops (NG & LU)	100%	2 days	Wed 01/02/12	Thu 02/02/12
Follow up from workshop	100%	2 days	Wed 08/02/12	Thu 09/02/12
Documentation of approach	100%	2 days	Fri 10/02/12	Mon 13/02/12
Approval of Approach	100%	5 days	Tue 14/02/12	Mon 20/02/12
⊟ Governance Committee	5%	370 days	Tue 03/07/12	Mon 02/12/13
Monthly Governance Meetings	5%	370 days	Tue 03/07/12	Mon 02/12/13
⊟ IT Transition Steering Committee	2%	370 days	Tue 03/07/12	Mon 02/12/13
Weekly IT Transtion Steering committee meeting	2%	370 days	Tue 03/07/12	Mon 02/12/13
⊟ Staffing	100%	206 days	Mon 04/07/11	Mon 16/04/12
⊟ Develop IT Organization	100%	206 days	Mon 04/07/11	Mon 16/04/12
Draft organization chart with high level processes by role	100%	5 days	Mon 04/07/11	Fri 08/07/11
Determine number of IT staff required	100%	5 days	Mon 11/07/11	Fri 15/07/11
Organization chart is approved	100%	5 days	Mon 18/07/11	Fri 22/07/11
Job descriptions created	100%	10 days	Mon 25/07/11	Fri 05/08/11
HR provides job range/band for each role	100%	10 days	Mon 08/08/11	Fri 19/08/11
⊟ Recruit for IT Employees	100%	117 days	Fri 04/11/11	Mon 16/04/12
⊟ Project Manager - Meter to Cash	100%	27 days	Fri 04/11/11	Mon 12/12/11
Post position	100%	10 days	Fri 04/11/11	Thu 17/11/11
Interview candidate for PM	100%	5 days	Fri 18/11/11	Thu 24/11/11
Hire Project Manager	100%	1 day	Fri 25/11/11	Fri 25/11/11
Determine IT equipment required (laptop, cell phone, licenses)	100%	1 day	Mon 28/11/11	Mon 28/11/11
Document requirements and request from IT department	100%	1 day	Tue 29/11/11	Tue 29/11/11
Receive IT equipment	100%	1 day	Wed 07/12/11	Wed 07/12/11
Candidate begin work	100%	1 day	Mon 12/12/11	Mon 12/12/11

Task Name	% Complete	Duration	Start	Finish
⊟ **Project Manager - Change Management & Service**	**100%**	**27 days**	**Mon 28/11/11**	**Tue 03/01/12**
Post position	100%	10 days	Mon 28/11/11	Fri 09/12/11
Interview candidate for PM	100%	5 days	Mon 12/12/11	Fri 16/12/11
Hire Project Manager	100%	1 day	Mon 19/12/11	Mon 19/12/11
Determine IT equipment required (laptop, cell phone, licenses)	100%	1 day	Tue 20/12/11	Tue 20/12/11
Document requirements and request from IT department	100%	1 day	Wed 21/12/11	Wed 21/12/11
Receive IT equipment	100%	1 day	Thu 29/12/11	Thu 29/12/11
Candidate begin work	100%	1 day	Tue 03/01/12	Tue 03/01/12
⊟ **Quality Assurance Manager**	**100%**	**27 days**	**Fri 09/03/12**	**Mon 16/04/12**
Post position	100%	10 days	Fri 09/03/12	Thu 22/03/12
Interview candidate for QA Manager	100%	5 days	Fri 23/03/12	Thu 29/03/12
Hire QA Manager	100%	1 day	Fri 30/03/12	Fri 30/03/12
Determine IT equipment required (laptop, cell phone, licenses)	100%	1 day	Mon 02/04/12	Mon 02/04/12
Document requirements and request from IT department	100%	1 day	Tue 03/04/12	Tue 03/04/12
Receive IT equipment	100%	1 day	Wed 11/04/12	Wed 11/04/12
Candidate begin work	100%	1 day	Mon 16/04/12	Mon 16/04/12
⊟ **Quality Assurance Analysts**	**100%**	**61 days**	**Mon 23/01/12**	**Mon 16/04/12**
Post positions (2)	100%	10 days	Mon 23/01/12	Fri 03/02/12
Interview candidates for QA	100%	5 days	Mon 06/02/12	Fri 10/02/12
Hire QA (2)	100%	1 day	Mon 13/02/12	Mon 13/02/12
Determine IT equipment required (laptop, cell phone, licenses)	100%	1 day	Tue 14/02/12	Tue 14/02/12
Document requirements and request from IT department	100%	1 day	Wed 15/02/12	Wed 15/02/12
Receive IT equipment	100%	1 day	Thu 23/02/12	Thu 23/02/12
Candidates begin work	100%	1 day	Tue 28/02/12	Tue 28/02/12
Post position (1)	100%	10 days	Fri 09/03/12	Thu 22/03/12
Interview candidates for QA	100%	5 days	Fri 23/03/12	Thu 29/03/12
Hire QA	100%	1 day	Fri 30/03/12	Fri 30/03/12
Determine IT equipment required (laptop, cell phone, licenses)	100%	1 day	Mon 02/04/12	Mon 02/04/12
Document requirements and request from IT department	100%	1 day	Tue 03/04/12	Tue 03/04/12
Receive IT equipment	100%	1 day	Wed 11/04/12	Wed 11/04/12
Candidate begin work	100%	1 day	Mon 16/04/12	Mon 16/04/12
⊟ **Senior Application Analyst - Metering**	**100%**	**27 days**	**Fri 17/02/12**	**Mon 26/03/12**
Post position	100%	10 days	Fri 17/02/12	Thu 01/03/12
Interview candidate for Senior Application Analyst	100%	5 days	Fri 02/03/12	Thu 08/03/12
Hire Senior Application Analyst	100%	1 day	Fri 09/03/12	Fri 09/03/12
Determine IT equipment required (laptop, cell phone, licenses)	100%	1 day	Mon 12/03/12	Mon 12/03/12
Document requirements and request from IT department	100%	1 day	Tue 13/03/12	Tue 13/03/12
Receive IT equipment	100%	1 day	Wed 21/03/12	Wed 21/03/12
Candidate begin work	100%	1 day	Mon 26/03/12	Mon 26/03/12
⊟ **Application Analyst - GIS**	**100%**	**27 days**	**Fri 17/02/12**	**Mon 26/03/12**
Post position	100%	10 days	Fri 17/02/12	Thu 01/03/12
Interview candidate for Application Analyst	100%	5 days	Fri 02/03/12	Thu 08/03/12
Hire Application Analyst	100%	1 day	Fri 09/03/12	Fri 09/03/12
Determine IT equipment required (laptop, cell phone, licenses)	100%	1 day	Mon 12/03/12	Mon 12/03/12
Document requirements and request from IT department	100%	1 day	Tue 13/03/12	Tue 13/03/12
Receive IT equipment	100%	1 day	Wed 21/03/12	Wed 21/03/12
Candidate begin work	100%	1 day	Mon 26/03/12	Mon 26/03/12
⊟ **Database Administrator**	**100%**	**27 days**	**Mon 27/02/12**	**Tue 03/04/12**
Post position	100%	10 days	Mon 27/02/12	Fri 09/03/12
Interview candidate for DBA	100%	5 days	Mon 12/03/12	Fri 16/03/12
Hire DBA	100%	1 day	Mon 19/03/12	Mon 19/03/12
Determine IT equipment required (laptop, cell phone, licenses)	100%	1 day	Tue 20/03/12	Tue 20/03/12
Document requirements and request from IT department	100%	1 day	Wed 21/03/12	Wed 21/03/12
Receive IT equipment	100%	1 day	Thu 29/03/12	Thu 29/03/12
Candidate begin work	100%	1 day	Tue 03/04/12	Tue 03/04/12
⊟ **Project Manager - Engineering & Operations**	**100%**	**27 days**	**Fri 09/03/12**	**Mon 16/04/12**
Post position	100%	10 days	Fri 09/03/12	Thu 22/03/12
Interview candidate for PM	100%	5 days	Fri 23/03/12	Thu 29/03/12
Hire Project Manager	100%	1 day	Fri 30/03/12	Fri 30/03/12
Determine IT equipment required (laptop, cell phone, licenses)	100%	1 day	Mon 02/04/12	Mon 02/04/12
Document requirements and request from IT department	100%	1 day	Tue 03/04/12	Tue 03/04/12
Receive IT equipment	100%	1 day	Wed 11/04/12	Wed 11/04/12
Candidate begin work	100%	1 day	Mon 16/04/12	Mon 16/04/12

Version - August 1, 2012

Task Name	% Complete	Duration	Start	Finish
⊟ IT Application Implementation	100%	161 days	Mon 22/08/11	Mon 02/04/12
⊟ Finance (Great Plains)	100%	161 days	Mon 22/08/11	Mon 02/04/12
⊟ Design & Configure	100%	15 days	Mon 22/08/11	Fri 09/09/11
Inv, POP, SOP	100%	1 day	Mon 22/08/11	Mon 22/08/11
Fixed Assets	100%	1 day	Tue 23/08/11	Tue 23/08/11
WennSoft	100%	2 days	Wed 24/08/11	Thu 25/08/11
Payables Cheque Form	100%	1 day	Fri 26/08/11	Fri 26/08/11
Design Book	100%	2 days	Mon 29/08/11	Tue 30/08/11
Configuration	100%	8 days	Wed 31/08/11	Fri 09/09/11
⊟ Training	100%	115 days	Mon 12/09/11	Fri 17/02/12
Application Walkthrough	100%	5 days	Mon 12/09/11	Fri 16/09/11
Detailed Application Part 1	100%	5 days	Mon 17/10/11	Fri 21/10/11
Detailed Application Part 2	100%	5 days	Mon 07/11/11	Fri 11/11/11
Training Recap - prep for UAT	100%	5 days	Mon 13/02/12	Fri 17/02/12
⊟ Testing	100%	40 days	Thu 27/10/11	Wed 21/12/11
⊟ Test Strategy	100%	22 days	Thu 27/10/11	Fri 25/11/11
Define test strategy	100%	1 day	Thu 27/10/11	Thu 27/10/11
Develop test scripts	100%	5 days	Mon 21/11/11	Fri 25/11/11
⊟ Test Cycles	100%	18 days	Mon 28/11/11	Wed 21/12/11
Cycle 1	100%	3 days	Mon 28/11/11	Wed 30/11/11
Cycle 2	100%	5 days	Mon 12/12/11	Fri 16/12/11
Cycle 2	100%	3 days	Mon 19/12/11	Wed 21/12/11
⊟ Data Conversion	100%	154 days	Tue 30/08/11	Fri 30/03/12
Data Conversion - Upload Chart of Accounts	100%	1 day	Tue 30/08/11	Tue 30/08/11
Templates for data conversion	100%	1 day	Wed 07/09/11	Wed 07/09/11
⊟ Prepare Uploads	100%	115 days	Mon 10/10/11	Fri 16/03/12
Inventory Items	100%	1 day	Mon 10/10/11	Mon 10/10/11
Master Cost	100%	1 day	Mon 10/10/11	Mon 10/10/11
Vendors	100%	1 day	Mon 10/10/11	Mon 10/10/11
Employees	100%	1 day	Mon 10/10/11	Mon 10/10/11
GL Net Changes	100%	1 day	Tue 08/11/11	Tue 08/11/11
Fixed Assets	100%	1 day	Fri 16/03/12	Fri 16/03/12
⊟ Execute Uploads	100%	117 days	Thu 20/10/11	Fri 30/03/12
Data Upload 1 - upload and review	100%	12 days	Thu 20/10/11	Fri 04/11/11
Data upload 2 - upload and review	100%	3 days	Fri 27/01/12	Tue 31/01/12
Data upload 3 - upload and review	100%	3 days	Fri 02/03/12	Tue 06/03/12
Production Environment Data Ready	100%	2 days	Thu 15/03/12	Fri 16/03/12
Data Upload 4 - Upload	100%	2 days	Thu 22/03/12	Fri 23/03/12
Data Upload 4 - Review and Sign off	100%	5 days	Mon 26/03/12	Fri 30/03/12
⊟ User acceptance Testing	100%	28 days	Wed 22/02/12	Fri 30/03/12
⊟ UAT Gas	100%	28 days	Wed 22/02/12	Fri 30/03/12
UAT kick off meeting	100%	1 day	Wed 22/02/12	Wed 22/02/12
Execute & document UAT	100%	3 days	Mon 27/02/12	Wed 29/02/12
Approval to proceed	100%	5 days	Mon 26/03/12	Fri 30/03/12
⊟ UAT Electric	100%	28 days	Wed 22/02/12	Fri 30/03/12
UAT kick off meeting	100%	1 day	Wed 22/02/12	Wed 22/02/12
Execute & document UAT	100%	3 days	Wed 07/03/12	Fri 09/03/12
Approval to proceed	100%	5 days	Mon 26/03/12	Fri 30/03/12
⊟ Implementation	100%	1 day	Mon 02/04/12	Mon 02/04/12
Deployment	100%	1 day	Mon 02/04/12	Mon 02/04/12

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Task Name	% Complete	Duration	Start	Finish
☐ LU East - ERP/Work Management Phase 2	3%	396 days	Mon 23/04/12	Fri 25/10/13
☐ Project Management	100%	1 day	Mon 23/04/12	Mon 23/04/12
☐ Resources	100%	1 day	Mon 23/04/12	Mon 23/04/12
Assemble Project Team	100%	1 day	Mon 23/04/12	Mon 23/04/12
Define Roles & Responsibilities	100%	1 day	Mon 23/04/12	Mon 23/04/12
Review Roles and Responsibilities with Team Members	100%	1 day	Mon 23/04/12	Mon 23/04/12
☐ ERP Implementation - Day N	3%	396 days	Mon 23/04/12	Fri 25/10/13
☐ WennSoft and Interfaces	3%	396 days	Mon 23/04/12	Fri 25/10/13
☐ Initiation	95%	73 days	Mon 23/04/12	Tue 31/07/12
☐ Project Planning	100%	59 days	Mon 23/04/12	Wed 11/07/12
Preparation, Scope and Schedule Review	100%	59 days	Mon 23/04/12	Wed 11/07/12
☐ Scoping Strategy & Workshops	90%	67 days	Tue 01/05/12	Tue 31/07/12
☐ ERP Business Process Workshop (Gas/Electric)	100%	49 days	Mon 07/05/12	Wed 11/07/12
Equipment Management	100%	4 days	Mon 07/05/12	Thu 10/05/12
Service Management	100%	4 days	Mon 07/05/12	Thu 10/05/12
Mobile Tech	100%	4 days	Mon 07/05/12	Thu 10/05/12
Job Cost	100%	4 days	Mon 07/05/12	Thu 10/05/12
Work Estimating	100%	4 days	Mon 07/05/12	Thu 10/05/12
As-Is Process Flow Diagrams Documented	100%	8 days	Mon 02/07/12	Wed 11/07/12
☐ Eng&Ops Joint Requirements Workshop	100%	42 days	Mon 14/05/12	Mon 09/07/12
Joint Discovery Session	100%	3 days	Mon 14/05/12	Wed 16/05/12
☐ Cross Functional Workshop/Interfaces	100%	39 days	Thu 17/05/12	Mon 09/07/12
Identify Application Functionality	100%	1 day	Thu 17/05/12	Thu 17/05/12
Identify Overlap/Gaps	100%	1 day	Thu 17/05/12	Thu 17/05/12
Identify Application for Source Data	100%	1 day	Thu 17/05/12	Thu 17/05/12
Identify Interfaces	100%	5 days	Mon 11/06/12	Fri 15/06/12
Document Process Flow	100%	10 days	Mon 18/06/12	Fri 29/06/12
Review Process Flow	100%	5 days	Mon 02/07/12	Fri 06/07/12
Approval Process Flow	100%	1 day	Mon 09/07/12	Mon 09/07/12
☐ Meter to Cash Joint Requirements Workshop	56%	67 days	Tue 01/05/12	Tue 31/07/12
☐ Cross Functional Workshop/Interfaces	56%	67 days	Tue 01/05/12	Tue 31/07/12
Identify Application Functionality	100%	1 day	Tue 01/05/12	Tue 01/05/12
Identify Overlap/Gaps	100%	1 day	Wed 02/05/12	Wed 02/05/12
Identify Application for Source Data	100%	1 day	Thu 03/05/12	Thu 03/05/12
Identify Interfaces	100%	1 day	Fri 04/05/12	Fri 04/05/12
Document Process Flow	50%	10 days	Mon 16/07/12	Fri 27/07/12
Review Process Flow	0%	1 day	Mon 30/07/12	Mon 30/07/12
Approval Process Flow	0%	1 day	Tue 31/07/12	Tue 31/07/12
☐ Project Re-Planning	100%	14 days	Mon 09/07/12	Thu 26/07/12
Revise project plan for Day N	100%	5 days	Mon 09/07/12	Fri 13/07/12
Review with Team	100%	2 days	Mon 16/07/12	Tue 17/07/12
Receive Approval	100%	2 days	Wed 18/07/12	Thu 19/07/12
Finalize Plan	100%	5 days	Fri 20/07/12	Thu 26/07/12
☐ Commodity Implementation	0%	320 days	Tue 07/08/12	Fri 25/10/13
☐ Gas Implementation	0%	251 days	Tue 04/09/12	Fri 16/08/13
☐ Equipment Management	0%	251 days	Tue 04/09/12	Fri 16/08/13
☐ Requirements	0%	51 days	Tue 04/09/12	Wed 14/11/12
Identify Application Requirements	0%	10 days	Tue 04/09/12	Mon 17/09/12
Identify Reporting Requirements	0%	5 days	Tue 18/09/12	Mon 24/09/12
Identify Data Conversion Requirements	0%	20 days	Tue 25/09/12	Tue 23/10/12
Identify Interface Requirements	0%	5 days	Wed 24/10/12	Tue 30/10/12
Document Requirements	0%	5 days	Wed 31/10/12	Tue 06/11/12
Sign Off Requirements	0%	1 day	Wed 07/11/12	Wed 07/11/12
☐ Re-Planning	0%	5 days	Thu 08/11/12	Wed 14/11/12
Revise Project Plan for Day N as Result of Requirements Findings	0%	2 days	Thu 08/11/12	Fri 09/11/12
Review with Team	0%	1 day	Mon 12/11/12	Mon 12/11/12
Receive Approval	0%	1 day	Tue 13/11/12	Tue 13/11/12
Finalize Plan	0%	1 day	Wed 14/11/12	Wed 14/11/12

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Task Name	% Complete	Duration	Start	Finish
⊟ **Design & Configuration**	**0%**	**40 days**	**Thu 08/11/12**	**Mon 07/01/13**
⊟ **Technology**	**0%**	**5 days**	**Thu 15/11/12**	**Wed 21/11/12**
Establish Test Environment	0%	5 days	Thu 15/11/12	Wed 21/11/12
⊟ **Security**	**0%**	**10 days**	**Thu 22/11/12**	**Wed 05/12/12**
Determine Security Access	0%	5 days	Thu 22/11/12	Wed 28/11/12
Grant Security Access	0%	5 days	Thu 29/11/12	Wed 05/12/12
⊟ **Application**	**0%**	**20 days**	**Thu 06/12/12**	**Mon 07/01/13**
Create Design Book	0%	15 days	Thu 06/12/12	Fri 28/12/12
Configure in Test Database	0%	5 days	Mon 31/12/12	Mon 07/01/13
⊟ **Interfaces**	**0%**	**10 days**	**Thu 06/12/12**	**Wed 19/12/12**
Configure Interfaces	0%	10 days	Thu 06/12/12	Wed 19/12/12
⊟ **Data Conversion**	**0%**	**40 days**	**Thu 08/11/12**	**Mon 07/01/13**
Develop Data Extract	0%	20 days	Thu 08/11/12	Wed 05/12/12
Map & Transformation	0%	15 days	Thu 06/12/12	Fri 28/12/12
Build Control Totals (record count)	0%	5 days	Mon 31/12/12	Mon 07/01/13
⊟ **Quality Assurance**	**0%**	**91 days**	**Tue 08/01/13**	**Fri 10/05/13**
⊟ **Training**	**0%**	**14 days**	**Tue 08/01/13**	**Fri 25/01/13**
Develop Training Strategy	0%	2 days	Tue 08/01/13	Wed 09/01/13
Plan Training Material	0%	5 days	Thu 10/01/13	Wed 16/01/13
Organize Training Session	0%	1 day	Thu 17/01/13	Thu 17/01/13
Deliver Training	0%	5 days	Fri 18/01/13	Thu 24/01/13
Training Sign Off	0%	1 day	Fri 25/01/13	Fri 25/01/13
⊟ **Testing**	**0%**	**91 days**	**Tue 08/01/13**	**Fri 10/05/13**
⊟ **Test Strategy**	**0%**	**8 days**	**Tue 08/01/13**	**Thu 17/01/13**
Define Test Strategy	0%	2 days	Tue 08/01/13	Wed 09/01/13
Develop Test/Scenario Scripts	0%	5 days	Thu 10/01/13	Wed 16/01/13
Kick Off Testing Meeting	0%	1 day	Thu 17/01/13	Thu 17/01/13
⊟ **Cycle 1**	**0%**	**15 days**	**Thu 10/01/13**	**Wed 30/01/13**
⊟ **Test Plan**	**0%**	**4 days**	**Thu 10/01/13**	**Tue 15/01/13**
Define Test Scope	0%	2 days	Thu 10/01/13	Fri 11/01/13
Review Test Scripts/Scenarios	0%	2 days	Mon 14/01/13	Tue 15/01/13
⊟ **Data Conversion**	**0%**	**11 days**	**Wed 16/01/13**	**Wed 30/01/13**
Data Extract Delivered	0%	1 day	Wed 16/01/13	Wed 16/01/13
Build Data Import	0%	3 days	Thu 17/01/13	Mon 21/01/13
Execute Conversion	0%	2 days	Tue 22/01/13	Wed 23/01/13
Data Validation	0%	5 days	Thu 24/01/13	Wed 30/01/13
⊟ **System Testing (not converted data)**	**0%**	**5 days**	**Wed 16/01/13**	**Tue 22/01/13**
Execute Tests	0%	5 days	Wed 16/01/13	Tue 22/01/13
⊟ **Interface Testing (not converted data)**	**0%**	**5 days**	**Wed 16/01/13**	**Tue 22/01/13**
Execute Tests	0%	5 days	Wed 16/01/13	Tue 22/01/13
⊟ **Cycle 2**	**0%**	**15 days**	**Wed 23/01/13**	**Fri 08/02/13**
⊟ **Test Plan**	**0%**	**4 days**	**Wed 23/01/13**	**Mon 28/01/13**
Define Test Scope	0%	2 days	Wed 23/01/13	Thu 24/01/13
Review Test Scripts/Scenarios	0%	2 days	Fri 25/01/13	Mon 28/01/13
⊟ **Data Conversion**	**0%**	**11 days**	**Tue 29/01/13**	**Fri 08/02/13**
Data Extract Delivered	0%	1 day	Tue 29/01/13	Tue 29/01/13
Build Data Import	0%	3 days	Wed 30/01/13	Fri 01/02/13
Execute Conversion	0%	2 days	Sat 02/02/13	Sun 03/02/13
Data Validation	0%	5 days	Mon 04/02/13	Fri 08/02/13
⊟ **System Testing (not converted data)**	**0%**	**5 days**	**Tue 29/01/13**	**Sat 02/02/13**
Execute Tests	0%	5 days	Tue 29/01/13	Sat 02/02/13
⊟ **Interface Testing (not converted data)**	**0%**	**5 days**	**Tue 29/01/13**	**Sat 02/02/13**
Execute Tests	0%	5 days	Tue 29/01/13	Sat 02/02/13
⊟ **Cycle 3**	**0%**	**25 days**	**Sun 03/02/13**	**Thu 07/03/13**
⊟ **Test Plan**	**0%**	**4 days**	**Sun 03/02/13**	**Wed 06/02/13**
Define Test Scope	0%	2 days	Sun 03/02/13	Mon 04/02/13
Review Test Scripts/Scenarios	0%	2 days	Tue 05/02/13	Wed 06/02/13
⊟ **Data Conversion**	**0%**	**11 days**	**Thu 07/02/13**	**Thu 21/02/13**
Data Extract Delivered	0%	1 day	Thu 07/02/13	Thu 07/02/13
Build Data Import	0%	3 days	Fri 08/02/13	Tue 12/02/13
Execute Conversion	0%	2 days	Wed 13/02/13	Thu 14/02/13
Data Validation	0%	5 days	Fri 15/02/13	Thu 21/02/13
⊟ **System Integration Testing (end to end business scenario/converted data)**	**0%**	**10 days**	**Fri 22/02/13**	**Thu 07/03/13**
Execute Tests	0%	10 days	Fri 22/02/13	Thu 07/03/13

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Task Name	% Complete	Duration	Start	Finish
⊟ Cycle 4	0%	26 days	Fri 08/03/13	Fri 12/04/13
⊟ Environment	0%	1 day	Fri 08/03/13	Fri 08/03/13
Code Freeze on all Systems	0%	1 day	Fri 08/03/13	Fri 08/03/13
⊟ Test Plan	0%	4 days	Mon 11/03/13	Thu 14/03/13
Define Test Scope	0%	2 days	Mon 11/03/13	Tue 12/03/13
Review Test Scripts/Scenarios	0%	2 days	Wed 13/03/13	Thu 14/03/13
⊟ Data Conversion	0%	11 days	Fri 15/03/13	Fri 29/03/13
Data Extract Delivered	0%	1 day	Fri 15/03/13	Fri 15/03/13
Build Data Import	0%	3 days	Mon 18/03/13	Wed 20/03/13
Execute Conversion	0%	2 days	Thu 21/03/13	Fri 22/03/13
Data Validation	0%	5 days	Mon 25/03/13	Fri 29/03/13
⊟ System Integration Testing (end to end business scenario testing)	0%	10 days	Mon 01/04/13	Fri 12/04/13
Execute Tests	0%	10 days	Mon 01/04/13	Fri 12/04/13
⊟ User Acceptance Testing (UAT)	0%	20 days	Mon 15/04/13	Fri 10/05/13
⊟ Test Plan	0%	6 days	Mon 15/04/13	Mon 22/04/13
Identify User Group	0%	2 days	Mon 15/04/13	Tue 16/04/13
Define Test Scope	0%	2 days	Wed 17/04/13	Thu 18/04/13
Review Test Scripts/Scenarios	0%	2 days	Fri 19/04/13	Mon 22/04/13
⊟ Technology	0%	4 days	Mon 15/04/13	Thu 18/04/13
Test Environment Preparation	0%	2 days	Mon 15/04/13	Tue 16/04/13
Security Access Verified	0%	2 days	Wed 17/04/13	Thu 18/04/13
⊟ Test Execution (Converted Data)	0%	16 days	Fri 19/04/13	Fri 10/05/13
Execute Tests	0%	15 days	Fri 19/04/13	Thu 09/05/13
UAT Sign Off	0%	1 day	Fri 10/05/13	Fri 10/05/13
⊟ Deployment	0%	109 days	Tue 08/01/13	Mon 03/06/13
⊟ Business Readiness	0%	106 days	Tue 08/01/13	Fri 31/05/13
⊟ Business Process Design	0%	50 days	Tue 08/01/13	Thu 14/03/13
Design and Document Processes and Business Rules	0%	45 days	Tue 08/01/13	Thu 07/03/13
Obtain Stakeholder Sign Off for Changes	0%	5 days	Fri 08/03/13	Thu 14/03/13
⊟ End User Communication	0%	70 days	Mon 25/02/13	Fri 31/05/13
Issue Communications re System Overview, Go Live Plan/Schedule	0%	70 days	Mon 25/02/13	Fri 31/05/13
⊟ Go Live and Readiness Approval	0%	16 days	Mon 22/04/13	Mon 13/05/13
Develop Readiness Assessment Plan	0%	5 days	Mon 22/04/13	Fri 26/04/13
Present Final Readiness Assessment Plan	0%	2 days	Mon 29/04/13	Tue 30/04/13
Hold Readiness Meetings with Stakeholders	0%	1 day	Wed 01/05/13	Wed 01/05/13
Present Readiness Status for Go-No Go Decision	0%	1 day	Mon 13/05/13	Mon 13/05/13
⊟ System Readiness	0%	27 days	Tue 30/04/13	Mon 03/06/13
⊟ Cutover Activity	0%	13 days	Tue 30/04/13	Thu 16/05/13
Cutover Kick Off Meeting	0%	1 day	Tue 30/04/13	Tue 30/04/13
Identify Cutover Activities	0%	5 days	Wed 01/05/13	Tue 07/05/13
Review & Revise Cutover Activities	0%	2 days	Wed 08/05/13	Thu 09/05/13
Develop Cutover Schedule	0%	5 days	Fri 10/05/13	Thu 16/05/13
⊟ Execute Cutover	0%	14 days	Fri 17/05/13	Mon 03/06/13
⊟ End Business Systems Processing	0%	1 day	Fri 31/05/13	Fri 31/05/13
Systems to be Determined	0%	1 day	Fri 31/05/13	Fri 31/05/13
⊟ Backup/Copy	0%	1 day	Fri 31/05/13	Fri 31/05/13
Backup/Copy Systems - TBD	0%	1 day	Fri 31/05/13	Fri 31/05/13
Verify Backups/Copy - TBD	0%	1 day	Fri 31/05/13	Fri 31/05/13
⊟ Legacy Environment	0%	1 day	Fri 31/05/13	Fri 31/05/13
Legacy Environment Shut Down	0%	1 day	Fri 31/05/13	Fri 31/05/13
⊟ Production Environment Prep	0%	14 days	Fri 17/05/13	Mon 03/06/13
⊟ Systems Conversion	0%	2 days	Sat 01/06/13	Sun 02/06/13
Execute Final Data Conversion	0%	1 day	Sat 01/06/13	Sat 01/06/13
Verify Data Conversion	0%	1 day	Sun 02/06/13	Sun 02/06/13
⊟ System Configuration	0%	7 days	Fri 17/05/13	Mon 27/05/13
Apply Application Configuration	0%	2 days	Fri 17/05/13	Mon 20/05/13
Apply Security for End Users	0%	2 days	Tue 21/05/13	Wed 22/05/13
Verify Configuration	0%	2 days	Thu 23/05/13	Fri 24/05/13
Check Point of Go Live - Interface Partners	0%	1 day	Mon 27/05/13	Mon 27/05/13
⊟ System Deployment	0%	1 day	Mon 03/06/13	Mon 03/06/13
Go-Live	0%	1 day	Mon 03/06/13	Mon 03/06/13

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Task Name	% Complete	Duration	Start	Finish
⊟ Incident and Issue Management - Post Go Live	0%	89 days	Mon 22/04/13	Fri 16/08/13
Develop Issue Management Strategy	0%	5 days	Mon 22/04/13	Fri 26/04/13
Develop Pre/Post Go Live IT and Application Support Staff Requirements	0%	5 days	Mon 29/04/13	Fri 03/05/13
Implement Go live Staffing Plan	0%	60 days	Fri 31/05/13	Fri 16/08/13
Manage Issues	0%	60 days	Fri 31/05/13	Fri 16/08/13
⊟ Service Management	0%	251 days	Tue 04/09/12	Fri 16/08/13
⊟ Requirements	0%	51 days	Tue 04/09/12	Wed 14/11/12
Identify Application Requirements	0%	10 days	Tue 04/09/12	Mon 17/09/12
Identify Reporting Requirements	0%	5 days	Tue 18/09/12	Mon 24/09/12
Identify Data Conversion Requirements	0%	20 days	Tue 25/09/12	Tue 23/10/12
Identify Interface Requirements	0%	5 days	Wed 24/10/12	Tue 30/10/12
Document Requirements	0%	5 days	Wed 31/10/12	Tue 06/11/12
Sign Off Requirements	0%	1 day	Wed 07/11/12	Wed 07/11/12
⊟ Re-Planning	0%	5 days	Thu 08/11/12	Wed 14/11/12
Revise Project Plan for Day N as Result of Requirements Findings	0%	2 days	Thu 08/11/12	Fri 09/11/12
Review with Team	0%	1 day	Mon 12/11/12	Mon 12/11/12
Receive Approval	0%	1 day	Tue 13/11/12	Tue 13/11/12
Finalize Plan	0%	1 day	Wed 14/11/12	Wed 14/11/12
⊟ Design & Configuration	0%	40 days	Thu 08/11/12	Mon 07/01/13
⊟ Technology	0%	5 days	Thu 15/11/12	Wed 21/11/12
Establish Test Environment	0%	5 days	Thu 15/11/12	Wed 21/11/12
⊟ Security	0%	10 days	Thu 22/11/12	Wed 05/12/12
Determine Security Access	0%	5 days	Thu 22/11/12	Wed 28/11/12
Grant Security Access	0%	5 days	Thu 29/11/12	Wed 05/12/12
⊟ Application	0%	20 days	Thu 06/12/12	Mon 07/01/13
Create Design Book	0%	15 days	Thu 06/12/12	Fri 28/12/12
Configure in Test Database	0%	5 days	Mon 31/12/12	Mon 07/01/13
⊟ Interfaces	0%	10 days	Thu 06/12/12	Wed 19/12/12
Configure Interfaces	0%	10 days	Thu 06/12/12	Wed 19/12/12
⊟ Data Conversion	0%	40 days	Thu 08/11/12	Mon 07/01/13
Develop Data Extract	0%	20 days	Thu 08/11/12	Wed 05/12/12
Map & Transformation	0%	15 days	Thu 06/12/12	Fri 28/12/12
Build Control Totals (record count)	0%	5 days	Mon 31/12/12	Mon 07/01/13
⊟ Quality Assurance	0%	91 days	Tue 08/01/13	Fri 10/05/13
⊟ Training	0%	14 days	Tue 08/01/13	Fri 25/01/13
Develop Training strategy	0%	2 days	Tue 08/01/13	Wed 09/01/13
Plan Training Material	0%	5 days	Thu 10/01/13	Wed 16/01/13
Organize Training Session	0%	1 day	Thu 17/01/13	Thu 17/01/13
Deliver Training	0%	5 days	Fri 18/01/13	Thu 24/01/13
Training Sign Off	0%	1 day	Fri 25/01/13	Fri 25/01/13
⊟ Testing	0%	91 days	Tue 08/01/13	Fri 10/05/13
⊟ Test Strategy	0%	8 days	Tue 08/01/13	Thu 17/01/13
Define Test Strategy	0%	2 days	Tue 08/01/13	Wed 09/01/13
Develop Test/Scenario Scripts	0%	5 days	Thu 10/01/13	Wed 16/01/13
Kick Off Testing Meeting	0%	1 day	Thu 17/01/13	Thu 17/01/13
⊟ Cycle 1	0%	15 days	Thu 10/01/13	Wed 30/01/13
⊟ Test Plan	0%	4 days	Thu 10/01/13	Tue 15/01/13
Define Test Scope	0%	2 days	Thu 10/01/13	Fri 11/01/13
Review Test Scripts/Scenarios	0%	2 days	Mon 14/01/13	Tue 15/01/13
⊟ Data Conversion	0%	11 days	Wed 16/01/13	Wed 30/01/13
Data Extract Delivered	0%	1 day	Wed 16/01/13	Wed 16/01/13
Build Data Import	0%	3 days	Thu 17/01/13	Mon 21/01/13
Execute Conversion	0%	2 days	Tue 22/01/13	Wed 23/01/13
Data Validation	0%	5 days	Thu 24/01/13	Wed 30/01/13
⊟ System Testing (not converted data)	0%	5 days	Wed 16/01/13	Tue 22/01/13
Execute Tests	0%	5 days	Wed 16/01/13	Tue 22/01/13
⊟ Interface Testing (not converted data)	0%	5 days	Wed 16/01/13	Tue 22/01/13
Execute Tests	0%	5 days	Wed 16/01/13	Tue 22/01/13

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Task Name	% Complete	Duration	Start	Finish
⊟ Cycle 2	0%	15 days	Wed 23/01/13	Fri 08/02/13
⊟ Test Plan	0%	4 days	Wed 23/01/13	Mon 28/01/13
Define Test Scope	0%	2 days	Wed 23/01/13	Thu 24/01/13
Review Test Scripts/Scenarios	0%	2 days	Fri 25/01/13	Mon 28/01/13
⊟ Data Conversion	0%	11 days	Tue 29/01/13	Fri 08/02/13
Data Extract Delivered	0%	1 day	Tue 29/01/13	Tue 29/01/13
Build Data Import	0%	3 days	Wed 30/01/13	Fri 01/02/13
Execute Conversion	0%	2 days	Sat 02/02/13	Sun 03/02/13
Data Validation	0%	5 days	Mon 04/02/13	Fri 08/02/13
⊟ System Testing (not converted data)	0%	5 days	Tue 29/01/13	Sat 02/02/13
Execute Tests	0%	5 days	Tue 29/01/13	Sat 02/02/13
⊟ Interface Testing (not converted data)	0%	5 days	Tue 29/01/13	Sat 02/02/13
Execute Tests	0%	5 days	Tue 29/01/13	Sat 02/02/13
⊟ Cycle 3	0%	25 days	Sun 03/02/13	Thu 07/03/13
⊟ Test Plan	0%	4 days	Sun 03/02/13	Wed 06/02/13
Define Test Scope	0%	2 days	Sun 03/02/13	Mon 04/02/13
Review Test Scripts/Scenarios	0%	2 days	Tue 05/02/13	Wed 06/02/13
⊟ Data Conversion	0%	11 days	Thu 07/02/13	Thu 21/02/13
Data Extract Delivered	0%	1 day	Thu 07/02/13	Thu 07/02/13
Build Data Import	0%	3 days	Fri 08/02/13	Tue 12/02/13
Execute Conversion	0%	2 days	Wed 13/02/13	Thu 14/02/13
Data Validation	0%	5 days	Fri 15/02/13	Thu 21/02/13
⊟ System Integration Testing (end to end business scenario/converted data)	0%	10 days	Fri 22/02/13	Thu 07/03/13
Execute Tests	0%	10 days	Fri 22/02/13	Thu 07/03/13
⊟ Cycle 4	0%	26 days	Fri 08/03/13	Fri 12/04/13
⊟ Environment	0%	1 day	Fri 08/03/13	Fri 08/03/13
Code Freeze on all Systems	0%	1 day	Fri 08/03/13	Fri 08/03/13
⊟ Test Plan	0%	4 days	Mon 11/03/13	Thu 14/03/13
Define Test Scope	0%	2 days	Mon 11/03/13	Tue 12/03/13
Review Test Scripts/Scenarios	0%	2 days	Wed 13/03/13	Thu 14/03/13
⊟ Data Conversion	0%	11 days	Fri 15/03/13	Fri 29/03/13
Data Extract Delivered	0%	1 day	Fri 15/03/13	Fri 15/03/13
Build Data Import	0%	3 days	Mon 18/03/13	Wed 20/03/13
Execute Conversion	0%	2 days	Thu 21/03/13	Fri 22/03/13
Data Validation	0%	5 days	Mon 25/03/13	Fri 29/03/13
⊟ System Integration Testing (end to end business scenario testing)	0%	10 days	Mon 01/04/13	Fri 12/04/13
Execute Tests	0%	10 days	Mon 01/04/13	Fri 12/04/13
⊟ User Acceptance Testing (UAT)	0%	20 days	Mon 15/04/13	Fri 10/05/13
⊟ Test Plan	0%	6 days	Mon 15/04/13	Mon 22/04/13
Identify User Group	0%	2 days	Mon 15/04/13	Tue 16/04/13
Define Test Scope	0%	2 days	Wed 17/04/13	Thu 18/04/13
Review Test Scripts/Scenarios	0%	2 days	Fri 19/04/13	Mon 22/04/13
⊟ Technology	0%	4 days	Mon 15/04/13	Thu 18/04/13
Test Environment Preparation	0%	2 days	Mon 15/04/13	Tue 16/04/13
Security Access Verified	0%	2 days	Wed 17/04/13	Thu 18/04/13
⊟ Test Execution (Converted Data)	0%	16 days	Fri 19/04/13	Fri 10/05/13
Execute Tests	0%	15 days	Fri 19/04/13	Thu 09/05/13
UAT Sign Off	0%	1 day	Fri 10/05/13	Fri 10/05/13
⊟ Deployment	0%	109 days	Tue 08/01/13	Mon 03/06/13
⊟ Business Readiness	0%	106 days	Tue 08/01/13	Fri 31/05/13
⊟ Business Process Design	0%	50 days	Tue 08/01/13	Thu 14/03/13
Design and Document Processes and Business Rules	0%	45 days	Tue 08/01/13	Thu 07/03/13
Obtain Stakeholder Sign Off for Changes	0%	5 days	Fri 08/03/13	Thu 14/03/13
⊟ End User Communication	0%	70 days	Mon 25/02/13	Fri 31/05/13
Issue Communications re System Overview, Go Live Plan/Schedule	0%	70 days	Mon 25/02/13	Fri 31/05/13
⊟ Go Live and Readiness Approval	0%	16 days	Mon 22/04/13	Mon 13/05/13
Develop Readiness Assessment Plan	0%	5 days	Mon 22/04/13	Fri 26/04/13
Present Final Readiness Assessment Plan	0%	2 days	Mon 29/04/13	Tue 30/04/13
Hold Readiness Meetings with Stakeholders	0%	1 day	Wed 01/05/13	Wed 01/05/13
Present Readiness Status for Go-No Go Decision	0%	1 day	Mon 13/05/13	Mon 13/05/13

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Task Name	% Complete	Duration	Start	Finish
⊟ System Readiness	0%	27 days	Tue 30/04/13	Mon 03/06/13
⊟ Cutover Activity	0%	13 days	Tue 30/04/13	Thu 16/05/13
Cutover Kick Off Meeting	0%	1 day	Tue 30/04/13	Tue 30/04/13
Identify Cutover Activities	0%	5 days	Wed 01/05/13	Tue 07/05/13
Review & Revise Cutover Activities	0%	2 days	Wed 08/05/13	Thu 09/05/13
Develop Cutover Schedule	0%	5 days	Fri 10/05/13	Thu 16/05/13
⊟ Execute Cutover	0%	14 days	Fri 17/05/13	Mon 03/06/13
⊟ End Business Systems Processing	0%	1 day	Fri 31/05/13	Fri 31/05/13
Systems to be Determined	0%	1 day	Fri 31/05/13	Fri 31/05/13
⊟ Backup/Copy	0%	1 day	Fri 31/05/13	Fri 31/05/13
Backup/Copy Systems - TBD	0%	1 day	Fri 31/05/13	Fri 31/05/13
Verify Backups/Copy - TBD	0%	1 day	Fri 31/05/13	Fri 31/05/13
⊟ Legacy Environment	0%	1 day	Fri 31/05/13	Fri 31/05/13
Legacy Environment Shut Down	0%	1 day	Fri 31/05/13	Fri 31/05/13
⊟ Production Environment Prep	0%	14 days	Fri 17/05/13	Mon 03/06/13
⊟ Systems Conversion	0%	2 days	Sat 01/06/13	Sun 02/06/13
Execute Final Data Conversion	0%	1 day	Sat 01/06/13	Sat 01/06/13
Verify Data Conversion	0%	1 day	Sun 02/06/13	Sun 02/06/13
⊟ System Configuration	0%	7 days	Fri 17/05/13	Mon 27/05/13
Apply Application Configuration	0%	2 days	Fri 17/05/13	Mon 20/05/13
Apply Security for End Users	0%	2 days	Tue 21/05/13	Wed 22/05/13
Verify Configuration	0%	2 days	Thu 23/05/13	Fri 24/05/13
Check Point of Go Live - Interface Partners	0%	1 day	Mon 27/05/13	Mon 27/05/13
⊟ System Deployment	0%	1 day	Mon 03/06/13	Mon 03/06/13
Go-Live	0%	1 day	Mon 03/06/13	Mon 03/06/13
⊟ Incident and Issue Management - Post Go Live	0%	89 days	Mon 22/04/13	Fri 16/08/13
Develop Issue Management Strategy	0%	5 days	Mon 22/04/13	Fri 26/04/13
Develop Pre/Post Go Live IT and Application Support Staff Requirements	0%	5 days	Mon 29/04/13	Fri 03/05/13
Implement Go live Staffing Plan	0%	60 days	Fri 31/05/13	Fri 16/08/13
Manage Issues	0%	60 days	Fri 31/05/13	Fri 16/08/13
⊟ Job Cost	0%	188 days	Mon 03/12/12	Fri 16/08/13
⊟ Requirements	0%	21 days	Mon 03/12/12	Thu 03/01/13
Identify Application Requirements	0%	10 days	Mon 03/12/12	Fri 14/12/12
Identify Reporting Requirements	0%	5 days	Mon 17/12/12	Fri 21/12/12
Document Requirements	0%	5 days	Mon 24/12/12	Wed 02/01/13
Sign Off Requirements	0%	1 day	Thu 03/01/13	Thu 03/01/13
⊟ Design & Configuration	0%	35 days	Fri 04/01/13	Tue 19/02/13
⊟ Technology	0%	5 days	Fri 04/01/13	Thu 10/01/13
Establish Test Environment	0%	5 days	Fri 04/01/13	Thu 10/01/13
⊟ Security	0%	10 days	Fri 11/01/13	Thu 24/01/13
Determine Security Access	0%	5 days	Fri 11/01/13	Thu 17/01/13
Grant Security Access	0%	5 days	Fri 18/01/13	Thu 24/01/13
⊟ Application	0%	20 days	Fri 25/01/13	Tue 19/02/13
Create Design Book	0%	15 days	Fri 25/01/13	Tue 12/02/13
Configure in Test Database	0%	5 days	Wed 13/02/13	Tue 19/02/13
⊟ Quality Assurance	0%	51 days	Wed 20/02/13	Wed 01/05/13
⊟ Training	0%	14 days	Wed 20/02/13	Mon 11/03/13
Develop Training Strategy	0%	2 days	Wed 20/02/13	Thu 21/02/13
Plan Training Material	0%	5 days	Fri 22/02/13	Thu 28/02/13
Organize Training Session	0%	1 day	Fri 01/03/13	Fri 01/03/13
Deliver Training	0%	5 days	Mon 04/03/13	Fri 08/03/13
Training Sign Off	0%	1 day	Mon 11/03/13	Mon 11/03/13

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Task Name	% Complete	Duration	Start	Finish
⊟ Testing	0%	51 days	Wed 20/02/13	Wed 01/05/13
⊟ Test Strategy	0%	8 days	Wed 20/02/13	Fri 01/03/13
Define Test Strategy	0%	2 days	Wed 20/02/13	Thu 21/02/13
Develop Test/Scenario Scripts Scripts	0%	5 days	Fri 22/02/13	Thu 28/02/13
Kick Off Testing Meeting	0%	1 day	Fri 01/03/13	Fri 01/03/13
⊟ Cycle 1	0%	14 days	Fri 22/02/13	Wed 13/03/13
⊟ Test Plan	0%	4 days	Fri 22/02/13	Wed 27/02/13
Define Test Scope	0%	2 days	Fri 22/02/13	Mon 25/02/13
Review Test Scripts/Scenarios	0%	2 days	Tue 26/02/13	Wed 27/02/13
⊟ System Testing	0%	10 days	Thu 28/02/13	Wed 13/03/13
Execute Tests	0%	10 days	Thu 28/02/13	Wed 13/03/13
⊟ Cycle 2	0%	15 days	Thu 14/03/13	Wed 03/04/13
⊟ Environment	0%	1 day	Thu 14/03/13	Thu 14/03/13
Code Freeze on all Systems	0%	1 day	Thu 14/03/13	Thu 14/03/13
⊟ Test Plan	0%	4 days	Fri 15/03/13	Wed 20/03/13
Define Test Scope	0%	2 days	Fri 15/03/13	Mon 18/03/13
Review Test scripts/Scenarios	0%	2 days	Tue 19/03/13	Wed 20/03/13
⊟ System Integration Testing (end to end business scenario)	0%	10 days	Thu 21/03/13	Wed 03/04/13
Execute Tests	0%	10 days	Thu 21/03/13	Wed 03/04/13
⊟ User Acceptance Testing (UAT)	0%	20 days	Thu 04/04/13	Wed 01/05/13
⊟ Test Plan	0%	6 days	Thu 04/04/13	Thu 11/04/13
Identify User Group	0%	2 days	Thu 04/04/13	Fri 05/04/13
Define Test Scope	0%	2 days	Mon 08/04/13	Tue 09/04/13
Review Test Scripts/Scenarios	0%	2 days	Wed 10/04/13	Thu 11/04/13
⊟ Technology	0%	4 days	Thu 04/04/13	Tue 09/04/13
Test Environment Preparation	0%	2 days	Thu 04/04/13	Fri 05/04/13
Security Access Verified	0%	2 days	Mon 08/04/13	Tue 09/04/13
⊟ Test Execution	0%	16 days	Wed 10/04/13	Wed 01/05/13
Execute Tests	0%	15 days	Wed 10/04/13	Tue 30/04/13
UAT Sign Off	0%	1 day	Wed 01/05/13	Wed 01/05/13
⊟ Deployment	0%	76 days	Wed 20/02/13	Mon 03/06/13
⊟ Business Readiness	0%	73 days	Wed 20/02/13	Fri 31/05/13
⊟ Business Process Design	0%	50 days	Wed 20/02/13	Tue 30/04/13
Design and Document Processes and Business Rules	0%	45 days	Wed 20/02/13	Tue 23/04/13
Obtain Stakeholder Sign Off for Changes	0%	5 days	Wed 24/04/13	Tue 30/04/13
⊟ End User Communication	0%	70 days	Mon 25/02/13	Fri 31/05/13
Issue Communications re System Overview, Go Live Plan/Schedule	0%	70 days	Mon 25/02/13	Fri 31/05/13
⊟ Go Live and Readiness Approval	0%	9 days	Fri 03/05/13	Wed 15/05/13
Develop Readiness Assessment Plan	0%	5 days	Fri 03/05/13	Thu 09/05/13
Present Final Readiness Assessment Plan	0%	2 days	Fri 10/05/13	Mon 13/05/13
Hold Readiness Meetings with Stakeholders	0%	1 day	Tue 14/05/13	Tue 14/05/13
Present Readiness Status for Go-No Go Decision	0%	1 day	Wed 15/05/13	Wed 15/05/13
⊟ System Readiness	0%	32 days	Tue 23/04/13	Mon 03/06/13
⊟ Cutover Activity	0%	13 days	Tue 23/04/13	Thu 09/05/13
Cutover Kick Off Meeting	0%	1 day	Tue 23/04/13	Tue 23/04/13
Identify Cutover Activities	0%	5 days	Wed 24/04/13	Tue 30/04/13
Review & Revise Cutover Activities	0%	2 days	Wed 01/05/13	Thu 02/05/13
Develop Cutover Schedule	0%	5 days	Fri 03/05/13	Thu 09/05/13
⊟ Execute Cutover	0%	19 days	Fri 10/05/13	Mon 03/06/13
⊟ End Business Systems Processing	0%	1 day	Fri 31/05/13	Fri 31/05/13
Systems to be Determined	0%	1 day	Fri 31/05/13	Fri 31/05/13
⊟ Backup/Copy	0%	1 day	Fri 31/05/13	Fri 31/05/13
Backup/Copy Systems - TBD	0%	1 day	Fri 31/05/13	Fri 31/05/13
Verify Backups/Copy - TBD	0%	1 day	Fri 31/05/13	Fri 31/05/13
⊟ Legacy Environment	0%	1 day	Fri 31/05/13	Fri 31/05/13
Legacy Environment Shut Down	0%	1 day	Fri 31/05/13	Fri 31/05/13

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Task Name	% Complete	Duration	Start	Finish
⊟ **Production Environment Prep**	0%	19 days	Fri 10/05/13	Mon 03/06/13
⊟ **Systems Conversion**	0%	2 days	Sat 01/06/13	Sun 02/06/13
Execute Final Data Conversion	0%	1 day	Sat 01/06/13	Sat 01/06/13
Verify Data Conversion	0%	1 day	Sun 02/06/13	Sun 02/06/13
⊟ **System Configuration**	0%	7 days	Fri 10/05/13	Mon 20/05/13
Apply Application Configuration	0%	2 days	Fri 10/05/13	Mon 13/05/13
Apply Security for End Users	0%	2 days	Tue 14/05/13	Wed 15/05/13
Verify Configuration	0%	2 days	Thu 16/05/13	Fri 17/05/13
Check Point of Go Live - Interface Partners	0%	1 day	Mon 20/05/13	Mon 20/05/13
⊟ **System Deployment**	0%	1 day	Mon 03/06/13	Mon 03/06/13
Go-Live	0%	1 day	Mon 03/06/13	Mon 03/06/13
⊟ **Incident and Issue Management - Post Go Live**	0%	89 days	Mon 22/04/13	Fri 16/08/13
Develop Issue Management Strategy	0%	5 days	Mon 22/04/13	Fri 26/04/13
Develop Pre/Post Go Live IT and Application Support Staff Requirements	0%	5 days	Mon 29/04/13	Fri 03/05/13
Implement Go live Staffing Plan	0%	60 days	Fri 31/05/13	Fri 16/08/13
Manage Issues	0%	60 days	Fri 31/05/13	Fri 16/08/13
⊟ **Mobile Tech**	0%	188 days	Mon 03/12/12	Fri 16/08/13
⊟ **Requirements**	0%	21 days	Mon 03/12/12	Thu 03/01/13
Identify Application Requirements	0%	10 days	Mon 03/12/12	Fri 14/12/12
Identify Reporting Requirements	0%	5 days	Mon 17/12/12	Fri 21/12/12
Document Requirements	0%	5 days	Mon 24/12/12	Wed 02/01/13
Sign Off Requirements	0%	1 day	Thu 03/01/13	Thu 03/01/13
⊟ **Design & Configuration**	0%	35 days	Fri 04/01/13	Tue 19/02/13
⊟ **Technology**	0%	15 days	Fri 04/01/13	Thu 24/01/13
Establish Test Environment	0%	5 days	Fri 04/01/13	Thu 10/01/13
⊟ **Security**	0%	10 days	Fri 11/01/13	Thu 24/01/13
Determine Security Access	0%	5 days	Fri 11/01/13	Thu 17/01/13
Grant Security Access	0%	5 days	Fri 18/01/13	Thu 24/01/13
⊟ **Application**	0%	20 days	Fri 25/01/13	Tue 19/02/13
Create Design Book	0%	15 days	Fri 25/01/13	Tue 12/02/13
Configure in Test Database	0%	5 days	Wed 13/02/13	Tue 19/02/13
⊟ **Quality Assurance**	0%	51 days	Wed 20/02/13	Wed 01/05/13
⊟ **Training**	0%	14 days	Wed 20/02/13	Mon 11/03/13
Develop Training Strategy	0%	2 days	Wed 20/02/13	Thu 21/02/13
Plan Training Material	0%	5 days	Fri 22/02/13	Thu 28/02/13
Organize Training Session	0%	1 day	Fri 01/03/13	Fri 01/03/13
Deliver Training	0%	5 days	Mon 04/03/13	Fri 08/03/13
Training Sign Off	0%	1 day	Mon 11/03/13	Mon 11/03/13
⊟ **Testing**	0%	51 days	Wed 20/02/13	Wed 01/05/13
⊟ **Test Strategy**	0%	8 days	Wed 20/02/13	Fri 01/03/13
Define Test Strategy	0%	2 days	Wed 20/02/13	Thu 21/02/13
Develop Test/Scenario Scripts Scripts	0%	5 days	Fri 22/02/13	Thu 28/02/13
Kick Off Testing Meeting	0%	1 day	Fri 01/03/13	Fri 01/03/13
⊟ **Cycle 1**	0%	14 days	Fri 22/02/13	Wed 13/03/13
⊟ **Test Plan**	0%	4 days	Fri 22/02/13	Wed 27/02/13
Define Test Scope	0%	2 days	Fri 22/02/13	Mon 25/02/13
Review Test Scripts/Scenarios	0%	2 days	Tue 26/02/13	Wed 27/02/13
⊟ **System Testing**	0%	10 days	Thu 28/02/13	Wed 13/03/13
Execute Tests	0%	10 days	Thu 28/02/13	Wed 13/03/13
⊟ **Cycle 2**	0%	15 days	Thu 14/03/13	Wed 03/04/13
⊟ **Environment**	0%	1 day	Thu 14/03/13	Thu 14/03/13
Code Freeze on all Systems	0%	1 day	Thu 14/03/13	Thu 14/03/13
⊟ **Test Plan**	0%	4 days	Fri 15/03/13	Wed 20/03/13
Define Test Scope	0%	2 days	Fri 15/03/13	Mon 18/03/13
Review Test Scripts/Scenarios	0%	2 days	Tue 19/03/13	Wed 20/03/13
⊟ **Test Execution**	0%	16 days	Wed 10/04/13	Wed 01/05/13
Execute Tests	0%	15 days	Wed 10/04/13	Tue 30/04/13
UAT Sign Off	0%	1 day	Wed 01/05/13	Wed 01/05/13

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Task Name	% Complete	Duration	Start	Finish
⊟ Deployment	0%	76 days	Wed 20/02/13	Mon 03/06/13
⊟ Business Readiness	0%	72 days	Wed 20/02/13	Thu 30/05/13
⊟ Business Process Design	0%	50 days	Wed 20/02/13	Tue 30/04/13
Design and Document Processes and Business Rules	0%	45 days	Wed 20/02/13	Tue 23/04/13
Obtain Stakeholder Sign Off for Changes	0%	5 days	Wed 24/04/13	Tue 30/04/13
⊟ End User Communication	0%	70 days	Fri 22/02/13	Thu 30/05/13
Issue Communications re System Overview, Go Live Plan/Schedule	0%	70 days	Fri 22/02/13	Thu 30/05/13
⊟ Go Live and Readiness Approval	0%	9 days	Fri 03/05/13	Wed 15/05/13
Develop Readiness Assessment Plan	0%	5 days	Fri 03/05/13	Thu 09/05/13
Present Final Readiness Assessment Plan	0%	2 days	Fri 10/05/13	Mon 13/05/13
Hold Readiness Meetings with Stakeholders	0%	1 day	Tue 14/05/13	Tue 14/05/13
Present Readiness Status for Go-No Go Decision	0%	1 day	Wed 15/05/13	Wed 15/05/13
⊟ System Readiness	0%	32 days	Tue 23/04/13	Mon 03/06/13
⊟ Cutover Activity	0%	13 days	Tue 23/04/13	Thu 09/05/13
Cutover Kick Off Meeting	0%	1 day	Tue 23/04/13	Tue 23/04/13
Identify Cutover Activities	0%	5 days	Wed 24/04/13	Tue 30/04/13
Review & Revise Cutover Activities	0%	2 days	Wed 01/05/13	Thu 02/05/13
Develop Cutover Schedule	0%	5 days	Fri 03/05/13	Thu 09/05/13
⊟ Execute Cutover	0%	19 days	Fri 10/05/13	Mon 03/06/13
⊟ End Business Systems Processing	0%	1 day	Fri 31/05/13	Fri 31/05/13
Systems to be Determined	0%	1 day	Fri 31/05/13	Fri 31/05/13
⊟ Backup/Copy	0%	1 day	Fri 31/05/13	Fri 31/05/13
Backup/Copy Systems - TBD	0%	1 day	Fri 31/05/13	Fri 31/05/13
Verify Backups/Copy - TBD	0%	1 day	Fri 31/05/13	Fri 31/05/13
⊟ Legacy Environment	0%	1 day	Fri 31/05/13	Fri 31/05/13
Legacy Environment Shut Down	0%	1 day	Fri 31/05/13	Fri 31/05/13
⊟ Production Environment Prep	0%	19 days	Fri 10/05/13	Mon 03/06/13
⊟ Systems Conversion	0%	2 days	Sat 01/06/13	Sun 02/06/13
Execute Final Data Conversion	0%	1 day	Sat 01/06/13	Sat 01/06/13
Verify Data Conversion	0%	1 day	Sun 02/06/13	Sun 02/06/13
⊟ System Configuration	0%	7 days	Fri 10/05/13	Mon 20/05/13
Apply Application Configuration	0%	2 days	Fri 10/05/13	Mon 13/05/13
Apply Security for End Users	0%	2 days	Tue 14/05/13	Wed 15/05/13
Verify Configuration	0%	2 days	Thu 16/05/13	Fri 17/05/13
Check Point of Go Live - Interface Partners	0%	1 day	Mon 20/05/13	Mon 20/05/13
⊟ System Deployment	0%	1 day	Mon 03/06/13	Mon 03/06/13
Go-Live	0%	1 day	Mon 03/06/13	Mon 03/06/13
⊟ Incident and Issue Management - Post Go Live	0%	89 days	Mon 22/04/13	Fri 16/08/13
Develop Issue Management Strategy	0%	5 days	Mon 22/04/13	Fri 26/04/13
Develop Pre/Post Go Live IT and Application Support Staff Requirements	0%	5 days	Mon 29/04/13	Fri 03/05/13
Implement Go live Staffing Plan	0%	60 days	Fri 31/05/13	Fri 16/08/13
Manage Iissues	0%	60 days	Fri 31/05/13	Fri 16/08/13
⊟ Electric Implementation	0%	320 days	Tue 07/08/12	Fri 25/10/13
⊟ Equipment Management	0%	301 days	Tue 04/09/12	Fri 25/10/13
⊟ Requirements	0%	51 days	Tue 04/09/12	Wed 14/11/12
Identify Application Requirements	0%	10 days	Tue 04/09/12	Mon 17/09/12
Identify Reporting Requirements	0%	5 days	Tue 18/09/12	Mon 24/09/12
Identify Data Conversion Requirements	0%	20 days	Tue 25/09/12	Tue 23/10/12
Identify Interface Requirements	0%	5 days	Wed 24/10/12	Tue 30/10/12
Document Requirements	0%	5 days	Wed 31/10/12	Tue 06/11/12
Sign Off Requirements	0%	1 day	Wed 07/11/12	Wed 07/11/12
⊟ Re-Planning	0%	5 days	Thu 08/11/12	Wed 14/11/12
Revise Project Plan for Day N as Result of Requirements Findings	0%	2 days	Thu 08/11/12	Fri 09/11/12
Review with Team	0%	1 day	Mon 12/11/12	Mon 12/11/12
Receive Approval	0%	1 day	Tue 13/11/12	Tue 13/11/12
Finalize Plan	0%	1 day	Wed 14/11/12	Wed 14/11/12

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Task Name	% Complete	Duration	Start	Finish
⊟ Design & Configuration	0%	71 days	Thu 08/11/12	Fri 15/02/13
⊟ Technology	0%	15 days	Wed 02/01/13	Tue 22/01/13
Establish Test Environment	0%	5 days	Wed 02/01/13	Tue 08/01/13
⊟ Security	0%	10 days	Wed 09/01/13	Tue 22/01/13
Determine Security Access	0%	5 days	Wed 09/01/13	Tue 15/01/13
Grant Security Access	0%	5 days	Wed 16/01/13	Tue 22/01/13
⊟ Application	0%	20 days	Wed 23/01/13	Fri 15/02/13
Create Design Book	0%	15 days	Wed 23/01/13	Fri 08/02/13
Configure in Test Database	0%	5 days	Mon 11/02/13	Fri 15/02/13
⊟ Interfaces	0%	10 days	Wed 23/01/13	Sun 03/02/13
Configure Interfaces	0%	10 days	Wed 23/01/13	Sun 03/02/13
⊟ Data Conversion	0%	40 days	Thu 08/11/12	Mon 07/01/13
Develop Data Extract	0%	20 days	Thu 08/11/12	Wed 05/12/12
Map & Transformation	0%	15 days	Thu 06/12/12	Fri 28/12/12
Build Control Totals (record count)	0%	5 days	Mon 31/12/12	Mon 07/01/13
⊟ Quality Assurance	0%	91 days	Mon 18/02/13	Thu 20/06/13
⊟ Training	0%	14 days	Mon 18/02/13	Thu 07/03/13
Develop Training Strategy	0%	2 days	Mon 18/02/13	Tue 19/02/13
Plan Training Material	0%	5 days	Wed 20/02/13	Tue 26/02/13
Organize Training Session	0%	1 day	Wed 27/02/13	Wed 27/02/13
Deliver Training	0%	5 days	Thu 28/02/13	Wed 06/03/13
Training Sign Off	0%	1 day	Thu 07/03/13	Thu 07/03/13
⊟ Testing	0%	91 days	Mon 18/02/13	Thu 20/06/13
⊟ Test Strategy	0%	8 days	Mon 18/02/13	Wed 27/02/13
Define Test Strategy	0%	2 days	Mon 18/02/13	Tue 19/02/13
Develop Test/Scenario Scripts Scripts	0%	5 days	Wed 20/02/13	Tue 26/02/13
Kick Off Testing Meeting	0%	1 day	Wed 27/02/13	Wed 27/02/13
⊟ Cycle 1	0%	15 days	Wed 20/02/13	Tue 12/03/13
⊟ Test Plan	0%	4 days	Wed 20/02/13	Mon 25/02/13
Define Test Scope	0%	2 days	Wed 20/02/13	Thu 21/02/13
Review Test Scripts/Scenarios	0%	2 days	Fri 22/02/13	Mon 25/02/13
⊟ Data Conversion	0%	11 days	Tue 26/02/13	Tue 12/03/13
Data Extract Delivered	0%	1 day	Tue 26/02/13	Tue 26/02/13
Build Data Import	0%	3 days	Wed 27/02/13	Fri 01/03/13
Execute Conversion	0%	2 days	Mon 04/03/13	Tue 05/03/13
Data Validation	0%	5 days	Wed 06/03/13	Tue 12/03/13
⊟ System Testing (not converted data)	0%	5 days	Tue 26/02/13	Mon 04/03/13
Execute Tests	0%	5 days	Tue 26/02/13	Mon 04/03/13
⊟ Interface Testing (not converted data)	0%	5 days	Tue 26/02/13	Mon 04/03/13
Execute Tests	0%	5 days	Tue 26/02/13	Mon 04/03/13
⊟ Cycle 2	0%	15 days	Tue 05/03/13	Mon 25/03/13
⊟ Test Plan	0%	4 days	Tue 05/03/13	Fri 08/03/13
Define Test Scope	0%	2 days	Tue 05/03/13	Wed 06/03/13
Review Test Scripts/Scenarios	0%	2 days	Thu 07/03/13	Fri 08/03/13
⊟ Data Conversion	0%	11 days	Mon 11/03/13	Mon 25/03/13
Data Extract Delivered	0%	1 day	Mon 11/03/13	Mon 11/03/13
Build Data Import	0%	3 days	Tue 12/03/13	Thu 14/03/13
Execute Conversion	0%	2 days	Fri 15/03/13	Mon 18/03/13
Data Validation	0%	5 days	Tue 19/03/13	Mon 25/03/13
⊟ System Testing (not converted data)	0%	5 days	Mon 11/03/13	Fri 15/03/13
Execute Tests	0%	5 days	Mon 11/03/13	Fri 15/03/13
⊟ Interface Testing (not converted data)	0%	5 days	Mon 11/03/13	Fri 15/03/13
Execute Tests	0%	5 days	Mon 11/03/13	Fri 15/03/13
⊟ Cycle 3	0%	25 days	Mon 18/03/13	Fri 19/04/13
⊟ Test Plan	0%	4 days	Mon 18/03/13	Thu 21/03/13
Define Test Scope	0%	2 days	Mon 18/03/13	Tue 19/03/13
Review Test Scripts/Scenarios	0%	2 days	Wed 20/03/13	Thu 21/03/13
⊟ Data Conversion	0%	11 days	Fri 22/03/13	Fri 05/04/13
Data Extract Delivered	0%	1 day	Fri 22/03/13	Fri 22/03/13
Build Data Import	0%	3 days	Mon 25/03/13	Wed 27/03/13
Execute Conversion	0%	2 days	Thu 28/03/13	Fri 29/03/13
Data Validation	0%	5 days	Mon 01/04/13	Fri 05/04/13

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Task Name	% Complete	Duration	Start	Finish
⊟ Cycle 4	0%	26 days	Mon 22/04/13	Mon 27/05/13
⊟ Environment	0%	1 day	Mon 22/04/13	Mon 22/04/13
Code Freeze on all Systems	0%	1 day	Mon 22/04/13	Mon 22/04/13
⊟ Test Plan	0%	4 days	Tue 23/04/13	Fri 26/04/13
Define Test Scope	0%	2 days	Tue 23/04/13	Wed 24/04/13
Review Test Scripts/Scenarios	0%	2 days	Thu 25/04/13	Fri 26/04/13
⊟ Data Conversion	0%	11 days	Mon 29/04/13	Mon 13/05/13
Data Extract Delivered	0%	1 day	Mon 29/04/13	Mon 29/04/13
Build Data Import	0%	3 days	Tue 30/04/13	Thu 02/05/13
Execute Conversion	0%	2 days	Fri 03/05/13	Mon 06/05/13
Data Validation	0%	5 days	Tue 07/05/13	Mon 13/05/13
⊟ System Integration Testing (end to end business scenario testing)	0%	10 days	Tue 14/05/13	Mon 27/05/13
Execute Tests	0%	10 days	Tue 14/05/13	Mon 27/05/13
⊟ User Acceptance Testing (UAT)	0%	20 days	Tue 28/05/13	Thu 20/06/13
⊟ Test Plan	0%	6 days	Tue 28/05/13	Sun 02/06/13
Identify User Group	0%	2 days	Tue 28/05/13	Wed 29/05/13
Define Test Scope	0%	2 days	Thu 30/05/13	Fri 31/05/13
Review Test Scripts/Scenarios	0%	2 days	Sat 01/06/13	Sun 02/06/13
⊟ Technology	0%	4 days	Tue 28/05/13	Fri 31/05/13
Test Environment Preparation	0%	2 days	Tue 28/05/13	Wed 29/05/13
Security Access Verified	0%	2 days	Thu 30/05/13	Fri 31/05/13
⊟ Test Execution (Converted Data)	0%	16 days	Sat 01/06/13	Thu 20/06/13
Execute Tests	0%	15 days	Sat 01/06/13	Wed 19/06/13
UAT Sign Off	0%	1 day	Thu 20/06/13	Thu 20/06/13
⊟ Deployment	0%	125 days	Mon 18/02/13	Mon 05/08/13
⊟ Business Readiness	0%	122 days	Mon 18/02/13	Fri 02/08/13
⊟ Business Process Design	0%	50 days	Mon 18/02/13	Fri 26/04/13
Design and Document Processes and Business Rules	0%	45 days	Mon 18/02/13	Fri 19/04/13
Obtain Stakeholder Sign Off for Changes	0%	5 days	Mon 22/04/13	Fri 26/04/13
⊟ End User Communication	0%	70 days	Wed 01/05/13	Fri 02/08/13
Issue Communications re System Overview, Go Live Plan/schedule	0%	70 days	Wed 01/05/13	Fri 02/08/13
⊟ Go Live and Readiness Approval	0%	9 days	Thu 13/06/13	Tue 25/06/13
Develop Readiness Assessment Plan	0%	5 days	Thu 13/06/13	Wed 19/06/13
Present Final Readiness Assessment Plan	0%	2 days	Thu 20/06/13	Fri 21/06/13
Hold Readiness Meetings with Stakeholders	0%	1 day	Mon 24/06/13	Mon 24/06/13
Present Readiness Status for Go-No Go Decision	0%	1 day	Tue 25/06/13	Tue 25/06/13
⊟ System Readiness	0%	32 days	Tue 25/06/13	Mon 05/08/13
⊟ Cutover Activity	0%	13 days	Tue 25/06/13	Thu 11/07/13
Cutover Kick Off Meeting	0%	1 day	Tue 25/06/13	Tue 25/06/13
Identify Cutover Activities	0%	5 days	Wed 26/06/13	Tue 02/07/13
Review & Revise Cutover Activities	0%	2 days	Wed 03/07/13	Thu 04/07/13
Develop Cutover Schedule	0%	5 days	Fri 05/07/13	Thu 11/07/13
⊟ Execute Cutover	0%	19 days	Fri 12/07/13	Mon 05/08/13
⊟ End Business Systems Processing	0%	1 day	Fri 02/08/13	Fri 02/08/13
Systems to be Determined	0%	1 day	Fri 02/08/13	Fri 02/08/13
⊟ Backup/Copy	0%	1 day	Fri 02/08/13	Fri 02/08/13
Backup/Copy Systems - TBD	0%	1 day	Fri 02/08/13	Fri 02/08/13
Verify Backups/Copy - TBD	0%	1 day	Fri 02/08/13	Fri 02/08/13
⊟ Legacy Environment	0%	1 day	Fri 02/08/13	Fri 02/08/13
Legacy Environment Shut Down	0%	1 day	Fri 02/08/13	Fri 02/08/13
⊟ Production Environment Prep	0%	19 days	Fri 12/07/13	Mon 05/08/13
⊟ Systems Conversion	0%	2 days	Sat 03/08/13	Sun 04/08/13
Execute Final Data Conversion	0%	1 day	Sat 03/08/13	Sat 03/08/13
Verify Data Conversion	0%	1 day	Sun 04/08/13	Sun 04/08/13
⊟ System Configuration	0%	7 days	Fri 12/07/13	Mon 22/07/13
Apply Application Configuration	0%	2 days	Fri 12/07/13	Mon 15/07/13
Apply Security for End Users	0%	2 days	Tue 16/07/13	Wed 17/07/13
Verify Configuration	0%	2 days	Thu 18/07/13	Fri 19/07/13
Check Point of Go Live - Interface Partners	0%	1 day	Mon 22/07/13	Mon 22/07/13
⊟ System Deployment	0%	1 day	Mon 05/08/13	Mon 05/08/13
Go-Live	0%	1 day	Mon 05/08/13	Mon 05/08/13

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Task Name	% Complete	Duration	Start	Finish
⊟ Incident and Issue Management - Post Go Live	0%	93 days	Fri 21/06/13	Fri 25/10/13
Develop Issue Management Strategy	0%	5 days	Fri 21/06/13	Thu 27/06/13
Develop Pre/Post Go Live IT and Application Support Staff Requirements	0%	5 days	Fri 28/06/13	Thu 04/07/13
Implement Go live Staffing Plan	0%	60 days	Mon 05/08/13	Fri 25/10/13
Manage Issues	0%	60 days	Mon 05/08/13	Fri 25/10/13
⊟ Service Management	0%	301 days	Tue 04/09/12	Fri 25/10/13
⊟ Requirements	0%	51 days	Tue 04/09/12	Wed 14/11/12
Identify Application Requirements	0%	10 days	Tue 04/09/12	Mon 17/09/12
Identify Reporting Requirements	0%	5 days	Tue 18/09/12	Mon 24/09/12
Identify Data Conversion Requirements	0%	20 days	Tue 25/09/12	Tue 23/10/12
Identify Interface Requirements	0%	5 days	Wed 24/10/12	Tue 30/10/12
Document Requirements	0%	5 days	Wed 31/10/12	Tue 06/11/12
Sign Off Requirements	0%	1 day	Wed 07/11/12	Wed 07/11/12
⊟ Re-Planning	0%	5 days	Thu 08/11/12	Wed 14/11/12
Revise Project Plan for Day N as Result of Requirements Findings	0%	2 days	Thu 08/11/12	Fri 09/11/12
Review with Team	0%	1 day	Mon 12/11/12	Mon 12/11/12
Receive Approval	0%	1 day	Tue 13/11/12	Tue 13/11/12
Finalize Plan	0%	1 day	Wed 14/11/12	Wed 14/11/12
⊟ Design & Configuration	0%	71 days	Thu 08/11/12	Fri 15/02/13
⊟ Technology	0%	15 days	Wed 02/01/13	Tue 22/01/13
Establish Test Environment	0%	5 days	Wed 02/01/13	Tue 08/01/13
⊟ Security	0%	10 days	Wed 09/01/13	Tue 22/01/13
Determine Security Access	0%	5 days	Wed 09/01/13	Tue 15/01/13
Grant Security Access	0%	5 days	Wed 16/01/13	Tue 22/01/13
⊟ Application	0%	20 days	Wed 23/01/13	Fri 15/02/13
Create Design Book	0%	15 days	Wed 23/01/13	Fri 08/02/13
Configure in Test Database	0%	5 days	Mon 11/02/13	Fri 15/02/13
⊟ Interfaces	0%	10 days	Wed 23/01/13	Sun 03/02/13
Configure Interfaces	0%	10 days	Wed 23/01/13	Sun 03/02/13
⊟ Data Conversion	0%	40 days	Thu 08/11/12	Mon 07/01/13
Develop Data Extract	0%	20 days	Thu 08/11/12	Wed 05/12/12
Map & Transformation	0%	15 days	Thu 06/12/12	Fri 28/12/12
Build Control Totals (record count)	0%	5 days	Mon 31/12/12	Mon 07/01/13
⊟ Quality Assurance	0%	91 days	Mon 18/02/13	Thu 20/06/13
⊟ Training	0%	14 days	Mon 18/02/13	Thu 07/03/13
Develop Training Strategy	0%	2 days	Mon 18/02/13	Tue 19/02/13
Plan Training Material	0%	5 days	Wed 20/02/13	Tue 26/02/13
Organize Training Session	0%	1 day	Wed 27/02/13	Wed 27/02/13
Deliver Training	0%	5 days	Thu 28/02/13	Wed 06/03/13
Training Sign Off	0%	1 day	Thu 07/03/13	Thu 07/03/13
⊟ Testing	0%	91 days	Mon 18/02/13	Thu 20/06/13
⊟ Test Strategy	0%	8 days	Mon 18/02/13	Wed 27/02/13
Define Test Strategy	0%	2 days	Mon 18/02/13	Tue 19/02/13
Develop Test/Scenario Scripts Scripts	0%	5 days	Wed 20/02/13	Tue 26/02/13
Kick Off Testing Meeting	0%	1 day	Wed 27/02/13	Wed 27/02/13
⊟ Cycle 1	0%	15 days	Wed 20/02/13	Tue 12/03/13
⊟ Test Plan	0%	4 days	Wed 20/02/13	Mon 25/02/13
Define Test Scope	0%	2 days	Wed 20/02/13	Thu 21/02/13
Review Test Scripts/Scenarios	0%	2 days	Fri 22/02/13	Mon 25/02/13
⊟ Data Conversion	0%	11 days	Tue 26/02/13	Tue 12/03/13
Data Extract Delivered	0%	1 day	Tue 26/02/13	Tue 26/02/13
Build Data Import	0%	3 days	Wed 27/02/13	Fri 01/03/13
Execute Conversion	0%	2 days	Mon 04/03/13	Tue 05/03/13
Data Validation	0%	5 days	Wed 06/03/13	Tue 12/03/13
⊟ System Testing (not converted data)	0%	5 days	Tue 26/02/13	Mon 04/03/13
Execute Tests	0%	5 days	Tue 26/02/13	Mon 04/03/13
⊟ Interface Testing (not converted data)	0%	5 days	Tue 26/02/13	Mon 04/03/13
Execute Tests	0%	5 days	Tue 26/02/13	Mon 04/03/13

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Task Name	% Complete	Duration	Start	Finish
⊟ Cycle 2	0%	15 days	Tue 05/03/13	Mon 25/03/13
⊟ Test Plan	0%	4 days	Tue 05/03/13	Fri 08/03/13
Define Test Scope	0%	2 days	Tue 05/03/13	Wed 06/03/13
Review Test Scripts/Scenarios	0%	2 days	Thu 07/03/13	Fri 08/03/13
⊟ Data Conversion	0%	11 days	Mon 11/03/13	Mon 25/03/13
Data Extract Delivered	0%	1 day	Mon 11/03/13	Mon 11/03/13
Build Data Import	0%	3 days	Tue 12/03/13	Thu 14/03/13
Execute Conversion	0%	2 days	Fri 15/03/13	Mon 18/03/13
Data Validation	0%	5 days	Tue 19/03/13	Mon 25/03/13
⊟ System Testing (not converted data)	0%	5 days	Mon 11/03/13	Fri 15/03/13
Execute Tests	0%	5 days	Mon 11/03/13	Fri 15/03/13
⊟ Interface Testing (not converted data)	0%	5 days	Mon 11/03/13	Fri 15/03/13
Execute Tests	0%	5 days	Mon 11/03/13	Fri 15/03/13
⊟ Cycle 3	0%	25 days	Mon 18/03/13	Fri 19/04/13
⊟ Test Plan	0%	4 days	Mon 18/03/13	Thu 21/03/13
Define Test Scope	0%	2 days	Mon 18/03/13	Tue 19/03/13
Review Test Scripts/Scenarios	0%	2 days	Wed 20/03/13	Thu 21/03/13
⊟ Data Conversion	0%	11 days	Fri 22/03/13	Fri 05/04/13
Data Extract Delivered	0%	1 day	Fri 22/03/13	Fri 22/03/13
Build Data Import	0%	3 days	Mon 25/03/13	Wed 27/03/13
Execute Conversion	0%	2 days	Thu 28/03/13	Fri 29/03/13
Data Validation	0%	5 days	Mon 01/04/13	Fri 05/04/13
⊟ System Integration Testing (end to end business scenario/converted data)	0%	10 days	Mon 08/04/13	Fri 19/04/13
Execute Tests	0%	10 days	Mon 08/04/13	Fri 19/04/13
⊟ Cycle 4	0%	26 days	Mon 22/04/13	Mon 27/05/13
⊟ Environment	0%	1 day	Mon 22/04/13	Mon 22/04/13
Code Freeze on all Systems	0%	1 day	Mon 22/04/13	Mon 22/04/13
⊟ Test Plan	0%	4 days	Tue 23/04/13	Fri 26/04/13
Define Test Scope	0%	2 days	Tue 23/04/13	Wed 24/04/13
Review Test Scripts/Scenarios	0%	2 days	Thu 25/04/13	Fri 26/04/13
⊟ Data Conversion	0%	11 days	Mon 29/04/13	Mon 13/05/13
Data Extract Delivered	0%	1 day	Mon 29/04/13	Mon 29/04/13
Build Data Import	0%	3 days	Tue 30/04/13	Thu 02/05/13
Execute Conversion	0%	2 days	Fri 03/05/13	Mon 06/05/13
Data Validation	0%	5 days	Tue 07/05/13	Mon 13/05/13
⊟ System Integration Testing (end to end business scenario testing)	0%	10 days	Tue 14/05/13	Mon 27/05/13
Execute Tests	0%	10 days	Tue 14/05/13	Mon 27/05/13
⊟ User Acceptance Testing (UAT)	0%	20 days	Tue 28/05/13	Thu 20/06/13
⊟ Test Plan	0%	6 days	Tue 28/05/13	Sun 02/06/13
Identify User Group	0%	2 days	Tue 28/05/13	Wed 29/05/13
Define Test Scope	0%	2 days	Thu 30/05/13	Fri 31/05/13
Review Test scripts/Scenarios	0%	2 days	Sat 01/06/13	Sun 02/06/13
⊟ Technology	0%	4 days	Tue 28/05/13	Fri 31/05/13
Test Environment Preparation	0%	2 days	Tue 28/05/13	Wed 29/05/13
Security Access Verified	0%	2 days	Thu 30/05/13	Fri 31/05/13
⊟ Test Execution (Converted Data)	0%	16 days	Sat 01/06/13	Thu 20/06/13
Execute Tests	0%	15 days	Sat 01/06/13	Wed 19/06/13
UAT Sign Off	0%	1 day	Thu 20/06/13	Thu 20/06/13
⊟ Deployment	0%	125 days	Mon 18/02/13	Mon 05/08/13
⊟ Business Readiness	0%	122 days	Mon 18/02/13	Fri 02/08/13
⊟ Business Process Design	0%	50 days	Mon 18/02/13	Fri 26/04/13
Design and Document Processes and Business Rules	0%	45 days	Mon 18/02/13	Fri 19/04/13
Obtain Stakeholder Sign Off for Changes	0%	5 days	Mon 22/04/13	Fri 26/04/13
⊟ End User Communication	0%	70 days	Wed 01/05/13	Fri 02/08/13
Issue Communications re System Overview, Go Live Plan/Schedule	0%	70 days	Wed 01/05/13	Fri 02/08/13
⊟ Go Live and Readiness Approval	0%	9 days	Thu 13/06/13	Tue 25/06/13
Develop Readiness Assessment Plan	0%	5 days	Thu 13/06/13	Wed 19/06/13
Present Final Readiness Assessment Plan	0%	2 days	Thu 20/06/13	Fri 21/06/13
Hold Readiness Meetings with Stakeholders	0%	1 day	Mon 24/06/13	Mon 24/06/13
Present Readiness Status for Go-No Go Decision	0%	1 day	Tue 25/06/13	Tue 25/06/13

Task Name	% Complete	Duration	Start	Finish
⊟ **System Readiness**	0%	32 days	Tue 25/06/13	Mon 05/08/13
⊟ **Cutover Activity**	0%	13 days	Tue 25/06/13	Thu 11/07/13
Cutover Kick Off Meeting	0%	1 day	Tue 25/06/13	Tue 25/06/13
Identify Cutover Activities	0%	5 days	Wed 26/06/13	Tue 02/07/13
Review & Revise Cutover Activities	0%	2 days	Wed 03/07/13	Thu 04/07/13
Develop Cutover Schedule	0%	5 days	Fri 05/07/13	Thu 11/07/13
⊟ **Execute Cutover**	0%	19 days	Fri 12/07/13	Mon 05/08/13
⊟ **End Business Systems Processing**	0%	1 day	Fri 02/08/13	Fri 02/08/13
Systems to be Determined	0%	1 day	Fri 02/08/13	Fri 02/08/13
⊟ **Backup/Copy**	0%	1 day	Fri 02/08/13	Fri 02/08/13
Backup/Copy Systems - TBD	0%	1 day	Fri 02/08/13	Fri 02/08/13
Verify Backups/Copy - TBD	0%	1 day	Fri 02/08/13	Fri 02/08/13
⊟ **Legacy Environment**	0%	1 day	Fri 02/08/13	Fri 02/08/13
Legacy Environment Shut Down	0%	1 day	Fri 02/08/13	Fri 02/08/13
⊟ **Production Environment Prep**	0%	19 days	Fri 12/07/13	Mon 05/08/13
⊟ **Systems Conversion**	0%	2 days	Sat 03/08/13	Sun 04/08/13
Execute Final Data Conversion	0%	1 day	Sat 03/08/13	Sat 03/08/13
Verify Data Conversion	0%	1 day	Sun 04/08/13	Sun 04/08/13
⊟ **System Configuration**	0%	7 days	Fri 12/07/13	Mon 22/07/13
Apply Application Configuration	0%	2 days	Fri 12/07/13	Mon 15/07/13
Apply Security for End Users	0%	2 days	Tue 16/07/13	Wed 17/07/13
Verify Configuration	0%	2 days	Thu 18/07/13	Fri 19/07/13
Check Point of Go Live - Interface Partners	0%	1 day	Mon 22/07/13	Mon 22/07/13
⊟ **System Deployment**	0%	1 day	Mon 05/08/13	Mon 05/08/13
Go-Live	0%	1 day	Mon 05/08/13	Mon 05/08/13
⊟ **Incident and Issue Management - Post Go Live**	0%	93 days	Fri 21/06/13	Fri 25/10/13
Develop Issue Management Strategy	0%	5 days	Fri 21/06/13	Thu 27/06/13
Develop Pre/Post Go Live IT and Application Support Staff Requirements	0%	5 days	Fri 28/06/13	Thu 04/07/13
Implement Go live Staffing Plan	0%	60 days	Mon 05/08/13	Fri 25/10/13
Manage Issues	0%	60 days	Mon 05/08/13	Fri 25/10/13
⊟ **Job Cost**	0%	188 days	Mon 03/12/12	Fri 16/08/13
⊟ **Requirements**	0%	21 days	Mon 03/12/12	Thu 03/01/13
Identify Application Requirements	0%	10 days	Mon 03/12/12	Fri 14/12/12
Identify Reporting Requirements	0%	5 days	Mon 17/12/12	Fri 21/12/12
Document Requirements	0%	5 days	Mon 24/12/12	Wed 02/01/13
Sign Off Requirements	0%	1 day	Thu 03/01/13	Thu 03/01/13
⊟ **Design & Configuration**	0%	35 days	Fri 04/01/13	Tue 19/02/13
⊟ **Technology**	0%	5 days	Fri 04/01/13	Thu 10/01/13
Establish Test Environment	0%	5 days	Fri 04/01/13	Thu 10/01/13
⊟ **Security**	0%	10 days	Fri 11/01/13	Thu 24/01/13
Determine Security Access	0%	5 days	Fri 11/01/13	Thu 17/01/13
Grant Security Access	0%	5 days	Fri 18/01/13	Thu 24/01/13
⊟ **Application**	0%	20 days	Fri 25/01/13	Tue 19/02/13
Create Design Book	0%	15 days	Fri 25/01/13	Tue 12/02/13
Configure in Test Database	0%	5 days	Wed 13/02/13	Tue 19/02/13
⊟ **Quality Assurance**	0%	51 days	Wed 20/02/13	Wed 01/05/13
⊟ **Training**	0%	14 days	Wed 20/02/13	Mon 11/03/13
Develop Training Strategy	0%	2 days	Wed 20/02/13	Thu 21/02/13
Plan Training Material	0%	5 days	Fri 22/02/13	Thu 28/02/13
Organize Training Session	0%	1 day	Fri 01/03/13	Fri 01/03/13
Deliver Training	0%	5 days	Mon 04/03/13	Fri 08/03/13
Training Sign Off	0%	1 day	Mon 11/03/13	Mon 11/03/13
⊟ **Testing**	0%	51 days	Wed 20/02/13	Wed 01/05/13
⊟ **Test Strategy**	0%	8 days	Wed 20/02/13	Fri 01/03/13
Define Test Strategy	0%	2 days	Wed 20/02/13	Thu 21/02/13
Develop Test/Scenario Scripts Scripts	0%	5 days	Fri 22/02/13	Thu 28/02/13
Kick Off Testing Meeting	0%	1 day	Fri 01/03/13	Fri 01/03/13

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Task Name	% Complete	Duration	Start	Finish
⊟ Cycle 1	0%	14 days	Fri 22/02/13	Wed 13/03/13
⊟ Test Plan	0%	4 days	Fri 22/02/13	Wed 27/02/13
Define Test Scope	0%	2 days	Fri 22/02/13	Mon 25/02/13
Review Test Scripts/Scenarios	0%	2 days	Tue 26/02/13	Wed 27/02/13
⊟ System Testing	0%	10 days	Thu 28/02/13	Wed 13/03/13
Execute Tests	0%	10 days	Thu 28/02/13	Wed 13/03/13
⊟ Cycle 2	0%	15 days	Thu 14/03/13	Wed 03/04/13
⊟ Environment	0%	1 day	Thu 14/03/13	Thu 14/03/13
Code Freeze on all Systems	0%	1 day	Thu 14/03/13	Thu 14/03/13
⊟ Test Plan	0%	4 days	Fri 15/03/13	Wed 20/03/13
Define Test Scope	0%	2 days	Fri 15/03/13	Mon 18/03/13
Review Test Scripts/Scenarios	0%	2 days	Tue 19/03/13	Wed 20/03/13
⊟ System Integration Testing (end to end business scenario)	0%	10 days	Thu 21/03/13	Wed 03/04/13
Execute Tests	0%	10 days	Thu 21/03/13	Wed 03/04/13
⊟ User Acceptance Testing (UAT)	0%	20 days	Thu 04/04/13	Wed 01/05/13
⊟ Test Plan	0%	6 days	Thu 04/04/13	Thu 11/04/13
Identify User Group	0%	2 days	Thu 04/04/13	Fri 05/04/13
Define Test Scope	0%	2 days	Mon 08/04/13	Tue 09/04/13
Review Test Scripts/Scenarios	0%	2 days	Wed 10/04/13	Thu 11/04/13
⊟ Technology	0%	4 days	Thu 04/04/13	Tue 09/04/13
Test Environment Preparation	0%	2 days	Thu 04/04/13	Fri 05/04/13
Security Access Verified	0%	2 days	Mon 08/04/13	Tue 09/04/13
⊟ Test Execution	0%	16 days	Wed 10/04/13	Wed 01/05/13
Execute Tests	0%	15 days	Wed 10/04/13	Tue 30/04/13
UAT Sign Off	0%	1 day	Wed 01/05/13	Wed 01/05/13
⊟ Deployment	0%	76 days	Wed 20/02/13	Mon 03/06/13
⊟ Business Readiness	0%	73 days	Wed 20/02/13	Fri 31/05/13
⊟ Business Process Design	0%	50 days	Wed 20/02/13	Tue 30/04/13
Design and Document Processes and Business Rules	0%	45 days	Wed 20/02/13	Tue 23/04/13
Obtain Stakeholder Sign Off for Changes	0%	5 days	Wed 24/04/13	Tue 30/04/13
⊟ End User Communication	0%	70 days	Mon 25/02/13	Fri 31/05/13
Issue Communications re System Overview, Go Live Plan/Schedule	0%	70 days	Mon 25/02/13	Fri 31/05/13
⊟ Go Live and Readiness Approval	0%	9 days	Fri 03/05/13	Wed 15/05/13
Develop Readiness Assessment Plan	0%	5 days	Fri 03/05/13	Thu 09/05/13
Present Final Readiness Assessment Plan	0%	2 days	Fri 10/05/13	Mon 13/05/13
Hold Readiness Meetings with Stakeholders	0%	1 day	Tue 14/05/13	Tue 14/05/13
Present Readiness Status for Go-No Go Decision	0%	1 day	Wed 15/05/13	Wed 15/05/13
⊟ System Readiness	0%	32 days	Tue 23/04/13	Mon 03/06/13
⊟ Cutover Activity	0%	13 days	Tue 23/04/13	Thu 09/05/13
Cutover Kick Off Meeting	0%	1 day	Tue 23/04/13	Tue 23/04/13
Identify Cutover Activities	0%	5 days	Wed 24/04/13	Tue 30/04/13
Review & Revise Cutover Activities	0%	2 days	Wed 01/05/13	Thu 02/05/13
Develop Cutover Schedule	0%	5 days	Fri 03/05/13	Thu 09/05/13
⊟ Execute Cutover	0%	19 days	Fri 10/05/13	Mon 03/06/13
⊟ End Business Systems Processing	0%	1 day	Fri 31/05/13	Fri 31/05/13
Systems to be Determined	0%	1 day	Fri 31/05/13	Fri 31/05/13
⊟ Backup/Copy	0%	1 day	Fri 31/05/13	Fri 31/05/13
Backup/Copy Systems - TBD	0%	1 day	Fri 31/05/13	Fri 31/05/13
Verify Backups/Copy - TBD	0%	1 day	Fri 31/05/13	Fri 31/05/13
⊟ Legacy Environment	0%	1 day	Fri 31/05/13	Fri 31/05/13
Legacy Environment Shut Down	0%	1 day	Fri 31/05/13	Fri 31/05/13
⊟ Production Environment Prep	0%	19 days	Fri 10/05/13	Mon 03/06/13
⊟ Systems Conversion	0%	2 days	Sat 01/06/13	Sun 02/06/13
Execute Final Data Conversion	0%	1 day	Sat 01/06/13	Sat 01/06/13
Verify Data Conversion	0%	1 day	Sun 02/06/13	Sun 02/06/13
⊟ System Configuration	0%	7 days	Fri 10/05/13	Mon 20/05/13
Apply Application Configuration	0%	2 days	Fri 10/05/13	Mon 13/05/13
Apply Security for End Users	0%	2 days	Tue 14/05/13	Wed 15/05/13
Verify Configuration	0%	2 days	Thu 16/05/13	Fri 17/05/13
Check Point of Go Live - Interface Partners	0%	1 day	Mon 20/05/13	Mon 20/05/13
⊟ System Deployment	0%	1 day	Mon 03/06/13	Mon 03/06/13
Go-Live	0%	1 day	Mon 03/06/13	Mon 03/06/13

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Task Name	% Complete	Duration	Start	Finish
⊟ Incident and Issue Management - Post Go Live	0%	89 days	Mon 22/04/13	Fri 16/08/13
Develop Issue Management Strategy	0%	5 days	Mon 22/04/13	Fri 26/04/13
Develop Pre/Post Go Live IT and Application Support Staff Requirements	0%	5 days	Mon 29/04/13	Fri 03/05/13
Implement Go live Staffing Plan	0%	60 days	Fri 31/05/13	Fri 16/08/13
Manage Issues	0%	60 days	Fri 31/05/13	Fri 16/08/13
⊟ Mobile Tech	0%	238 days	Mon 03/12/12	Fri 25/10/13
⊟ Requirements	0%	21 days	Mon 03/12/12	Thu 03/01/13
Identify Application Requirements	0%	10 days	Mon 03/12/12	Fri 14/12/12
Identify Reporting Requirements	0%	5 days	Mon 17/12/12	Fri 21/12/12
Document Requirements	0%	5 days	Mon 24/12/12	Wed 02/01/13
Sign Off Requirements	0%	1 day	Thu 03/01/13	Thu 03/01/13
⊟ Design & Configuration	0%	35 days	Wed 27/02/13	Tue 16/04/13
⊟ Technology	0%	15 days	Wed 27/02/13	Tue 19/03/13
Establish Test Environment	0%	5 days	Wed 27/02/13	Tue 05/03/13
⊟ Security	0%	10 days	Wed 06/03/13	Tue 19/03/13
Determine Security Access	0%	5 days	Wed 06/03/13	Tue 12/03/13
Grant Security Access	0%	5 days	Wed 13/03/13	Tue 19/03/13
⊟ Application	0%	20 days	Wed 20/03/13	Tue 16/04/13
Create Design Book	0%	15 days	Wed 20/03/13	Tue 09/04/13
Configure in Test Database	0%	5 days	Wed 10/04/13	Tue 16/04/13
⊟ Quality Assurance	0%	51 days	Wed 17/04/13	Mon 24/06/13
⊟ Training	0%	14 days	Wed 17/04/13	Mon 06/05/13
Develop Training Strategy	0%	2 days	Wed 17/04/13	Thu 18/04/13
Plan Training Material	0%	5 days	Fri 19/04/13	Thu 25/04/13
Organize Training Session	0%	1 day	Fri 26/04/13	Fri 26/04/13
Deliver Training	0%	5 days	Mon 29/04/13	Fri 03/05/13
Training Sign Off	0%	1 day	Mon 06/05/13	Mon 06/05/13
⊟ Testing	0%	51 days	Wed 17/04/13	Mon 24/06/13
⊟ Test Strategy	0%	8 days	Wed 17/04/13	Fri 26/04/13
Define Test Strategy	0%	2 days	Wed 17/04/13	Thu 18/04/13
Develop Test/Scenario Scripts Scripts	0%	5 days	Fri 19/04/13	Thu 25/04/13
Kick Off Testing Meeting	0%	1 day	Fri 26/04/13	Fri 26/04/13
⊟ Cycle 1	0%	14 days	Fri 19/04/13	Wed 08/05/13
⊟ Test Plan	0%	4 days	Fri 19/04/13	Wed 24/04/13
Define Test Scope	0%	2 days	Fri 19/04/13	Mon 22/04/13
Review Test Scripts/Scenarios	0%	2 days	Tue 23/04/13	Wed 24/04/13
⊟ System Testing	0%	10 days	Thu 25/04/13	Wed 08/05/13
Execute Tests	0%	10 days	Thu 25/04/13	Wed 08/05/13
⊟ Cycle 2	0%	15 days	Thu 09/05/13	Wed 29/05/13
⊟ Environment	0%	1 day	Thu 09/05/13	Thu 09/05/13
Code Freeze on all Systems	0%	1 day	Thu 09/05/13	Thu 09/05/13
⊟ Test Plan	0%	4 days	Fri 10/05/13	Wed 15/05/13
Define Test Scope	0%	2 days	Fri 10/05/13	Mon 13/05/13
Review Test Scripts/Scenarios	0%	2 days	Tue 14/05/13	Wed 15/05/13
⊟ System Integration Testing (end to end business scenario)	0%	10 days	Thu 16/05/13	Wed 29/05/13
Execute Tests	0%	10 days	Thu 16/05/13	Wed 29/05/13
⊟ User Acceptance Testing (UAT)	0%	20 days	Thu 30/05/13	Mon 24/06/13
⊟ Test Plan	0%	6 days	Thu 30/05/13	Tue 04/06/13
Identify User Group	0%	2 days	Thu 30/05/13	Fri 31/05/13
Define Test Scope	0%	2 days	Sat 01/06/13	Sun 02/06/13
Review Test Scripts/Scenarios	0%	2 days	Mon 03/06/13	Tue 04/06/13
⊟ Technology	0%	4 days	Thu 30/05/13	Sun 02/06/13
Test Environment Preparation	0%	2 days	Thu 30/05/13	Fri 31/05/13
Security Access Verified	0%	2 days	Sat 01/06/13	Sun 02/06/13
⊟ Test Execution	0%	16 days	Mon 03/06/13	Mon 24/06/13
Execute Tests	0%	15 days	Mon 03/06/13	Fri 21/06/13
UAT Sign Off	0%	1 day	Mon 24/06/13	Mon 24/06/13

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Task Name	% Complete	Duration	Start	Finish
⊟ **Deployment**	**0%**	**83 days**	**Wed 17/04/13**	**Mon 05/08/13**
⊟ **Business Readiness**	**0%**	**80 days**	**Wed 17/04/13**	**Fri 02/08/13**
⊟ **Business Process Design**	**0%**	**50 days**	**Wed 17/04/13**	**Fri 21/06/13**
Design and Document Processes and Business Rules	0%	45 days	Wed 17/04/13	Fri 14/06/13
Obtain Stakeholder Sign Off for Changes	0%	5 days	Mon 17/06/13	Fri 21/06/13
⊟ **End User Communication**	**0%**	**70 days**	**Wed 01/05/13**	**Fri 02/08/13**
Issue Communications re System Overview, Go Live Plan/Schedule	0%	70 days	Wed 01/05/13	Fri 02/08/13
⊟ **Go Live and Readiness Approval**	**0%**	**9 days**	**Thu 13/06/13**	**Tue 25/06/13**
Develop Readiness Assessment Plan	0%	5 days	Thu 13/06/13	Wed 19/06/13
Present Final Readiness Assessment Plan	0%	2 days	Thu 20/06/13	Fri 21/06/13
Hold Readiness Meetings with Stakeholders	0%	1 day	Mon 24/06/13	Mon 24/06/13
Present Readiness Status for Go-No Go Decision	0%	1 day	Tue 25/06/13	Tue 25/06/13
⊟ **System Readiness**	**0%**	**32 days**	**Tue 25/06/13**	**Mon 05/08/13**
⊟ **Cutover Activity**	**0%**	**13 days**	**Tue 25/06/13**	**Thu 11/07/13**
Cutover Kick Off Meeting	0%	1 day	Tue 25/06/13	Tue 25/06/13
Identify Cutover Activities	0%	5 days	Wed 26/06/13	Tue 02/07/13
Review & Revise Cutover Activities	0%	2 days	Wed 03/07/13	Thu 04/07/13
Develop Cutover Schedule	0%	5 days	Fri 05/07/13	Thu 11/07/13
⊟ **Execute Cutover**	**0%**	**19 days**	**Fri 12/07/13**	**Mon 05/08/13**
⊟ **End Business Systems Processing**	**0%**	**1 day**	**Fri 02/08/13**	**Fri 02/08/13**
Systems to be Determined	0%	1 day	Fri 02/08/13	Fri 02/08/13
⊟ **Backup/Copy**	**0%**	**1 day**	**Fri 02/08/13**	**Fri 02/08/13**
Backup/Copy Systems - TBD	0%	1 day	Fri 02/08/13	Fri 02/08/13
Verify Backups/Copy - TBD	0%	1 day	Fri 02/08/13	Fri 02/08/13
⊟ **Legacy Environment**	**0%**	**1 day**	**Fri 02/08/13**	**Fri 02/08/13**
Legacy Environment Shut Down	0%	1 day	Fri 02/08/13	Fri 02/08/13
⊟ **Production Environment Prep**	**0%**	**19 days**	**Fri 12/07/13**	**Mon 05/08/13**
⊟ **Systems Conversion**	**0%**	**2 days**	**Sat 03/08/13**	**Sun 04/08/13**
Execute Final Data Conversion	0%	1 day	Sat 03/08/13	Sat 03/08/13
Verify Data Conversion	0%	1 day	Sun 04/08/13	Sun 04/08/13
⊟ **System Configuration**	**0%**	**7 days**	**Fri 12/07/13**	**Mon 22/07/13**
Apply Application Configuration	0%	2 days	Fri 12/07/13	Mon 15/07/13
Apply Security for End Users	0%	2 days	Tue 16/07/13	Wed 17/07/13
Verify Configuration	0%	2 days	Thu 18/07/13	Fri 19/07/13
Check Point of Go Live - Interface Partners	0%	1 day	Mon 22/07/13	Mon 22/07/13
⊟ **System Deployment**	**0%**	**1 day**	**Mon 05/08/13**	**Mon 05/08/13**
Go-Live	0%	1 day	Mon 05/08/13	Mon 05/08/13
⊟ **Incident and Issue Management - Post Go Live**	**0%**	**93 days**	**Fri 21/06/13**	**Fri 25/10/13**
Develop Issue Management Strategy	0%	5 days	Fri 21/06/13	Thu 27/06/13
Develop Pre/Post Go Live IT and Application Support Staff Requirements	0%	5 days	Fri 28/06/13	Thu 04/07/13
Implement Go live Staffing Plan	0%	60 days	Mon 05/08/13	Fri 25/10/13
Manage issues	0%	60 days	Mon 05/08/13	Fri 25/10/13
⊟ **Work Estimating (Quadra)**	**0%**	**186 days**	**Tue 07/08/12**	**Fri 26/04/13**
⊟ **Requirements**	**0%**	**48 days**	**Tue 07/08/12**	**Mon 15/10/12**
Identify Application Requirements	0%	15 days	Tue 07/08/12	Mon 27/08/12
Identify Reporting Requirements	0%	4 days	Tue 28/08/12	Fri 31/08/12
Identify Interface Requirements (GIS)	0%	10 days	Tue 04/09/12	Mon 17/09/12
Document Requirements	0%	10 days	Tue 18/09/12	Mon 01/10/12
Sign Off Requirements	0%	4 days	Tue 02/10/12	Fri 05/10/12
⊟ **Re-Planning**	**0%**	**5 days**	**Tue 09/10/12**	**Mon 15/10/12**
Revise Project Plan for Day N as Result of Requirements Findings	0%	2 days	Tue 09/10/12	Wed 10/10/12
Review with Team	0%	1 day	Thu 11/10/12	Thu 11/10/12
Receive Approval	0%	1 day	Fri 12/10/12	Fri 12/10/12
Finalize Plan	0%	1 day	Mon 15/10/12	Mon 15/10/12
⊟ **Design & Configuration**	**0%**	**27 days**	**Tue 09/10/12**	**Wed 14/11/12**
⊟ **Technology**	**0%**	**6 days**	**Tue 09/10/12**	**Tue 16/10/12**
Establish Test Environment	0%	2 days	Tue 09/10/12	Wed 10/10/12
⊟ **Security**	**0%**	**4 days**	**Thu 11/10/12**	**Tue 16/10/12**
Determine Security Access	0%	2 days	Thu 11/10/12	Fri 12/10/12
Grant Security Access	0%	2 days	Mon 15/10/12	Tue 16/10/12

Task Name	% Complete	Duration	Start	Finish
⊟ Application	0%	15 days	Thu 11/10/12	Wed 31/10/12
Create Design Book	0%	10 days	Thu 11/10/12	Wed 24/10/12
Configure in Test Database	0%	5 days	Thu 25/10/12	Wed 31/10/12
⊟ Interfaces	0%	10 days	Thu 01/11/12	Wed 14/11/12
Configure Interface (GIS)	0%	10 days	Thu 01/11/12	Wed 14/11/12
⊟ Quality Assurance	0%	44 days	Thu 25/10/12	Thu 27/12/12
⊟ Training	0%	11 days	Thu 25/10/12	Thu 08/11/12
Develop Training strategy	0%	1 day	Thu 25/10/12	Thu 25/10/12
Plan Training Material	0%	2 days	Fri 26/10/12	Mon 29/10/12
Organize Training Session	0%	1 day	Tue 30/10/12	Tue 30/10/12
Deliver Training	0%	5 days	Thu 01/11/12	Wed 07/11/12
Training Sign Off	0%	1 day	Thu 08/11/12	Thu 08/11/12
⊟ Testing	0%	44 days	Thu 25/10/12	Thu 27/12/12
⊟ Test Strategy	0%	11 days	Thu 25/10/12	Thu 08/11/12
Define Test Strategy	0%	2 days	Thu 25/10/12	Fri 26/10/12
Develop Test/Scenario Scripts Scripts	0%	5 days	Thu 01/11/12	Wed 07/11/12
Kick Off Testing Meeting	0%	1 day	Thu 08/11/12	Thu 08/11/12
⊟ Cycle 1	0%	14 days	Fri 09/11/12	Wed 28/11/12
⊟ Test Plan	0%	4 days	Fri 09/11/12	Wed 14/11/12
Define Test Scope	0%	2 days	Fri 09/11/12	Mon 12/11/12
Review Test Scripts/Scenarios	0%	2 days	Tue 13/11/12	Wed 14/11/12
⊟ System Testing	0%	5 days	Thu 15/11/12	Wed 21/11/12
Execute Tests	0%	5 days	Thu 15/11/12	Wed 21/11/12
⊟ Interface Testing	0%	5 days	Thu 22/11/12	Wed 28/11/12
Execute Tests	0%	5 days	Thu 22/11/12	Wed 28/11/12
⊟ Cycle 2	0%	9 days	Thu 22/11/12	Tue 04/12/12
⊟ Test Plan	0%	4 days	Thu 22/11/12	Tue 27/11/12
Define Test Scope	0%	2 days	Thu 22/11/12	Fri 23/11/12
Review Test Scripts/Scenarios	0%	2 days	Mon 26/11/12	Tue 27/11/12
⊟ System Integration Testing (end to end business scenario)	0%	5 days	Wed 28/11/12	Tue 04/12/12
Execute Tests	0%	5 days	Wed 28/11/12	Tue 04/12/12
⊟ User Acceptance Testing (UAT)	0%	15 days	Wed 05/12/12	Thu 27/12/12
⊟ Test Plan	0%	5 days	Wed 05/12/12	Tue 11/12/12
Identify User Group	0%	1 day	Wed 05/12/12	Wed 05/12/12
Define Test Scope	0%	2 days	Thu 06/12/12	Fri 07/12/12
Review Test Scripts/Scenarios	0%	2 days	Mon 10/12/12	Tue 11/12/12
⊟ Technology	0%	4 days	Wed 05/12/12	Mon 10/12/12
Test Environment Preparation	0%	2 days	Wed 05/12/12	Thu 06/12/12
Security Access Verified	0%	2 days	Fri 07/12/12	Mon 10/12/12
⊟ Test Execution	0%	11 days	Tue 11/12/12	Thu 27/12/12
Execute Tests	0%	10 days	Tue 11/12/12	Mon 24/12/12
UAT Sign Off	0%	1 day	Thu 27/12/12	Thu 27/12/12
⊟ Deployment	0%	73 days	Wed 24/10/12	Mon 04/02/13
⊟ Business Readiness	0%	70 days	Wed 24/10/12	Fri 01/02/13
⊟ Business Process Design	0%	50 days	Thu 01/11/12	Mon 14/01/13
Design and Document Processes and Business Rules	0%	45 days	Thu 01/11/12	Mon 07/01/13
Obtain Stakeholder Sign Off for Changes	0%	5 days	Tue 08/01/13	Mon 14/01/13
⊟ End User Communication	0%	70 days	Wed 24/10/12	Fri 01/02/13
Issue Communications re System Overview, Go Live Plan/Schedule	0%	70 days	Wed 24/10/12	Fri 01/02/13
⊟ Go Live and Readiness Approval	0%	9 days	Fri 14/12/12	Fri 28/12/12
Develop Readiness Assessment Plan	0%	5 days	Fri 14/12/12	Thu 20/12/12
Present Final Readiness Assessment Plan	0%	2 days	Fri 21/12/12	Mon 24/12/12
Hold Readiness Meetings with Stakeholders	0%	1 day	Thu 27/12/12	Thu 27/12/12
Present Readiness Status for Go-No Go Decision	0%	1 day	Fri 28/12/12	Fri 28/12/12

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Task Name	% Complete	Duration	Start	Finish
⊟ **System Readiness**	**0%**	**26 days**	**Wed 02/01/13**	**Mon 04/02/13**
⊟ **Cutover Activity**	**0%**	**13 days**	**Wed 02/01/13**	**Fri 18/01/13**
Cutover Kick Off Meeting	0%	1 day	Wed 02/01/13	Wed 02/01/13
Identify Cutover Activities	0%	5 days	Thu 03/01/13	Wed 09/01/13
Review & Revise Cutover Activities	0%	2 days	Thu 10/01/13	Fri 11/01/13
Develop Cutover Schedule	0%	5 days	Mon 14/01/13	Fri 18/01/13
⊟ **Execute Cutover**	**0%**	**13 days**	**Mon 21/01/13**	**Mon 04/02/13**
⊟ **End Business Systems Processing**	**0%**	**1 day**	**Fri 01/02/13**	**Fri 01/02/13**
Systems to be Determined	0%	1 day	Fri 01/02/13	Fri 01/02/13
⊟ **Backup/Copy**	**0%**	**1 day**	**Fri 01/02/13**	**Fri 01/02/13**
Backup/Copy Systems - TBD	0%	1 day	Fri 01/02/13	Fri 01/02/13
Verify Backups/Copy - TBD	0%	1 day	Fri 01/02/13	Fri 01/02/13
⊟ **Legacy Environment**	**0%**	**1 day**	**Fri 01/02/13**	**Fri 01/02/13**
Legacy Environment Shut Down	0%	1 day	Fri 01/02/13	Fri 01/02/13
⊟ **Production Environment Prep**	**0%**	**13 days**	**Mon 21/01/13**	**Mon 04/02/13**
⊟ **Systems Conversion**	**0%**	**2 days**	**Sat 02/02/13**	**Sun 03/02/13**
Execute Final Data Conversion	0%	1 day	Sat 02/02/13	Sat 02/02/13
Verify Data Conversion	0%	1 day	Sun 03/02/13	Sun 03/02/13
⊟ **System Configuration**	**0%**	**7 days**	**Mon 21/01/13**	**Tue 29/01/13**
Apply Application Configuration	0%	2 days	Mon 21/01/13	Tue 22/01/13
Apply Security for End Users	0%	2 days	Wed 23/01/13	Thu 24/01/13
Verify Configuration	0%	2 days	Fri 25/01/13	Mon 28/01/13
Check Point of Go Live - Interface Partners	0%	1 day	Tue 29/01/13	Tue 29/01/13
⊟ **System Deployment**	**0%**	**1 day**	**Mon 04/02/13**	**Mon 04/02/13**
Go-Live	0%	1 day	Mon 04/02/13	Mon 04/02/13
⊟ **Incident and Issue Management - Post Go Live**	**0%**	**94 days**	**Mon 17/12/12**	**Fri 26/04/13**
Develop Issue Management Strategy	0%	5 days	Mon 17/12/12	Fri 21/12/12
Develop Pre/Post Go Live IT and Application Support Staff Requirements	0%	5 days	Mon 24/12/12	Wed 02/01/13
Implement Go live Staffing Plan	0%	60 days	Mon 04/02/13	Fri 26/04/13
Manage Issues	0%	60 days	Mon 04/02/13	Fri 26/04/13
⊟ **EHSS**	**64%**	**314 days**	**Wed 01/02/12**	**Mon 15/04/13**
⊟ **Environmental Health & Safety (Sigma ISM/ESM)**	**100%**	**44 days**	**Wed 01/02/12**	**Mon 02/04/12**
Requirements	100%	8 days	Wed 01/02/12	Fri 10/02/12
Design	100%	4 days	Mon 13/02/12	Thu 16/02/12
Configuration	100%	5 days	Fri 17/02/12	Thu 23/02/12
Training	100%	2 days	Fri 24/02/12	Mon 27/02/12
Testing	100%	19 days	Tue 28/02/12	Fri 23/03/12
UAT	100%	5 days	Mon 26/03/12	Fri 30/03/12
Implementation	100%	1 day	Mon 02/04/12	Mon 02/04/12
⊟ **Physical Security (C-Cure 9000)**	**27%**	**314 days**	**Wed 01/02/12**	**Mon 15/04/13**
Requirements	100%	8 days	Wed 01/02/12	Fri 10/02/12
Design	100%	4 days	Mon 13/02/12	Thu 16/02/12
Configuration	0%	5 days	Fri 01/03/13	Thu 07/03/13
Training	0%	2 days	Fri 08/03/13	Mon 11/03/13
Testing	0%	19 days	Tue 12/03/13	Fri 05/04/13
UAT	0%	5 days	Mon 08/04/13	Fri 12/04/13
Implementation	0%	1 day	Mon 15/04/13	Mon 15/04/13

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Task Name	% Complete	Duration	Start	Finish
⊟ **Engineering & Operations Discovery & Definition**	**68%**	**117 days**	**Fri 30/03/12**	**Fri 14/09/12**
⊟ **Project Initiation**	**100%**	**3 days**	**Fri 30/03/12**	**Tue 03/04/12**
Project Kickoff Meeting	100%	1 day	Fri 30/03/12	Fri 30/03/12
ArcFM Solution Functional Overview (Gas)	100%	2 days	Mon 02/04/12	Tue 03/04/12
ArcFM Solution Functional Overview (Electric)	100%	2 days	Mon 02/04/12	Tue 03/04/12
⊟ **Workshops**	**100%**	**66 days**	**Mon 09/04/12**	**Wed 11/07/12**
ArcFM/Designer/Workflow Manager Workshops (Gas)	100%	4 days	Mon 09/04/12	Thu 12/04/12
Business Process Diagrams (Gas)	100%	1 day	Mon 30/04/12	Mon 30/04/12
ArcFM/Designer/Workflow Manager Workshops (Electric)	100%	4 days	Mon 16/04/12	Thu 19/04/12
Business Process Diagrams (Electric)	100%	1 day	Mon 30/04/12	Mon 30/04/12
Responder Workshops (Electric)	100%	2 days	Wed 09/05/12	Thu 10/05/12
Responder Workshops (Electric) Notes	100%	1 day	Fri 11/05/12	Fri 11/05/12
SCADA Workshops (Gas)	100%	2 days	Tue 22/05/12	Wed 23/05/12
SCADA Workshops (Gas) Notes	100%	1 day	Thu 24/05/12	Thu 24/05/12
SCADA Workshops (Electric) Notes	100%	1 day	Thu 24/05/12	Thu 24/05/12
System Architecture Workshop (Gas)	100%	1 day	Tue 10/07/12	Tue 10/07/12
System Architecture Workshop (Electric)	100%	1 day	Tue 10/07/12	Tue 10/07/12
System Architecture Workshops (Gas & Electric) Notes	100%	1 day	Wed 11/07/12	Wed 11/07/12
MDM Workshops	100%	2 days	Mon 11/06/12	Tue 12/06/12
MDM Workshop Notes	100%	1 day	Wed 13/06/12	Wed 13/06/12
Gaps, Integrations & Requirements Verified	100%	1 day	Fri 22/06/12	Fri 22/06/12
⊟ **Requirements Documentation (Gas)**	**77%**	**27 days**	**Mon 25/06/12**	**Wed 01/08/12**
Telvent Compilation of Requirements Document (Gas)	100%	5 days	Mon 25/06/12	Fri 29/06/12
Delivery of Draft Requirements Document (Gas)	100%	0 days	Fri 29/06/12	Fri 29/06/12
Requirements Document (Gas) Review by Liberty	100%	2 days	Tue 03/07/12	Wed 04/07/12
Requirements Document (Gas) Review Meeting	100%	1 day	Thu 05/07/12	Thu 05/07/12
Telvent Inclusion of Requirements Revisions (Gas)	75%	17 days	Fri 06/07/12	Mon 30/07/12
Liberty Review of Requirements Revisions (Gas)	0%	2 days	Tue 31/07/12	Wed 01/08/12
Liberty Acceptance of Requirements Document (Gas)	0%	0 days	Wed 01/08/12	Wed 01/08/12
⊟ **Requirements Documentation (Electric)**	**77%**	**27 days**	**Mon 25/06/12**	**Wed 01/08/12**
Telvent Compilation of Requirements Document (Electric)	100%	5 days	Mon 25/06/12	Fri 29/06/12
Delivery of Draft Requirements Document (Electric)	100%	0 days	Fri 29/06/12	Fri 29/06/12
Requirements Document (Electric) Review by Liberty	100%	2 days	Tue 03/07/12	Wed 04/07/12
Requirements Document (Electric) Review Meeting	100%	1 day	Thu 05/07/12	Thu 05/07/12
Telvent Inclusion of Requirements Revisions (Electric)	75%	17 days	Fri 06/07/12	Mon 30/07/12
Liberty Review of Requirements Revisions (Electric)	0%	2 days	Tue 31/07/12	Wed 01/08/12
Liberty Acceptance of Requirements Document (Electric)	0%	0 days	Wed 01/08/12	Wed 01/08/12
⊟ **Statement of Work Documentation (Gas)**	**77%**	**22 days**	**Tue 03/07/12**	**Wed 01/08/12**
Telvent Compilation of SOW Document (Gas)	100%	5 days	Tue 03/07/12	Mon 09/07/12
Delivery of Draft SOW Document (Gas)	100%	0 days	Mon 09/07/12	Mon 09/07/12
SOW Document (Gas) Review by Liberty	100%	2 days	Tue 10/07/12	Wed 11/07/12
SOW Document (Gas) Review Meeting	100%	1 day	Thu 12/07/12	Thu 12/07/12
Telvent Inclusion of SOW Revisions (Gas)	75%	12 days	Fri 13/07/12	Mon 30/07/12
Liberty Review of SOW Revisions (Gas)	0%	2 days	Tue 31/07/12	Wed 01/08/12
Liberty Acceptance of SOW (Gas)	0%	0 days	Wed 01/08/12	Wed 01/08/12
⊟ **Statement of Work Documentation (Electric)**	**77%**	**22 days**	**Tue 03/07/12**	**Wed 01/08/12**
Telvent Compilation of SOW Document (Electric)	100%	5 days	Tue 03/07/12	Mon 09/07/12
Delivery of Draft SOW Document (Electric)	100%	0 days	Mon 09/07/12	Mon 09/07/12
SOW Document (Electric) Review by Liberty	100%	2 days	Tue 10/07/12	Wed 11/07/12
SOW Document (Electric) Review Meeting	100%	1 day	Thu 12/07/12	Thu 12/07/12
Telvent Inclusion of SOW Revisions (Electric)	75%	12 days	Fri 13/07/12	Mon 30/07/12
Liberty Review of SOW Revisions (Electric)	0%	2 days	Tue 31/07/12	Wed 01/08/12
Liberty Acceptance of SOW (Electric)	0%	0 days	Wed 01/08/12	Wed 01/08/12
GE Smallworld Sample Data from NG (Electric)	100%	1 day	Fri 11/05/12	Fri 11/05/12
ArcFM Sample Data from NG (Gas)	100%	1 day	Fri 11/05/12	Fri 11/05/12
GE Smallworld Sample Data to Telvent (Electric)	100%	1 day	Wed 16/05/12	Wed 16/05/12
ArcFM Sample Data to Telvent (Gas)	100%	1 day	Wed 16/05/12	Wed 16/05/12
ArcFM Symbology (Gas)	0%	1 day	Wed 15/08/12	Wed 15/08/12
ArcFM Symbology (Electric)	0%	1 day	Wed 15/08/12	Wed 15/08/12
Develop Project Plan	100%	6 days	Tue 19/06/12	Tue 26/06/12
PUC Plan Review Meeting	100%	1 day	Wed 27/06/12	Wed 27/06/12
Develop Project Plan	100%	13 days	Thu 28/06/12	Tue 17/07/12
FINAL - PUC Submitted Plan Meeting	100%	1 day	Wed 18/07/12	Wed 18/07/12
Develop Project Plan	35%	9 days	Thu 19/07/12	Tue 31/07/12
Submit Transition Replan for PUC	0%	1 day	Wed 01/08/12	Wed 01/08/12
Liberty Utilities PO Approval for Software & Services	0%	30 days	Thu 02/08/12	Fri 14/09/12

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Task Name	% Complete	Duration	Start	Finish
− Engineering & Operations Day 2 to N	0%	367 days	Thu 02/08/12	Fri 31/01/14
− Transfer Plans & Coordination	0%	28 days	Thu 02/08/12	Wed 12/09/12
Data Transfer Workshops	0%	2 days	Thu 02/08/12	Fri 03/08/12
Integration Dependency Workshops	0%	2 days	Tue 07/08/12	Wed 08/08/12
Document Transfer Plan	0%	11 days	Thu 09/08/12	Thu 23/08/12
Transfer Plan Review & Comments	0%	3 days	Fri 24/08/12	Tue 28/08/12
Transfer Plan Comments Inclusion	0%	3 days	Wed 29/08/12	Fri 31/08/12
Transfer Plan Final Review & Comments	0%	3 days	Tue 04/09/12	Thu 06/09/12
Transfer Plan Final Comments Inclusion	0%	3 days	Fri 07/09/12	Tue 11/09/12
Transfer Plan Sign Off & Acceptance	0%	1 day	Wed 12/09/12	Wed 12/09/12
− GIS (ArcFM)	0%	201 days	Mon 17/09/12	Fri 12/07/13
GIS Implementation Kickoff (ArcFM)	0%	1 day	Mon 22/10/12	Mon 22/10/12
− Project Team Training (GIS)	0%	4 days	Mon 17/09/12	Thu 20/09/12
Accelerated Working w/ ArcFM	0%	2 days	Mon 17/09/12	Tue 18/09/12
Accelerated Working w/ ArcFM Viewer	0%	1 day	Wed 19/09/12	Wed 19/09/12
ArcFM Configuration Seminar	0%	1 day	Thu 20/09/12	Thu 20/09/12
− Design (GIS)	0%	87 days	Tue 23/10/12	Mon 04/03/13
− Design Sessions (GIS)	0%	17 days	Tue 23/10/12	Thu 15/11/12
Gather Functional Requirements (GIS)	0%	3 days	Tue 23/10/12	Thu 25/10/12
Design Architecture and Configuration (GIS)	0%	4 days	Fri 26/10/12	Wed 31/10/12
Develop Data Migration/Conversion Plans (GIS)	0%	4 days	Thu 01/11/12	Tue 06/11/12
Design Integrations & Interfaces (GIS)	0%	4 days	Thu 01/11/12	Tue 06/11/12
Integration Review w/ M2C and ERP (GIS)	0%	2 days	Wed 07/11/12	Thu 08/11/12
Develop Testing Strategy (GIS)	0%	2 days	Fri 09/11/12	Tue 13/11/12
Develop Implementation Plan (GIS)	0%	2 days	Wed 14/11/12	Thu 15/11/12
− System Design Document - Version 1 (Gas GIS)	0%	24 days	Fri 16/11/12	Fri 21/12/12
Document Functional Requirements (Gas GIS)	0%	10 days	Mon 19/11/12	Tue 04/12/12
Document Architecture & Configuration (Gas GIS)	0%	10 days	Fri 16/11/12	Mon 03/12/12
Ver 1 Review & Comments (Gas GIS)	0%	3 days	Wed 05/12/12	Fri 07/12/12
Ver 1 Comments Inclusion (Gas GIS)	0%	3 days	Mon 10/12/12	Wed 12/12/12
Ver 1 Final Review & Comments (Gas GIS)	0%	3 days	Thu 13/12/12	Mon 17/12/12
Ver 1 Final Comments Inclusion (Gas GIS)	0%	3 days	Tue 18/12/12	Thu 20/12/12
Ver 1 Sign Off & Acceptance (Gas GIS)	0%	1 day	Fri 21/12/12	Fri 21/12/12
− System Design Document - Version 2 (Gas GIS)	0%	29 days	Mon 24/12/12	Wed 06/02/13
Document Integrations & Interfaces (Gas GIS)	0%	10 days	Mon 24/12/12	Wed 09/01/13
Document Data Migrations/Conversions (Gas GIS)	0%	10 days	Mon 24/12/12	Wed 09/01/13
Ver 2 Review & Comments (Gas GIS)	0%	3 days	Thu 10/01/13	Mon 14/01/13
Ver 2 Comments Inclusion (Gas GIS)	0%	3 days	Tue 15/01/13	Thu 17/01/13
Ver 2 Final Review & Comments (Gas GIS)	0%	3 days	Fri 18/01/13	Wed 23/01/13
Ver 2 Final Comments Inclusion (Gas GIS)	0%	3 days	Thu 24/01/13	Mon 28/01/13
Ver 2 Sign Off & Acceptance (Gas GIS)	0%	1 day	Tue 29/01/13	Tue 29/01/13
Evaluate Project Plan (Gas GIS)	0%	3 days	Wed 30/01/13	Fri 01/02/13
Replan If Necessary (Gas GIS)	0%	3 days	Mon 04/02/13	Wed 06/02/13
− System Design Document - Version 3 (Gas GIS)	0%	23 days	Wed 30/01/13	Mon 04/03/13
Document Testing Plan (Gas GIS)	0%	10 days	Wed 30/01/13	Tue 12/02/13
Document Implementation Plan (Gas GIS)	0%	10 days	Wed 30/01/13	Tue 12/02/13
Ver 3 Review & Comments (Gas GIS)	0%	3 days	Wed 13/02/13	Fri 15/02/13
Ver 3 Comments Inclusion (Gas GIS)	0%	3 days	Tue 19/02/13	Thu 21/02/13
Ver 3 Final Review & Comments (Gas GIS)	0%	3 days	Fri 22/02/13	Tue 26/02/13
Ver 3 Final Comments Inclusion (Gas GIS)	0%	3 days	Wed 27/02/13	Fri 01/03/13
Ver 3 Sign Off & Acceptance (Gas GIS)	0%	1 day	Mon 04/03/13	Mon 04/03/13
− System Design Document - Version 1 (Electric GIS)	0%	27 days	Fri 26/10/12	Thu 06/12/12
Document Functional Requirements (Electric GIS)	0%	10 days	Fri 26/10/12	Thu 08/11/12
Document Architecture & Configuration (Electric GIS)	0%	10 days	Thu 01/11/12	Thu 15/11/12
Ver 1 Review & Comments (Electric GIS)	0%	3 days	Fri 16/11/12	Tue 20/11/12
Ver 1 Comments Inclusion (Electric GIS)	0%	3 days	Wed 21/11/12	Tue 27/11/12
Ver 1 Final Review & Comments (Electric GIS)	0%	3 days	Wed 28/11/12	Fri 30/11/12
Ver 1 Final Comments Inclusion (Electric GIS)	0%	3 days	Mon 03/12/12	Wed 05/12/12
Ver 1 Sign Off & Acceptance (Electric GIS)	0%	1 day	Thu 06/12/12	Thu 06/12/12

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Task Name	% Complete	Duration	Start	Finish
⊟ **System Design Document - Version 2 (Electric GIS)**	**0%**	**29 days**	**Fri 07/12/12**	**Tue 22/01/13**
Document Integrations & Interfaces (Electric GIS)	0%	10 days	Fri 07/12/12	Thu 20/12/12
Document Data Migrations/Conversions (Electric GIS)	0%	10 days	Fri 07/12/12	Thu 20/12/12
Ver 2 Review & Comments (Electric GIS)	0%	3 days	Fri 21/12/12	Thu 27/12/12
Ver 2 Comments Inclusion (Electric GIS)	0%	3 days	Fri 28/12/12	Wed 02/01/13
Ver 2 Final Review & Comments (Electric GIS)	0%	3 days	Thu 03/01/13	Mon 07/01/13
Ver 2 Final Comments Inclusion (Electric GIS)	0%	3 days	Tue 08/01/13	Thu 10/01/13
Ver 2 Sign Off & Acceptance (Electric GIS)	0%	1 day	Fri 11/01/13	Fri 11/01/13
Evaluate Project Plan (Electric GIS)	0%	3 days	Mon 14/01/13	Wed 16/01/13
Replan If Necessary (Electric GIS)	0%	3 days	Thu 17/01/13	Tue 22/01/13
⊟ **System Design Document - Version 3 (Electric GIS)**	**0%**	**23 days**	**Mon 14/01/13**	**Thu 14/02/13**
Document Testing Plan (Electric GIS)	0%	10 days	Mon 14/01/13	Mon 28/01/13
Document Implementation Plan (Electric GIS)	0%	10 days	Mon 14/01/13	Mon 28/01/13
Ver 3 Review & Comments (Electric GIS)	0%	3 days	Tue 29/01/13	Thu 31/01/13
Ver 3 Comments Inclusion (Electric GIS)	0%	3 days	Fri 01/02/13	Tue 05/02/13
Ver 3 Final Review & Comments (Electric GIS)	0%	3 days	Wed 06/02/13	Fri 08/02/13
Ver 3 Final Comments Inclusion (Electric GIS)	0%	3 days	Mon 11/02/13	Wed 13/02/13
Ver 3 Sign Off & Acceptance (Electric GIS)	0%	1 day	Thu 14/02/13	Thu 14/02/13
⊟ **Configure Test Environment (GIS)**	**0%**	**44 days**	**Mon 24/12/12**	**Thu 28/02/13**
⊟ **Infrastructure (GIS)**	**0%**	**13 days**	**Mon 24/12/12**	**Mon 14/01/13**
Build Virtual Servers (GIS)	0%	3 days	Mon 24/12/12	Fri 28/12/12
Configure Servers (GIS)	0%	3 days	Mon 31/12/12	Thu 03/01/13
Configure Security (GIS)	0%	2 days	Fri 04/01/13	Mon 07/01/13
Bring Servers Online (GIS)	0%	1 day	Tue 08/01/13	Tue 08/01/13
Configure Citrix Environment (GIS)	0%	3 days	Wed 09/01/13	Fri 11/01/13
Test Connectivity and Availability (GIS Servers)	0%	1 day	Mon 14/01/13	Mon 14/01/13
⊟ **Databases (GIS)**	**0%**	**11 days**	**Tue 15/01/13**	**Wed 30/01/13**
Install & Configure Databases (GIS)	0%	3 days	Tue 15/01/13	Thu 17/01/13
Install and Configure ArcSDE (GIS)	0%	3 days	Fri 18/01/13	Wed 23/01/13
Load Test Data (GIS)	0%	2 days	Thu 24/01/13	Fri 25/01/13
Tune Database (GIS)	0%	2 days	Mon 28/01/13	Tue 29/01/13
Test Connectivity and Availability (GIS Databases)	0%	1 day	Wed 30/01/13	Wed 30/01/13
⊟ **Software (GIS)**	**0%**	**41 days**	**Mon 24/12/12**	**Mon 25/02/13**
Procure Software (GIS)	0%	5 days	Mon 24/12/12	Wed 02/01/13
Install and Configure ArcGIS Server (GIS)	0%	3 days	Thu 31/01/13	Mon 04/02/13
Install and Configure ArcFM Server (GIS)	0%	3 days	Tue 05/02/13	Thu 07/02/13
Install and Configure ArcFM Viewer on Mobile Devices (GIS)	0%	10 days	Fri 08/02/13	Fri 22/02/13
Install and Configure ArcGIS, ArcFM on Citrix (GIS)	0%	4 days	Fri 08/02/13	Wed 13/02/13
Test Connectivity and Availability (GIS Software)	0%	1 day	Mon 25/02/13	Mon 25/02/13
Test the Full System Configuration (GIS)	0%	3 days	Tue 26/02/13	Thu 28/02/13
⊟ **Development (GIS)**	**0%**	**41 days**	**Mon 14/01/13**	**Wed 13/03/13**
⊟ **Development GIS**	**0%**	**41 days**	**Mon 14/01/13**	**Wed 13/03/13**
Asset ID Generator (GIS)	0%	1 day	Mon 14/01/13	Mon 14/01/13
Asset Inventory Synch w/ Wennsoft Ph2 (GIS)	0%	1 day	Mon 14/01/13	Mon 14/01/13
⊟ **Cogsdale (CIS) Integration w/ ArcFM (GIS)**	**0%**	**41 days**	**Mon 14/01/13**	**Wed 13/03/13**
Document Cogsdale Component Spec (GIS)	0%	4 days	Mon 14/01/13	Thu 17/01/13
LU Review Cogsdale Component Spec (GIS)	0%	2 days	Fri 18/01/13	Tue 22/01/13
Adjust Cogsdale Component Spec (GIS)	0%	2 days	Wed 23/01/13	Thu 24/01/13
Develop Cogsdale (CIS) Integration (GIS)	0%	15 days	Fri 25/01/13	Thu 14/02/13
LU Review Cogsdale (CIS) Integration Beta (GIS)	0%	1 day	Fri 15/02/13	Fri 15/02/13
Finalize Cogsdale (CIS) Integration (GIS)	0%	15 days	Tue 19/02/13	Mon 11/03/13
LU Review Cogsdale (CIS) Integration Release (GIS)	0%	1 day	Tue 12/03/13	Tue 12/03/13
Sign Off & Acceptance Cogsdale (CIS) Integration (GIS)	0%	1 day	Wed 13/03/13	Wed 13/03/13
⊟ **Development Electric GIS (SmallWorld to ArcFM)**	**0%**	**1 day**	**Mon 14/01/13**	**Mon 14/01/13**
Feeder Index Map Book Generator (Electric GIS)	0%	1 day	Mon 14/01/13	Mon 14/01/13
⊟ **Data Conversion/Migration (GIS)**	**0%**	**70 days**	**Fri 21/12/12**	**Fri 05/04/13**
⊟ **Gas (ArcFM to ArcFM)**	**0%**	**35 days**	**Thu 10/01/13**	**Fri 01/03/13**
National Grid Data Extract (Gas GIS)	0%	5 days	Thu 10/01/13	Wed 16/01/13
Acquire National Grid Data (Gas GIS)	0%	1 day	Thu 17/01/13	Thu 17/01/13
Develop Data Migration (Gas GIS)	0%	15 days	Wed 30/01/13	Wed 20/02/13
Execute Data Migration (Gas GIS)	0%	2 days	Thu 21/02/13	Fri 22/02/13
Data Load to Test Environment (Gas GIS)	0%	1 day	Fri 01/03/13	Fri 01/03/13

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Task Name	% Complete	Duration	Start	Finish
⊟ **Electric (Smallworld to ArcFM)**	**0%**	**70 days**	**Fri 21/12/12**	**Fri 05/04/13**
National Grid Data Extract (Electric GIS)	0%	5 days	Fri 21/12/12	Mon 31/12/12
Acquire National Grid Data (Electric GIS)	0%	1 day	Wed 02/01/13	Wed 02/01/13
Develop Data Conversion (Electric GIS)	0%	10 days	Mon 14/01/13	Mon 28/01/13
LU Review of Pilot Conversion (Electric GIS)	0%	10 days	Tue 29/01/13	Mon 11/02/13
Adjust Conversion Spec & Routines (Electric GIS)	0%	15 days	Tue 12/02/13	Tue 05/03/13
ReRun Pilot Conversion (Electric GIS)	0%	10 days	Wed 06/03/13	Tue 19/03/13
LU Final Review of Pilot Conversion (Electric GIS)	0%	10 days	Wed 20/03/13	Wed 03/04/13
LU Data Conversion Sign Off & Acceptance (Electric GIS)	0%	1 day	Thu 04/04/13	Thu 04/04/13
Data Load to Test Environment (Electric GIS)	0%	1 day	Fri 05/04/13	Fri 05/04/13
⊟ **Testing (GIS)**	**0%**	**77 days**	**Thu 14/03/13**	**Fri 05/07/13**
⊟ **Gas GIS (ArcFM)**	**0%**	**61 days**	**Thu 14/03/13**	**Tue 11/06/13**
Install & Configure Build 1 (Gas GIS)	0%	1 day	Thu 14/03/13	Thu 14/03/13
Test Cycle 1 (Gas GIS)	0%	10 days	Fri 15/03/13	Thu 28/03/13
Install & Configure Build 2 (Gas GIS)	0%	1 day	Mon 01/04/13	Mon 01/04/13
Test Cycle 2 (Gas GIS)	0%	10 days	Tue 02/04/13	Mon 15/04/13
Install & Configure Build 3 (Gas GIS)	0%	1 day	Tue 16/04/13	Tue 16/04/13
Test Cycle 3 (Gas GIS)	0%	10 days	Wed 17/04/13	Tue 30/04/13
Install & Configure Build 4 (Gas GIS)	0%	1 day	Wed 01/05/13	Wed 01/05/13
Test Cycle 4 (Gas GIS)	0%	10 days	Thu 02/05/13	Wed 15/05/13
Install & Configure Build 5 (Gas GIS)	0%	1 day	Thu 16/05/13	Thu 16/05/13
User Training (Gas GIS)	0%	5 days	Fri 17/05/13	Fri 24/05/13
User Acceptance Testing (Gas GIS)	0%	10 days	Tue 28/05/13	Mon 10/06/13
System Sign-Off & Acceptance (Gas GIS)	0%	1 day	Tue 11/06/13	Tue 11/06/13
⊟ **Electric GIS (ArcFM)**	**0%**	**61 days**	**Mon 08/04/13**	**Fri 05/07/13**
Install & Configure Build 1 (Electric GIS)	0%	1 day	Mon 08/04/13	Mon 08/04/13
Test Cycle 1 (Electric GIS)	0%	10 days	Tue 09/04/13	Mon 22/04/13
Install & Configure Build 2 (Electric GIS)	0%	1 day	Tue 23/04/13	Tue 23/04/13
Test Cycle 2 (Electric GIS)	0%	10 days	Wed 24/04/13	Tue 07/05/13
Install & Configure Build 3 (Electric GIS)	0%	1 day	Wed 08/05/13	Wed 08/05/13
Test Cycle 3 (Electric GIS)	0%	10 days	Thu 09/05/13	Thu 23/05/13
Install & Configure Build 4 (Electric GIS)	0%	1 day	Fri 24/05/13	Fri 24/05/13
Test Cycle 4 (Electric GIS)	0%	10 days	Tue 28/05/13	Mon 10/06/13
Install & Configure Build 5 (Electric GIS)	0%	1 day	Tue 11/06/13	Tue 11/06/13
User Training (Electric GIS)	0%	5 days	Wed 12/06/13	Tue 18/06/13
User Acceptance Testing (Electric GIS)	0%	10 days	Wed 19/06/13	Wed 03/07/13
System Sign-Off & Acceptance (Electric GIS)	0%	1 day	Fri 05/07/13	Fri 05/07/13
⊟ **Implementation (GIS)**	**0%**	**21 days**	**Wed 12/06/13**	**Fri 12/07/13**
Execute Cutover Plan (Gas GIS)	0%	2 days	Wed 12/06/13	Thu 13/06/13
Review Cutover Checklist (Gas GIS)	0%	2 days	Fri 14/06/13	Mon 17/06/13
Go Live (Gas GIS)	0%	1 day	Tue 18/06/13	Tue 18/06/13
Execute Cutover Plan (Electric GIS)	0%	2 days	Mon 08/07/13	Tue 09/07/13
Review Cutover Checklist (Electric GIS)	0%	2 days	Wed 10/07/13	Thu 11/07/13
Go Live (Electric GIS)	0%	1 day	Fri 12/07/13	Fri 12/07/13
⊟ **SCADA (OASyS)**	**0%**	**256 days**	**Mon 17/09/12**	**Tue 01/10/13**
SCADA Implementation Kickoff (OASyS)	0%	1 day	Mon 17/09/12	Mon 17/09/12
⊟ **Design (SCADA)**	**0%**	**92 days**	**Tue 18/09/12**	**Mon 04/02/13**
⊟ **Design Sessions (SCADA)**	**0%**	**14 days**	**Tue 18/09/12**	**Fri 05/10/12**
Gather Functional Requirements (SCADA)	0%	3 days	Tue 18/09/12	Thu 20/09/12
Design Architecture and Configuration (SCADA)	0%	5 days	Fri 21/09/12	Thu 27/09/12
Develop Data Migration/Conversion Plan (SCADA)	0%	2 days	Fri 28/09/12	Mon 01/10/12
Develop Testing Strategy (SCADA)	0%	2 days	Tue 02/10/12	Wed 03/10/12
Develop Implementation Plan (SCADA)	0%	2 days	Thu 04/10/12	Fri 05/10/12
⊟ **System Design Document - Version 1 (Gas SCADA)**	**0%**	**28 days**	**Mon 15/10/12**	**Mon 26/11/12**
Document Functional Requirements (Gas SCADA)	0%	10 days	Mon 15/10/12	Fri 26/10/12
Document Architecture & Configuration (Gas SCADA)	0%	10 days	Mon 22/10/12	Fri 02/11/12
Ver 1 Review & Comments (Gas SCADA)	0%	3 days	Mon 05/11/12	Wed 07/11/12
Ver 1 Comments Inclusion (Gas SCADA)	0%	3 days	Thu 08/11/12	Tue 13/11/12
Ver 1 Final Review & Comments (Gas SCADA)	0%	3 days	Wed 14/11/12	Fri 16/11/12
Ver 1 Final Comments Inclusion (Gas SCADA)	0%	3 days	Mon 19/11/12	Wed 21/11/12
Ver 1 Sign Off & Acceptance (Gas SCADA)	0%	1 day	Mon 26/11/12	Mon 26/11/12

Task Name	% Complete	Duration	Start	Finish
⊟ System Design Document - Version 2 (Gas SCADA)	0%	29 days	Tue 27/11/12	Wed 09/01/13
Document Data Migrations/Conversions (Gas SCADA)	0%	10 days	Tue 27/11/12	Mon 10/12/12
Ver 2 Review & Comments (Gas SCADA)	0%	3 days	Tue 11/12/12	Thu 13/12/12
Ver 2 Comments Inclusion (Gas SCADA)	0%	3 days	Fri 14/12/12	Tue 18/12/12
Ver 2 Final Review & Comments (Gas SCADA)	0%	3 days	Wed 19/12/12	Fri 21/12/12
Ver 2 Final Comments Inclusion (Gas SCADA)	0%	3 days	Mon 24/12/12	Fri 28/12/12
Ver 2 Sign Off & Acceptance (Gas SCADA)	0%	1 day	Mon 31/12/12	Mon 31/12/12
Evaluate Project Plan (Gas SCADA)	0%	3 days	Wed 02/01/13	Fri 04/01/13
Replan If Necessary (Gas SCADA)	0%	3 days	Mon 07/01/13	Wed 09/01/13
⊟ System Design Document - Version 3 (Gas SCADA)	0%	23 days	Wed 02/01/13	Mon 04/02/13
Document Testing Plan (Gas SCADA)	0%	10 days	Wed 02/01/13	Tue 15/01/13
Document Implementation Plan (Gas SCADA)	0%	10 days	Wed 02/01/13	Tue 15/01/13
Ver 3 Review & Comments (Gas SCADA)	0%	3 days	Wed 16/01/13	Fri 18/01/13
Ver 3 Comments Inclusion (Gas SCADA)	0%	3 days	Tue 22/01/13	Thu 24/01/13
Ver 3 Final Review & Comments (Gas SCADA)	0%	3 days	Fri 25/01/13	Tue 29/01/13
Ver 3 Final Comments Inclusion (Gas SCADA)	0%	3 days	Wed 30/01/13	Fri 01/02/13
Ver 3 Sign Off & Acceptance (Gas SCADA)	0%	1 day	Mon 04/02/13	Mon 04/02/13
⊟ System Design Document - Version 1 (Electric SCADA)	0%	28 days	Fri 21/09/12	Wed 31/10/12
Document Functional Requirements (Electric SCADA)	0%	10 days	Fri 21/09/12	Thu 04/10/12
Document Architecture & Configuration (Electric SCADA)	0%	10 days	Fri 28/09/12	Fri 12/10/12
Ver 1 Review & Comments (Electric SCADA)	0%	3 days	Mon 15/10/12	Wed 17/10/12
Ver 1 Comments Inclusion (Electric SCADA)	0%	3 days	Thu 18/10/12	Mon 22/10/12
Ver 1 Final Review & Comments (Electric SCADA)	0%	3 days	Tue 23/10/12	Thu 25/10/12
Ver 1 Final Comments Inclusion (Electric SCADA)	0%	3 days	Fri 26/10/12	Tue 30/10/12
Ver 1 Sign Off & Acceptance (Electric SCADA)	0%	1 day	Wed 31/10/12	Wed 31/10/12
⊟ System Design Document - Version 2 (Electric SCADA)	0%	29 days	Thu 01/11/12	Fri 14/12/12
Document Data Migrations/Conversions (Electric SCADA)	0%	10 days	Thu 01/11/12	Thu 15/11/12
Ver 2 Review & Comments (Electric SCADA)	0%	3 days	Fri 16/11/12	Tue 20/11/12
Ver 2 Comments Inclusion (Electric SCADA)	0%	3 days	Wed 21/11/12	Tue 27/11/12
Ver 2 Final Review & Comments (Electric SCADA)	0%	3 days	Wed 28/11/12	Fri 30/11/12
Ver 2 Final Comments Inclusion (Electric SCADA)	0%	3 days	Mon 03/12/12	Wed 05/12/12
Ver 2 Sign Off & Acceptance (Electric SCADA)	0%	1 day	Thu 06/12/12	Thu 06/12/12
Evaluate Project Plan (Electric SCADA)	0%	3 days	Fri 07/12/12	Tue 11/12/12
Replan If Necessary (Electric SCADA)	0%	3 days	Wed 12/12/12	Fri 14/12/12
⊟ System Design Document - Version 3 (Electric SCADA)	0%	23 days	Fri 07/12/12	Fri 11/01/13
Document Testing Plan (Electric SCADA)	0%	10 days	Fri 07/12/12	Thu 20/12/12
Document Implementation Plan (Electric SCADA)	0%	10 days	Fri 07/12/12	Thu 20/12/12
Ver 3 Review & Comments (Electric SCADA)	0%	3 days	Fri 21/12/12	Thu 27/12/12
Ver 3 Comments Inclusion (Electric SCADA)	0%	3 days	Fri 28/12/12	Wed 02/01/13
Ver 3 Final Review & Comments (Electric SCADA)	0%	3 days	Thu 03/01/13	Mon 07/01/13
Ver 3 Final Comments Inclusion (Electric SCADA)	0%	3 days	Tue 08/01/13	Thu 10/01/13
Ver 3 Sign Off & Acceptance (Electric SCADA)	0%	1 day	Fri 11/01/13	Fri 11/01/13
⊟ Configure Test Environment (SCADA)	0%	42 days	Tue 27/11/12	Tue 29/01/13
⊟ Infrastructure (SCADA)	0%	20 days	Tue 27/11/12	Mon 24/12/12
Build Virtual Servers (SCADA)	0%	5 days	Tue 27/11/12	Mon 03/12/12
Install & Configure DC Servers (SCADA)	0%	3 days	Tue 04/12/12	Thu 06/12/12
Install & Configure Eng Station (SCADA)	0%	4 days	Fri 07/12/12	Wed 12/12/12
Configure Security (SCADA)	0%	3 days	Thu 13/12/12	Mon 17/12/12
Bring Servers Online (SCADA)	0%	1 day	Tue 18/12/12	Tue 18/12/12
Configure Citrix Environment (SCADA)	0%	3 days	Wed 19/12/12	Fri 21/12/12
Test Connectivity and Availability (SCADA Servers)	0%	1 day	Mon 24/12/12	Mon 24/12/12
⊟ Databases (SCADA)	0%	8 days	Thu 27/12/12	Tue 08/01/13
Install & Configure Databases (SCADA)	0%	3 days	Thu 27/12/12	Mon 31/12/12
Load Test Data (SCADA)	0%	2 days	Wed 02/01/13	Thu 03/01/13
Tune Database (SCADA)	0%	2 days	Fri 04/01/13	Mon 07/01/13
Test Connectivity and Availability (SCADA Databases)	0%	1 day	Tue 08/01/13	Tue 08/01/13
⊟ Software (SCADA)	0%	39 days	Tue 27/11/12	Thu 24/01/13
Procure Software (SCADA)	0%	5 days	Tue 27/11/12	Mon 03/12/12
Install and Configure OASyS (SCADA)	0%	5 days	Wed 09/01/13	Tue 15/01/13
Install and Configure OASyS on Citrix (SCADA)	0%	3 days	Wed 09/01/13	Fri 11/01/13
Install & Configure Workstations (SCADA)	0%	5 days	Wed 16/01/13	Wed 23/01/13
Test Connectivity and Availability (SCADA Software)	0%	1 day	Thu 24/01/13	Thu 24/01/13
Test the Full System Configuration (SCADA)	0%	3 days	Fri 25/01/13	Tue 29/01/13

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Task Name	% Complete	Duration	Start	Finish
⊟ Development (SCADA)	0%	34 days	Fri 07/12/12	Tue 29/01/13
⊟ Development Gas SCADA (OASyS to OASyS)	0%	19 days	Wed 02/01/13	Tue 29/01/13
Selected Protocol Integration (Gas SCADA)	0%	2 days	Wed 02/01/13	Thu 03/01/13
Gas Protocol Implementation (Gas SCADA)	0%	2 days	Fri 04/01/13	Mon 07/01/13
Gas Day Operations (GDO) (Gas SCADA)	0%	2 days	Tue 08/01/13	Wed 09/01/13
Migrate Displays (Gas SCADA)	0%	10 days	Thu 10/01/13	Thu 24/01/13
Migrate Calculations (Gas SCADA)	0%	3 days	Fri 25/01/13	Tue 29/01/13
⊟ Development Electric SCADA (ABB to OASyS)	0%	32 days	Fri 07/12/12	Fri 25/01/13
Selected Protocol Integration (Electric SCADA)	0%	2 days	Fri 07/12/12	Mon 10/12/12
Electric Protocol Implementation (Electric SCADA)	0%	2 days	Tue 11/12/12	Wed 12/12/12
Migrate Displays (Electric SCADA)	0%	25 days	Thu 13/12/12	Tue 22/01/13
Migrate Calculations (Electric SCADA)	0%	3 days	Wed 23/01/13	Fri 25/01/13
⊟ Data Conversion/Migration (SCADA)	0%	48 days	Fri 16/11/12	Wed 30/01/13
⊟ Gas (OASyS to OASyS)	0%	33 days	Tue 11/12/12	Wed 30/01/13
National Grid Data Extract (Gas SCADA)	0%	5 days	Tue 11/12/12	Mon 17/12/12
Acquire National Grid Data (Gas SCADA)	0%	1 day	Tue 18/12/12	Tue 18/12/12
⊟ Develop Data Migration (Gas SCADA)	0%	10 days	Wed 02/01/13	Tue 15/01/13
Real Time Data (Gas SCADA)	0%	5 days	Wed 02/01/13	Tue 08/01/13
Historical Data (Gas SCADA)	0%	5 days	Wed 09/01/13	Tue 15/01/13
Execute Data Migration (Gas SCADA)	0%	5 days	Wed 16/01/13	Wed 23/01/13
Data Load to Test Environment (Gas SCADA)	0%	1 day	Wed 30/01/13	Wed 30/01/13
⊟ Electric (ABB to OASyS)	0%	48 days	Fri 16/11/12	Wed 30/01/13
National Grid Data Extract (Electric SCADA)	0%	5 days	Fri 16/11/12	Mon 26/11/12
Acquire National Grid Data (Electric SCADA)	0%	1 day	Tue 27/11/12	Tue 27/11/12
⊟ Develop Data Conversion (Electric SCADA)	0%	23 days	Fri 07/12/12	Fri 11/01/13
Real Time Data (Electric SCADA)	0%	20 days	Fri 07/12/12	Tue 08/01/13
Historical Data (Electric SCADA)	0%	3 days	Wed 09/01/13	Fri 11/01/13
Execute Data Conversion (Electric SCADA)	0%	3 days	Mon 14/01/13	Wed 16/01/13
Data Load to Test Environment (Electric SCADA)	0%	1 day	Wed 30/01/13	Wed 30/01/13
⊟ Testing (SCADA)	0%	161 days	Thu 31/01/13	Tue 24/09/13
⊟ Gas SCADA (OASyS)	0%	116 days	Tue 05/02/13	Wed 24/07/13
Install & Configure Build 1 (Gas SCADA)	0%	1 day	Tue 05/02/13	Tue 05/02/13
Test Cycle 1 (Gas SCADA)	0%	20 days	Wed 06/02/13	Wed 06/03/13
Install & Configure Build 2 (Gas SCADA)	0%	1 day	Thu 07/03/13	Thu 07/03/13
Test Cycle 2 (Gas SCADA)	0%	20 days	Fri 08/03/13	Fri 05/04/13
Install & Configure Build 3 (Gas SCADA)	0%	1 day	Mon 08/04/13	Mon 08/04/13
Test Cycle 3 (Gas SCADA)	0%	20 days	Tue 09/04/13	Mon 06/05/13
Install & Configure Build 4 (Gas SCADA)	0%	1 day	Tue 07/05/13	Tue 07/05/13
Test Cycle 4 (Gas SCADA)	0%	15 days	Wed 08/05/13	Thu 30/05/13
Install & Configure Build 5 (Gas SCADA)	0%	1 day	Fri 31/05/13	Fri 31/05/13
User Training (Gas SCADA)	0%	5 days	Mon 03/06/13	Fri 07/06/13
Connect & Reconfigure Field Equipment (Gas SCADA)	0%	10 days	Mon 10/06/13	Fri 21/06/13
User Acceptance/Parallel Testing (Gas SCADA)	0%	20 days	Mon 24/06/13	Tue 23/07/13
System Sign-Off & Acceptance (Gas SCADA)	0%	1 day	Wed 24/07/13	Wed 24/07/13
⊟ Implementation (SCADA)	0%	47 days	Thu 25/07/13	Tue 01/10/13
Execute Cutover Plan (Gas SCADA)	0%	2 days	Thu 25/07/13	Fri 26/07/13
Review Cutover Checklist (Gas SCADA)	0%	2 days	Mon 29/07/13	Tue 30/07/13
Go Live (Gas SCADA)	0%	1 day	Wed 31/07/13	Wed 31/07/13
Execute Cutover Plan (Electric SCADA)	0%	2 days	Wed 25/09/13	Thu 26/09/13
Review Cutover Checklist (Electric SCADA)	0%	2 days	Fri 27/09/13	Mon 30/09/13
Go Live (Electric SCADA)	0%	1 day	Tue 01/10/13	Tue 01/10/13
⊟ Designer	0%	197 days	Tue 09/04/13	Mon 27/01/14
Designer Implementation Kickoff	0%	1 day	Tue 09/04/13	Tue 09/04/13
⊟ Design (Designer)	0%	72 days	Wed 10/04/13	Wed 24/07/13
⊟ Design Sessions (Designer)	0%	15 days	Wed 10/04/13	Tue 30/04/13
Gather Functional Requirements (Designer)	0%	5 days	Wed 10/04/13	Tue 16/04/13
Design Integrations & Interfaces (Designer)	0%	4 days	Wed 17/04/13	Mon 22/04/13
Integration Review w/ M2C and ERP (Designer)	0%	2 days	Tue 23/04/13	Wed 24/04/13
Develop Testing Strategy (Designer)	0%	2 days	Thu 25/04/13	Fri 26/04/13
Develop Implementation Plan (Designer)	0%	2 days	Mon 29/04/13	Tue 30/04/13

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Task Name	% Complete	Duration	Start	Finish
⊟ System Design Document - Version 1 (Gas Designer)	0%	35 days	Wed 17/04/13	Thu 06/06/13
Document Functional Requirements (Gas Designer)	0%	10 days	Wed 17/04/13	Tue 30/04/13
Document Integrations & Interfaces (Gas Designer)	0%	10 days	Thu 25/04/13	Wed 08/05/13
Ver 1 Review & Comments (Gas Designer)	0%	3 days	Thu 09/05/13	Mon 13/05/13
Ver 1 Comments Inclusion (Gas Designer)	0%	3 days	Tue 14/05/13	Thu 16/05/13
Ver 1 Final Review & Comments (Gas Designer)	0%	3 days	Fri 17/05/13	Wed 22/05/13
Ver 1 Final Comments Inclusion (Gas Designer)	0%	3 days	Thu 23/05/13	Tue 28/05/13
Ver 1 Sign Off & Acceptance (Gas Designer)	0%	1 day	Wed 29/05/13	Wed 29/05/13
Evaluate Project Plan (Gas Designer)	0%	3 days	Thu 30/05/13	Mon 03/06/13
Replan If Necessary (Gas Designer)	0%	3 days	Tue 04/06/13	Thu 06/06/13
⊟ System Design Document - Version 2 (Gas Designer)	0%	23 days	Thu 30/05/13	Tue 02/07/13
Document Testing Plan (Gas Designer)	0%	10 days	Thu 30/05/13	Wed 12/06/13
Document Implementation Plan (Gas Designer)	0%	10 days	Thu 30/05/13	Wed 12/06/13
Ver 2 Review & Comments (Gas Designer)	0%	3 days	Thu 13/06/13	Mon 17/06/13
Ver 2 Comments Inclusion (Gas Designer)	0%	3 days	Tue 18/06/13	Thu 20/06/13
Ver 2 Final Review & Comments (Gas Designer)	0%	3 days	Fri 21/06/13	Tue 25/06/13
Ver 2 Final Comments Inclusion (Gas Designer)	0%	3 days	Wed 26/06/13	Fri 28/06/13
Ver 2 Sign Off & Acceptance (Gas Designer)	0%	1 day	Tue 02/07/13	Tue 02/07/13
⊟ System Design Document - Version 1 (Electric Designer)	0%	35 days	Wed 08/05/13	Thu 27/06/13
Document Functional Requirements (Electric Designer)	0%	10 days	Wed 08/05/13	Wed 22/05/13
Document Integrations & Interfaces (Electric Designer)	0%	10 days	Thu 16/05/13	Fri 31/05/13
Ver 1 Review & Comments (Electric Designer)	0%	3 days	Mon 03/06/13	Wed 05/06/13
Ver 1 Comments Inclusion (Electric Designer)	0%	3 days	Thu 06/06/13	Mon 10/06/13
Ver 1 Final Review & Comments (Electric Designer)	0%	3 days	Tue 11/06/13	Thu 13/06/13
Ver 1 Final Comments Inclusion (Electric Designer)	0%	3 days	Fri 14/06/13	Tue 18/06/13
Ver 1 Sign Off & Acceptance (Electric Designer)	0%	1 day	Wed 19/06/13	Wed 19/06/13
Replan If Necessary (Electric Designer)	0%	3 days	Thu 20/06/13	Mon 24/06/13
Adjust Project Schedule (Electric Designer)	0%	3 days	Tue 25/06/13	Thu 27/06/13
⊟ System Design Document - Version 2 (Electric Designer)	0%	23 days	Thu 20/06/13	Wed 24/07/13
Document Testing Plan (Electric Designer)	0%	10 days	Thu 20/06/13	Fri 05/07/13
Document Implementation Plan (Electric Designer)	0%	10 days	Thu 20/06/13	Fri 05/07/13
Ver 2 Review & Comments (Electric Designer)	0%	3 days	Mon 08/07/13	Wed 10/07/13
Ver 2 Comments Inclusion (Electric Designer)	0%	3 days	Thu 11/07/13	Mon 15/07/13
Ver 2 Final Review & Comments (Electric Designer)	0%	3 days	Tue 16/07/13	Thu 18/07/13
Ver 2 Final Comments Inclusion (Electric Designer)	0%	3 days	Fri 19/07/13	Tue 23/07/13
Ver 2 Sign Off & Acceptance (Electric Designer)	0%	1 day	Wed 24/07/13	Wed 24/07/13
⊟ Configure Test Environment (Designer)	0%	47 days	Wed 01/05/13	Wed 10/07/13
⊟ Databases (Designer)	0%	37 days	Wed 01/05/13	Mon 24/06/13
Extract National Grid Data (Designer)	0%	5 days	Wed 01/05/13	Tue 07/05/13
Acquire National Grid Data (Designer)	0%	1 day	Wed 08/05/13	Wed 08/05/13
Load Test Data (Designer)	0%	2 days	Thu 20/06/13	Fri 21/06/13
Test Connectivity and Availability (Designer Databases)	0%	1 day	Mon 24/06/13	Mon 24/06/13
⊟ Software (Designer)	0%	10 days	Thu 20/06/13	Fri 05/07/13
Procure Software (Designer)	0%	5 days	Thu 20/06/13	Wed 26/06/13
Install and Configure Designer (Designer)	0%	4 days	Thu 27/06/13	Wed 03/07/13
Test Connectivity and Availability (Designer Software)	0%	1 day	Fri 05/07/13	Fri 05/07/13
Test the Full System Configuration (Designer)	0%	3 days	Mon 08/07/13	Wed 10/07/13
⊟ Development (Designer)	0%	66 days	Thu 20/06/13	Wed 25/09/13
⊟ Development Designer	0%	66 days	Thu 20/06/13	Wed 25/09/13
⊟ Quadra to Designer Integration (Designer)	0%	43 days	Thu 20/06/13	Thu 22/08/13
Draft Quadra Component Spec (Designer)	0%	4 days	Thu 20/06/13	Tue 25/06/13
LU Review & Comments Quadra Component Spec (Designer)	0%	3 days	Wed 26/06/13	Fri 28/06/13
Revise Quadra Component Spec (Designer)	0%	1 day	Tue 02/07/13	Tue 02/07/13
LU Sign Off & Acceptance Quadra Component Spec (Designer)	0%	1 day	Wed 03/07/13	Wed 03/07/13
Initial Quadra Integration Development (Designer)	0%	20 days	Fri 05/07/13	Thu 01/08/13
Quadra Integration Prototype & Code Review (Designer)	0%	2 days	Fri 02/08/13	Tue 06/08/13
Final Quadra Integration Development (Designer)	0%	12 days	Wed 07/08/13	Thu 22/08/13
⊟ Designer Configuration (Designer)	0%	23 days	Fri 23/08/13	Wed 25/09/13
Designer Configuration Workshop Gas (Designer)	0%	5 days	Fri 23/08/13	Thu 29/08/13
Designer Configuration Workshop Electric (Designer)	0%	5 days	Fri 30/08/13	Fri 06/09/13
⊟ Compatible Unit Library (Designer)	0%	13 days	Mon 09/09/13	Wed 25/09/13
Provide Utility CU Library Gas & Electric (Designer)	0%	2 days	Mon 09/09/13	Tue 10/09/13
Initial CU Development in Workflow Manager (Designer)	0%	4 days	Wed 11/09/13	Mon 16/09/13
CU Workshop (Designer)	0%	3 days	Tue 17/09/13	Thu 19/09/13
Configure Extended Data Manager in Designer Gas (Designer)	0%	2 days	Fri 20/09/13	Mon 23/09/13
Configure Extended Data Manager in Designer Electric (Designer)	0%	2 days	Tue 24/09/13	Wed 25/09/13

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Task Name	% Complete	Duration	Start	Finish
⊟ Testing (Designer)	0%	76 days	Thu 26/09/13	Fri 17/01/14
⊟ Gas (Designer)	0%	76 days	Thu 26/09/13	Fri 17/01/14
Install & Configure Build 1 (Gas Designer)	0%	1 day	Thu 26/09/13	Thu 26/09/13
Test Cycle 1 (Gas Designer)	0%	10 days	Mon 21/10/13	Fri 01/11/13
Install & Configure Build 2 (Gas Designer)	0%	1 day	Mon 04/11/13	Mon 04/11/13
Test Cycle 2 (Gas Designer)	0%	10 days	Tue 05/11/13	Tue 19/11/13
Install & Configure Build 3 (Gas Designer)	0%	1 day	Wed 20/11/13	Wed 20/11/13
Test Cycle 3 (Gas Designer)	0%	10 days	Thu 21/11/13	Fri 06/12/13
Install & Configure Build 4 (Gas Designer)	0%	1 day	Mon 09/12/13	Mon 09/12/13
Test Cycle 4 (Gas Designer)	0%	10 days	Tue 10/12/13	Mon 23/12/13
Install & Configure Build 5 (Gas Designer)	0%	1 day	Tue 24/12/13	Tue 24/12/13
User Training (Gas Designer)	0%	5 days	Fri 27/12/13	Thu 02/01/14
User Acceptance Testing (Gas Designer)	0%	10 days	Fri 03/01/14	Thu 16/01/14
System Sign-Off & Acceptance (Gas Designer)	0%	1 day	Fri 17/01/14	Fri 17/01/14
⊟ Electric (Designer)	0%	61 days	Thu 26/09/13	Fri 27/12/13
Install & Configure Build 1 (Electric Designer)	0%	1 day	Thu 26/09/13	Thu 26/09/13
Test Cycle 1 (Electric Designer)	0%	10 days	Fri 27/09/13	Thu 10/10/13
Install & Configure Build 2 (Electric Designer)	0%	1 day	Fri 11/10/13	Fri 11/10/13
Test Cycle 2 (Electric Designer)	0%	10 days	Tue 15/10/13	Mon 28/10/13
Install & Configure Build 3 (Electric Designer)	0%	1 day	Tue 29/10/13	Tue 29/10/13
Test Cycle 3 (Electric Designer)	0%	10 days	Wed 30/10/13	Wed 13/11/13
Install & Configure Build 4 (Electric Designer)	0%	1 day	Thu 14/11/13	Thu 14/11/13
Test Cycle 4 (Electric Designer)	0%	10 days	Fri 15/11/13	Mon 02/12/13
Install & Configure Build 5 (Electric Designer)	0%	1 day	Tue 03/12/13	Tue 03/12/13
User Training (Electric Designer)	0%	5 days	Wed 04/12/13	Tue 10/12/13
User Acceptance Testing (Electric Designer)	0%	10 days	Wed 11/12/13	Tue 24/12/13
System Sign-Off & Acceptance (Electric Designer)	0%	1 day	Fri 27/12/13	Fri 27/12/13
⊟ Implementation (Designer)	0%	20 days	Mon 30/12/13	Mon 27/01/14
Execute Cutover Plan (Gas Designer)	0%	2 days	Tue 21/01/14	Wed 22/01/14
Review Cutover Checklist (Gas Designer)	0%	2 days	Thu 23/01/14	Fri 24/01/14
Go Live (Gas Designer)	0%	1 day	Mon 27/01/14	Mon 27/01/14
Execute Cutover Plan (Electric Designer)	0%	2 days	Mon 30/12/13	Tue 31/12/13
Review Cutover Checklist (Electric Designer)	0%	2 days	Wed 01/01/14	Thu 02/01/14
Go Live (Electric Designer)	0%	1 day	Fri 03/01/14	Fri 03/01/14
⊟ OMS (Responder)	0%	201 days	Tue 09/04/13	Fri 31/01/14
OMS Implementation Kickoff (Responder)	0%	1 day	Tue 09/04/13	Tue 09/04/13
Project Team Training (OMS)	0%	2 days	Wed 10/04/13	Thu 11/04/13
⊟ Design (OMS)	0%	53 days	Fri 12/04/13	Thu 27/06/13
⊟ Design Sessions (OMS)	0%	11 days	Fri 12/04/13	Fri 26/04/13
Gather Functional & Integration Requirements (OMS)	0%	4 days	Fri 12/04/13	Wed 17/04/13
Integration Review w/ M2C and ERP (OMS)	0%	2 days	Thu 18/04/13	Fri 19/04/13
Design Architecture and Configuration (OMS)	0%	1 day	Mon 22/04/13	Mon 22/04/13
Develop Testing Strategy (OMS)	0%	2 days	Tue 23/04/13	Wed 24/04/13
Develop Implementation Plan (OMS)	0%	2 days	Thu 25/04/13	Fri 26/04/13
⊟ System Design Document - Version 1 (OMS)	0%	30 days	Mon 22/04/13	Tue 04/06/13
Document Functional & Integration Requirements (OMS)	0%	10 days	Mon 22/04/13	Fri 03/05/13
Document Architecture & Configuration (OMS)	0%	10 days	Tue 23/04/13	Mon 06/05/13
Ver 1 Review & Comments (OMS)	0%	3 days	Tue 07/05/13	Thu 09/05/13
Ver 1 Comments Inclusion (OMS)	0%	3 days	Fri 10/05/13	Tue 14/05/13
Ver 1 Final Review & Comments (OMS)	0%	3 days	Wed 15/05/13	Fri 17/05/13
Ver 1 Final Comments Inclusion (OMS)	0%	3 days	Tue 21/05/13	Thu 23/05/13
Ver 1 Sign Off & Acceptance (OMS)	0%	1 day	Fri 24/05/13	Fri 24/05/13
Evaluate Project Plan (OMS)	0%	3 days	Tue 28/05/13	Thu 30/05/13
Replan If Necessary (OMS)	0%	3 days	Fri 31/05/13	Tue 04/06/13
⊟ System Design Document - Version 2 (OMS)	0%	23 days	Tue 28/05/13	Thu 27/06/13
Document Testing Plan (OMS)	0%	10 days	Tue 28/05/13	Mon 10/06/13
Document Implementation Plan (OMS)	0%	10 days	Tue 28/05/13	Mon 10/06/13
Ver 2 Review & Comments (OMS)	0%	3 days	Tue 11/06/13	Thu 13/06/13
Ver 2 Comments Inclusion (OMS)	0%	3 days	Fri 14/06/13	Tue 18/06/13
Ver 2 Final Review & Comments (OMS)	0%	3 days	Wed 19/06/13	Fri 21/06/13
Ver 2 Final Comments Inclusion (OMS)	0%	3 days	Mon 24/06/13	Wed 26/06/13
Ver 2 Sign Off & Acceptance (OMS)	0%	1 day	Thu 27/06/13	Thu 27/06/13

Task Name	% Complete	Duration	Start	Finish
⊟ Configure Test Environment (OMS)	0%	49 days	Tue 28/05/13	Wed 07/08/13
⊟ Infrastructure (OMS)	0%	13 days	Tue 28/05/13	Thu 13/06/13
Build Virtual Servers (OMS)	0%	3 days	Tue 28/05/13	Thu 30/05/13
Configure Servers (OMS)	0%	3 days	Fri 31/05/13	Tue 04/06/13
Configure Security (OMS)	0%	2 days	Wed 05/06/13	Thu 06/06/13
Bring Servers Online (OMS)	0%	1 day	Fri 07/06/13	Fri 07/06/13
Configure Citrix Environment (OMS)	0%	3 days	Mon 10/06/13	Wed 12/06/13
Test Connectivity and Availability (OMS Servers)	0%	1 day	Thu 13/06/13	Thu 13/06/13
⊟ Databases (OMS)	0%	25 days	Fri 14/06/13	Mon 22/07/13
Install & Configure Databases (OMS)	0%	3 days	Fri 14/06/13	Tue 18/06/13
Install and Configure ArcSDE (OMS)	0%	3 days	Wed 19/06/13	Fri 21/06/13
Load Test Data (OMS)	0%	2 days	Mon 24/06/13	Tue 25/06/13
Tune Database (OMS)	0%	2 days	Wed 26/06/13	Thu 27/06/13
Configure Database Replication w/ ArcFM (OMS)	0%	5 days	Mon 15/07/13	Fri 19/07/13
Test Connectivity and Availability (OMS Databases)	0%	1 day	Mon 22/07/13	Mon 22/07/13
⊟ Software (OMS)	0%	46 days	Tue 28/05/13	Thu 01/08/13
Procure Software (OMS)	0%	5 days	Tue 28/05/13	Mon 03/06/13
Install and Configure ArcGIS Server (OMS)	0%	3 days	Tue 23/07/13	Thu 25/07/13
Install and Configure Responder on Citrix (OMS)	0%	3 days	Fri 26/07/13	Tue 30/07/13
Test Connectivity and Availability (OMS Software)	0%	2 days	Wed 31/07/13	Thu 01/08/13
Test the Full System Configuration (OMS)	0%	3 days	Fri 02/08/13	Wed 07/08/13
⊟ Development (OMS)	0%	79 days	Fri 28/06/13	Wed 23/10/13
⊟ IVR Integration (OMS)	0%	23 days	Fri 28/06/13	Thu 01/08/13
Draft IVR Component Spec (OMS)	0%	2 days	Fri 28/06/13	Tue 02/07/13
LU Review & Comments IVR Component Spec (OMS)	0%	3 days	Wed 03/07/13	Mon 08/07/13
Revise IVR Component Spec (OMS)	0%	1 day	Tue 09/07/13	Tue 09/07/13
LU Sign Off & Acceptance IVR Component Spec (OMS)	0%	1 day	Wed 10/07/13	Wed 10/07/13
Initial IVR Integration Development (OMS)	0%	10 days	Thu 11/07/13	Wed 24/07/13
IVR Integration Prototype & Code Review (OMS)	0%	1 day	Thu 25/07/13	Thu 25/07/13
Final IVR Integration Development (OMS)	0%	5 days	Fri 26/07/13	Thu 01/08/13
⊟ AVL Integration (OMS)	0%	22 days	Fri 02/08/13	Wed 04/09/13
Draft AVL Component Spec (OMS)	0%	2 days	Fri 02/08/13	Tue 06/08/13
LU Review & Comments AVL Component Spec (OMS)	0%	3 days	Wed 07/08/13	Fri 09/08/13
Revise AVL Component Spec (OMS)	0%	1 day	Mon 12/08/13	Mon 12/08/13
LU Sign Off & Acceptance AVL Component Spec (OMS)	0%	1 day	Tue 13/08/13	Tue 13/08/13
Initial AVL Integration Development (OMS)	0%	7 days	Wed 14/08/13	Thu 22/08/13
AVL Integration Prototype & Code Review (OMS)	0%	1 day	Fri 23/08/13	Fri 23/08/13
Final AVL Integration Development (OMS)	0%	7 days	Mon 26/08/13	Wed 04/09/13
⊟ SCADA Integration (OMS)	0%	22 days	Thu 05/09/13	Fri 04/10/13
Draft SCADA Component Spec (OMS)	0%	2 days	Thu 05/09/13	Fri 06/09/13
LU Review & Comments SCADA Component Spec (OMS)	0%	3 days	Mon 09/09/13	Wed 11/09/13
Revise SCADA Component Spec (OMS)	0%	1 day	Thu 12/09/13	Thu 12/09/13
LU Sign Off & Acceptance SCADA Component Spec (OMS)	0%	1 day	Fri 13/09/13	Fri 13/09/13
Initial SCADA Integration Development (OMS)	0%	7 days	Mon 16/09/13	Tue 24/09/13
SCADA Integration Prototype & Code Review (OMS)	0%	1 day	Wed 25/09/13	Wed 25/09/13
Final SCADA Integration Development (OMS)	0%	7 days	Thu 26/09/13	Fri 04/10/13
⊟ Responder Functional Review (OMS)	0%	12 days	Mon 07/10/13	Wed 23/10/13
Responder Functional Review (OMS)	0%	2 days	Mon 07/10/13	Tue 08/10/13
Responder Integration Functional Review (OMS)	0%	5 days	Wed 09/10/13	Wed 16/10/13
Resolve Functional Issues (OMS)	0%	5 days	Thu 17/10/13	Wed 23/10/13
⊟ Testing (OMS)	0%	61 days	Thu 24/10/13	Fri 24/01/14
Install & Configure Build 1 (OMS)	0%	1 day	Thu 24/10/13	Thu 24/10/13
Test Cycle 1 (OMS)	0%	10 days	Fri 25/10/13	Thu 07/11/13
Install & Configure Build 2 (OMS)	0%	1 day	Fri 08/11/13	Fri 08/11/13
Test Cycle 2 (OMS)	0%	10 days	Tue 12/11/13	Mon 25/11/13
Install & Configure Build 3 (OMS)	0%	1 day	Tue 26/11/13	Tue 26/11/13
Test Cycle 3 (OMS)	0%	10 days	Wed 27/11/13	Thu 12/12/13
Install & Configure Build 4 (OMS)	0%	1 day	Fri 13/12/13	Fri 13/12/13
Test Cycle 4 (OMS)	0%	10 days	Mon 16/12/13	Tue 31/12/13
Install & Configure Build 5 (OMS)	0%	1 day	Wed 01/01/14	Wed 01/01/14
User Training (OMS)	0%	5 days	Thu 02/01/14	Wed 08/01/14
User Acceptance Testing (OMS)	0%	10 days	Thu 09/01/14	Thu 23/01/14
System Sign-Off & Acceptance (OMS)	0%	1 day	Fri 24/01/14	Fri 24/01/14

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Task Name	% Complete	Duration	Start	Finish
⊟ **Implementation (OMS)**	**0%**	**5 days**	**Mon 27/01/14**	**Fri 31/01/14**
Execute Cutover Plan (OMS)	0%	2 days	Mon 27/01/14	Tue 28/01/14
Review Cutover Checklist (OMS)	0%	2 days	Wed 29/01/14	Thu 30/01/14
Go Live (OMS)	0%	1 day	Fri 31/01/14	Fri 31/01/14
⊟ **Non-Telvent Work**	**0%**	**128 days**	**Mon 17/09/12**	**Tue 26/03/13**
⊟ **Fortis & Documentum to Sharepoint (DMS)**	**0%**	**128 days**	**Mon 17/09/12**	**Tue 26/03/13**
National Grid Sample Data Extract (DMS)	0%	5 days	Mon 17/09/12	Fri 21/09/12
Acquire National Grid Data (DMS)	0%	1 day	Mon 24/09/12	Mon 24/09/12
⊟ **Design Sessions (DMS)**	**0%**	**10 days**	**Mon 17/09/12**	**Fri 28/09/12**
Gather Functional Requirements (DMS)	0%	2 days	Mon 17/09/12	Tue 18/09/12
Define Business Processes (DMS)	0%	2 days	Wed 19/09/12	Thu 20/09/12
Develop Data & Search Index Migrations (DMS)	0%	3 days	Wed 19/09/12	Fri 21/09/12
Develop Test Strategy (DMS)	0%	3 days	Mon 24/09/12	Wed 26/09/12
Develop Implementation Plan (DMS)	0%	2 days	Thu 27/09/12	Fri 28/09/12
⊟ **System Design Document - Version 1 (DMS)**	**0%**	**32 days**	**Wed 19/09/12**	**Fri 02/11/12**
Document Functional Requirements (DMS)	0%	10 days	Wed 19/09/12	Tue 02/10/12
Document Business Processes (DMS)	0%	10 days	Fri 21/09/12	Thu 04/10/12
Document Data & Search Index Migrations (DMS)	0%	10 days	Mon 24/09/12	Fri 05/10/12
Ver 1 Review & Comments (DMS)	0%	3 days	Tue 09/10/12	Thu 11/10/12
Ver 1 Comments Inclusion (DMS)	0%	3 days	Fri 12/10/12	Tue 16/10/12
Ver 1 Final Review & Comments (DMS)	0%	3 days	Wed 17/10/12	Fri 19/10/12
Ver 1 Final Comments Inclusion (DMS)	0%	3 days	Mon 22/10/12	Wed 24/10/12
Ver 1 Sign Off & Acceptance (DMS)	0%	1 day	Thu 25/10/12	Thu 25/10/12
Evaluate Project Plan (DMS)	0%	3 days	Fri 26/10/12	Tue 30/10/12
Replan If Necessary (DMS)	0%	3 days	Wed 31/10/12	Fri 02/11/12
⊟ **Development (DMS)**	**0%**	**54 days**	**Fri 21/09/12**	**Tue 11/12/12**
Configure Sharepoint (DMS)	0%	5 days	Fri 26/10/12	Thu 01/11/12
Load Sample Data to Sharepoint (DMS)	0%	5 days	Fri 02/11/12	Thu 08/11/12
Rebuild Search Indexes (DMS)	0%	20 days	Fri 09/11/12	Tue 11/12/12
Redefine Business Processes (DMS)	0%	5 days	Fri 21/09/12	Thu 27/09/12
⊟ **Testing (DMS)**	**0%**	**65 days**	**Wed 12/12/12**	**Tue 19/03/13**
Test Cycle 1 (DMS)	0%	10 days	Wed 12/12/12	Thu 27/12/12
Reconfigure Sharepoint 1 (DMS)	0%	1 day	Fri 28/12/12	Fri 28/12/12
Test Cycle 2 (DMS)	0%	10 days	Mon 31/12/12	Mon 14/01/13
Reconfigure Sharepoint 2 (DMS)	0%	1 day	Tue 15/01/13	Tue 15/01/13
Test Cycle 3 (DMS)	0%	10 days	Wed 16/01/13	Wed 30/01/13
Reconfigure Sharepoint 3 (DMS)	0%	1 day	Thu 31/01/13	Thu 31/01/13
Test Cycle 4 (DMS)	0%	10 days	Fri 01/02/13	Thu 14/02/13
Reconfigure Sharepoint 4 (DMS)	0%	1 day	Fri 15/02/13	Fri 15/02/13
User Training (DMS)	0%	10 days	Tue 19/02/13	Mon 04/03/13
User Acceptance Testing (DMS)	0%	10 days	Tue 05/03/13	Mon 18/03/13
System Sign-Off & Acceptance (DMS)	0%	1 day	Tue 19/03/13	Tue 19/03/13
⊟ **Implementation (DMS)**	**0%**	**5 days**	**Wed 20/03/13**	**Tue 26/03/13**
Execute Cutover Plan (DMS)	0%	2 days	Wed 20/03/13	Thu 21/03/13
Review Cutover Checklist (DMS)	0%	2 days	Fri 22/03/13	Mon 25/03/13
Go Live (DMS)	0%	1 day	Tue 26/03/13	Tue 26/03/13
Transfer Complete	0%	1 day	Mon 03/02/14	Mon 03/02/14

Task Name	% Complete	Duration	Start	Finish
⊟ Meter to Cash	4%	597 days	Tue 03/01/12	Fri 04/04/14
⊟ Customer Information System (Cogsdale)	6%	597 days	Tue 03/01/12	Fri 04/04/14
⊟ Gas	12%	485 days	Tue 03/01/12	Fri 01/11/13
⊟ Project planning, initiation (Gas and Electric)	100%	141 days	Tue 03/01/12	Wed 18/07/12
Planning	100%	25 days	Tue 03/01/12	Mon 06/02/12
Assemble project team	100%	10 days	Thu 19/01/12	Wed 01/02/12
Define project roles and responsibilities	100%	20 days	Thu 19/01/12	Wed 15/02/12
Scope and Schedule review	100%	4 days	Tue 31/01/12	Fri 03/02/12
Kick off meeting	100%	2 days	Thu 19/01/12	Fri 20/01/12
Review Project Plan: Approval of Baseline Version	100%	0 days	Wed 18/07/12	Wed 18/07/12
⊟ Discovery (Gas and Electric)	98%	116 days	Wed 01/02/12	Wed 11/07/12
Product Overview Training (CIS - Cogsdale)	100%	5 days	Mon 05/03/12	Fri 09/03/12
⊟ Scoping Strategy & Workshops	98%	88 days	Mon 12/03/12	Wed 11/07/12
⊟ Business Process Alignment Sessions (GAS and Electricity)	97%	45 days	Mon 12/03/12	Fri 11/05/12
Customer Information	100%	1 day	Mon 12/03/12	Mon 12/03/12
Premise	100%	1 day	Mon 12/03/12	Mon 12/03/12
Service Management	100%	1 day	Mon 12/03/12	Mon 12/03/12
Meter Management	100%	1 day	Mon 19/03/12	Mon 19/03/12
Meter Reading	100%	1 day	Tue 20/03/12	Tue 20/03/12
Field Work	100%	1 day	Wed 21/03/12	Wed 21/03/12
Financial	100%	1 day	Thu 22/03/12	Thu 22/03/12
Billing	100%	1 day	Thu 15/03/12	Thu 15/03/12
Cash	100%	1 day	Wed 14/03/12	Wed 14/03/12
Credit and Collections	100%	1 day	Tue 13/03/12	Tue 13/03/12
Interval Billing	100%	1 day	Wed 21/03/12	Wed 21/03/12
Rates	100%	1 day	Fri 16/03/12	Fri 16/03/12
Other(Workflow, Security)	100%	1 day	Mon 12/03/12	Mon 12/03/12
Customer Choice	100%	1 day	Mon 09/04/12	Mon 09/04/12
Energy Efficiency	100%	1 day	Fri 11/05/12	Fri 11/05/12
Web Self Service	100%	1 day	Mon 12/03/12	Mon 12/03/12
⊟ Business Process Alignment Session Reports	95%	41.5 days	Tue 13/03/12	Wed 09/05/12
Produce Business Processs Alignment Report	100%	10 days	Tue 13/03/12	Fri 30/03/12
Review Business Process Report	90%	10 days	Mon 02/04/12	Fri 13/04/12
Hold Alignment Decision Meetings	80%	2.5 days	Mon 07/05/12	Wed 09/05/12
Prepare for Requirement Phase	100%	5 days	Mon 09/04/12	Fri 13/04/12
Approval to begin Requirement Activities	100%	0 days	Fri 13/04/12	Fri 13/04/12
⊟ Interfaces (GAS and Electric)	99%	52 days	Tue 01/05/12	Wed 11/07/12
⊟ Strategy and workshops	99%	52 days	Tue 01/05/12	Wed 11/07/12
Wennsoft	100%	3 days	Tue 01/05/12	Thu 03/05/12
Non Interval meter Reading - ITRON	100%	3 days	Tue 01/05/12	Thu 03/05/12
Interval meter data - MV90	100%	3 days	Tue 01/05/12	Thu 03/05/12
Meter Data Management	100%	3 days	Tue 01/05/12	Thu 03/05/12
General Ledger	100%	3 days	Tue 01/05/12	Thu 03/05/12
GAS Star	100%	3 days	Tue 01/05/12	Thu 03/05/12
Payments (Lockbox and EFT)	100%	3 days	Tue 01/05/12	Thu 03/05/12
Credit, Collection interfaces (Collection Agency,Dialer)	100%	3 days	Tue 01/05/12	Thu 03/05/12
Bill Print	100%	3 days	Tue 01/05/12	Thu 03/05/12
IVR Self Service	100%	3 days	Tue 01/05/12	Thu 03/05/12
GIS, OMS	100%	3 days	Tue 01/05/12	Thu 03/05/12
Web Self Service	100%	3 days	Tue 01/05/12	Thu 03/05/12
Customer Choice	100%	3 days	Mon 09/07/12	Wed 11/07/12
Energy Assistance	100%	1 day	Wed 20/06/12	Wed 20/06/12
Document strategy session results	100%	1 day	Fri 04/05/12	Thu 21/06/12
⊟ IT Infrastructure	100%	0 days	Wed 01/02/12	Wed 01/02/12
Hardware acquired and installed	100%	0 days	Wed 01/02/12	Wed 01/02/12
Install Demo Great Plains Environment	100%	0 days	Wed 01/02/12	Wed 01/02/12
⊟ Requirements (Gas)	36%	151 days	Mon 21/05/12	Wed 12/12/12
⊟ Application Functionality	36%	151 days	Mon 21/05/12	Wed 12/12/12
⊟ CIS(Cogsdale Detailed Walkthrough - GAS)	62%	76 days	Mon 21/05/12	Mon 03/09/12
Customer Information	100%	1 day	Mon 21/05/12	Mon 21/05/12
Premise	100%	1 day	Mon 21/05/12	Mon 21/05/12
Service Management	100%	1 day	Mon 21/05/12	Mon 21/05/12
Meter Management	100%	1 day	Thu 24/05/12	Thu 24/05/12
Meter Reading	100%	1 day	Fri 25/05/12	Fri 25/05/12
Field Work	100%	1 day	Thu 24/05/12	Thu 24/05/12
Financial	100%	1 day	Thu 31/05/12	Thu 31/05/12
Billing	100%	1 day	Tue 22/05/12	Tue 22/05/12
Cash	100%	1 day	Wed 23/05/12	Wed 23/05/12
Credit and Collections	100%	1 day	Wed 23/05/12	Wed 23/05/12
Interval Billing, Customer Choice	100%	1 day	Tue 22/05/12	Tue 22/05/12
Rates	100%	1 day	Tue 22/05/12	Tue 22/05/12
Data Conversion	100%	2 days	Tue 29/05/12	Wed 30/05/12
Reporting Requirements (High Level)	100%	1 day	Thu 31/05/12	Thu 31/05/12
Integrations	100%	0.8 days	Fri 01/06/12	Fri 01/06/12

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Task Name	% Complete	Duration	Start	Finish
⊟ **Cogsdale Detailed Walkthrough Report**	**53%**	**66 days**	**Mon 04/06/12**	**Mon 03/09/12**
Produce Analysis Report	100%	34 days	Mon 04/06/12	Thu 19/07/12
Review Analysis Report	0%	25 days	Fri 20/07/12	Thu 23/08/12
Revise Analysis Report	0%	5 days	Fri 24/08/12	Thu 30/08/12
Sign off Analysis Report	0%	0 days	Mon 03/09/12	Mon 03/09/12
⊟ **Reports**	**0%**	**95 days**	**Tue 07/08/12**	**Wed 12/12/12**
Report Specifications Workshops	0%	60 days	Tue 07/08/12	Fri 26/10/12
Report specification document	0%	60 days	Tue 14/08/12	Fri 02/11/12
Review Report specification document	0%	60 days	Tue 28/08/12	Fri 16/11/12
Sign off on report specifications document	0%	20 days	Sat 17/11/12	Wed 12/12/12
⊟ **Interfaces**	**41%**	**95 days**	**Mon 04/06/12**	**Fri 12/10/12**
⊟ **Requirement Sessions (GAS and Electric)**	**49%**	**95 days**	**Mon 04/06/12**	**Fri 12/10/12**
Dispatch - Wennsoft	25%	60 days	Mon 04/06/12	Fri 24/08/12
Non Interval meter Reading - ITRON	100%	60 days	Mon 04/06/12	Fri 24/08/12
Interval meter data - Metretek/MV90	50%	60 days	Mon 04/06/12	Fri 24/08/12
Meter Data Management	0%	60 days	Mon 04/06/12	Fri 24/08/12
General Ledger	100%	60 days	Mon 04/06/12	Fri 24/08/12
Payments(Lockbox, EFT)	75%	60 days	Mon 04/06/12	Fri 24/08/12
Credit, Collection interfaces (Collection Agency,Dialer)	25%	60 days	Mon 04/06/12	Fri 24/08/12
Bill Print	90%	60 days	Mon 04/06/12	Fri 24/08/12
IVR(See IVR Self Service Plan)	100%	60 days	Mon 04/06/12	Fri 24/08/12
GIS	25%	60 days	Mon 04/06/12	Fri 24/08/12
Web Self Service(see Web Project plan)	10%	60 days	Mon 04/06/12	Fri 24/08/12
Customer Choice	10%	65 days	Mon 04/06/12	Fri 31/08/12
Energy Efficiency (see Energy Efficiency plan)	0%	30 days	Mon 03/09/12	Fri 12/10/12
GAS Star	50%	60 days	Mon 04/06/12	Fri 24/08/12
⊟ **Interface Requirements Report**	**7%**	**70 days**	**Mon 11/06/12**	**Fri 14/09/12**
Produce Interface Requirements Report	20%	60 days	Mon 11/06/12	Fri 31/08/12
Review Interface Report	0%	60 days	Mon 18/06/12	Fri 07/09/12
Revise Interface Report	0%	60 days	Mon 25/06/12	Fri 14/09/12
Sign off Interface Report	0%	0 days	Fri 14/09/12	Fri 14/09/12
⊟ **Data Conversion**	**36%**	**90 days**	**Mon 28/05/12**	**Fri 28/09/12**
Conduct Data mapping planning meetings	100%	2 days	Thu 12/07/12	Fri 13/07/12
Review NG application listing (determine data sources)	90%	47 days	Mon 28/05/12	Tue 31/07/12
⊟ **Data Conversion Mapping Sessions (GAS)**	**6%**	**70 days**	**Mon 25/06/12**	**Fri 28/09/12**
⊟ **CIS**	**19%**	**52 days**	**Mon 25/06/12**	**Tue 04/09/12**
Data Mapping Sessions - Week 1	100%	5 days	Mon 25/06/12	Fri 29/06/12
Data Mapping Sessions - Week 2	0%	5 days	Mon 30/07/12	Fri 03/08/12
⊟ **Cogsdale Data Conversion Plan Document**	**0%**	**17 days**	**Mon 13/08/12**	**Tue 04/09/12**
Produce Data Conversion Plan document	0%	10 days	Mon 13/08/12	Fri 24/08/12
Review Data Conversion Plan document	0%	5 days	Mon 27/08/12	Fri 31/08/12
Revise Data Conversion Report	0%	2 days	Mon 03/09/12	Tue 04/09/12
Sign off Data Conversion Report	0%	0 days	Tue 04/09/12	Tue 04/09/12
⊟ **OTHER DATA EXTRACTS from other applications TBD**	**0%**	**30 days**	**Mon 20/08/12**	**Fri 28/09/12**
Data Mapping /Report extract Sessions	0%	30 days	Mon 20/08/12	Fri 28/09/12
Documentation	0%	30 days	Mon 20/08/12	Fri 28/09/12
⊟ **Design and Configure (Gas)**	**8%**	**210 days**	**Mon 04/06/12**	**Fri 15/03/13**
⊟ **Cogsdale Configuration**	**22%**	**65.5 days**	**Mon 04/06/12**	**Mon 03/09/12**
Configure CIS - GAS	100%	5 days	Mon 04/06/12	Fri 08/06/12
Configure CIS - GAS (NG specific items)	0%	15 days	Mon 30/07/12	Fri 17/08/12
Configuration walkthrough with Project team and Business Owners	0%	2.5 days	Thu 30/08/12	Mon 03/09/12
⊟ **Data Conversion**	**0%**	**71 days**	**Mon 06/08/12**	**Fri 09/11/12**
⊟ **Environment Setup**	**0%**	**17 days**	**Mon 06/08/12**	**Tue 28/08/12**
IT Hardware setup	0%	0 days	Mon 06/08/12	Mon 06/08/12
Install Great Plain Cogsdale	0%	0 days	Mon 06/08/12	Mon 06/08/12
Source system	0%	0 days	Mon 06/08/12	Mon 06/08/12
Configure CIS	0%	10 days	Wed 15/08/12	Tue 28/08/12
⊟ **Development**	**0%**	**71 days**	**Mon 06/08/12**	**Fri 09/11/12**
Develop Data Definition Guide	100%	0 days	Mon 06/08/12	Mon 06/08/12
Build Extract files	100%	0 days	Mon 06/08/12	Mon 06/08/12
Build Transformation scripts - (Customer, Account, Premise, Service , Meter)	0%	20 days	Tue 07/08/12	Mon 03/09/12
Build Transformation scripts - (all other entities)	0%	20 days	Mon 15/10/12	Fri 09/11/12
Build Import Scripts	0%	5 days	Mon 03/09/12	Fri 07/09/12
Build Control Totals(Record counts)	0%	10 days	Mon 03/09/12	Fri 14/09/12
⊟ **Interfaces**	**20%**	**115 days**	**Mon 04/06/12**	**Thu 08/11/12**
Develop/Configure External Interfaces and systems	20%	115 days	Mon 04/06/12	Thu 08/11/12
Develop Internal Interfaces	20%	115 days	Mon 04/06/12	Thu 08/11/12
Configure middleware	0%	1 day	Mon 22/10/12	Mon 22/10/12
Deliver Code	0%	0 days	Fri 05/10/12	Fri 05/10/12

Task Name	% Complete	Duration	Start	Finish
⊟ Cogsdale Modifications	0%	135 days	Mon 17/09/12	Fri 15/03/13
Develop Code	0%	90 days	Mon 17/09/12	Fri 11/01/13
Deliver Code	0%	45 days	Mon 14/01/13	Fri 15/03/13
⊟ Customer Choice Build	0%	90 days	Mon 17/09/12	Fri 11/01/13
Develop Code	0%	90 days	Mon 17/09/12	Fri 11/01/13
Deliver Code	0%	0 days	Fri 11/01/13	Fri 11/01/13
⊟ Reports	0%	60 days	Mon 27/08/12	Thu 15/11/12
Develop Smart Lists	0%	60 days	Mon 27/08/12	Thu 15/11/12
Develop SQL, Crystal reports	0%	60 days	Mon 27/08/12	Thu 15/11/12
Deliver Code	0%	0 days	Thu 15/11/12	Thu 15/11/12
⊟ Security	0%	10 days	Mon 15/10/12	Fri 26/10/12
Define security set up	0%	10 days	Mon 15/10/12	Fri 26/10/12
⊟ Quality Assurance (Gas)	2%	295 days	Mon 14/05/12	Fri 21/06/13
⊟ Training	100%	25 days	Mon 14/05/12	Fri 15/06/12
Cogsdale training targetted for Project team	100%	5 days	Mon 14/05/12	Fri 18/05/12
Cogsdale training targetted for Project team	100%	5 days	Mon 11/06/12	Fri 15/06/12
⊟ Test Strategy	37%	65 days	Mon 04/06/12	Fri 31/08/12
Define Test Strategy	0%	3 days	Wed 08/08/12	Fri 10/08/12
Review and Revise Test Strategy	0%	8 days	Mon 13/08/12	Wed 22/08/12
Sign off on Test Strategy	0%	0 days	Mon 27/08/12	Mon 27/08/12
Train users on Test Management tool	0%	1 day	Mon 06/08/12	Mon 06/08/12
Set up Test Management tool	0%	10 days	Mon 06/08/12	Fri 17/08/12
Develop Testing/Scenario Scripts	50%	65 days	Mon 04/06/12	Fri 31/08/12
⊟ Set up CIS Test Environment	0%	28 days	Mon 06/08/12	Wed 12/09/12
IT set up hardware and application	0%	0 days	Mon 06/08/12	Mon 06/08/12
Enter Configuration CIS	0%	10 days	Thu 30/08/12	Wed 12/09/12
Add users and appropriate security	0%	1 day	Wed 05/09/12	Wed 05/09/12
Set up other system test environments ex Bill Print (TBD)	0%	1 day	Wed 05/09/12	Wed 05/09/12
⊟ Cycle 1	0%	43 days	Mon 20/08/12	Tue 16/10/12
⊟ Test Plan	0%	11 days	Mon 20/08/12	Mon 03/09/12
Define Test Scope	0%	3 days	Mon 20/08/12	Wed 22/08/12
Develop Testing/Scenario Scripts	0%	2 days	Thu 23/08/12	Fri 24/08/12
Set up Test Management tool	0%	3 days	Thu 23/08/12	Mon 27/08/12
Sign off on Test Plan	0%	1 day	Mon 03/09/12	Mon 03/09/12
⊟ Test Environment	0%	16 days	Mon 20/08/12	Mon 10/09/12
Test Environment Prep (Conversion Validation, Conversion Development, System Testing)	0%	8 days	Mon 20/08/12	Wed 29/08/12
Third Party Environment/Integrations Prep (Conversion Validation, Conversion Development, System Testing)	0%	8 days	Thu 30/08/12	Mon 10/09/12
⊟ Data Conversion 1 (Account, Premise, Customer, Service, Meter)	0%	32 days	Tue 04/09/12	Tue 16/10/12
Data Extract Delivered	0%	0 days	Tue 04/09/12	Tue 04/09/12
Build Data Imports	0%	5 days	Tue 04/09/12	Mon 10/09/12
Execute Conversion	0%	5 days	Tue 18/09/12	Mon 24/09/12
Status Report	0%	1 day	Tue 25/09/12	Tue 25/09/12
Data Validation Training	0%	1 day	Wed 26/09/12	Wed 26/09/12
Test Execution - Data Validation	0%	15 days	Thu 27/09/12	Tue 16/10/12
⊟ System Testing (not converted data)	0%	29 days	Wed 05/09/12	Sat 13/10/12
Set up data	0%	3 days	Wed 05/09/12	Fri 07/09/12
Execute Tests	0%	15 days	Tue 25/09/12	Sat 13/10/12
Test Execution Reporting	0%	15 days	Tue 25/09/12	Sat 13/10/12
⊟ Interface Testing (not converted data)	0%	29 days	Wed 05/09/12	Sat 13/10/12
Set up data	0%	3 days	Wed 05/09/12	Fri 07/09/12
Execute Tests	0%	15 days	Tue 25/09/12	Sat 13/10/12
Test Execution Reporting	0%	15 days	Tue 25/09/12	Sat 13/10/12
⊟ Cycle 2	0%	52 days	Mon 22/10/12	Fri 28/12/12
⊟ Test Plan	0%	11 days	Mon 22/10/12	Mon 05/11/12
Define Test Scope	0%	4 days	Mon 22/10/12	Thu 25/10/12
Develop Testing/Scenario Scripts	0%	5 days	Fri 26/10/12	Thu 01/11/12
Set up Test Management tool	0%	5 days	Fri 26/10/12	Thu 01/11/12
Sign off on Test Plan	0%	0 days	Mon 05/11/12	Mon 05/11/12
⊟ Test Environment	0%	20 days	Mon 22/10/12	Fri 16/11/12
Test Environment Prep (Conversion Validation, Conversion Development, System Testing)	0%	20 days	Mon 22/10/12	Fri 16/11/12
Third Party Environment/Integrations Prep (Conversion Validation, Conversion Development, System Testing)	0%	15 days	Fri 26/10/12	Thu 15/11/12
⊟ Data Conversion 2 (all entitities)	0%	45 days	Wed 31/10/12	Fri 28/12/12
Data Extract Delivered	0%	0 days	Wed 31/10/12	Wed 31/10/12
Build Data Imports	0%	10 days	Fri 09/11/12	Wed 21/11/12
Execute Conversion	0%	5 days	Thu 22/11/12	Wed 28/11/12
Status Report	0%	1 day	Thu 29/11/12	Thu 29/11/12
Data Validation Training	0%	2 days	Fri 30/11/12	Mon 03/12/12
Test Execution - Data Validation	0%	20 days	Tue 04/12/12	Fri 28/12/12
⊟ System Testing (not converted data and converted data)	0%	21 days	Mon 03/12/12	Fri 28/12/12
Set up data (use converted data and non converted data)	0%	1 day	Mon 03/12/12	Mon 03/12/12
Execute Tests	0%	15 days	Tue 04/12/12	Fri 21/12/12
Test Execution Reporting	0%	20 days	Tue 04/12/12	Fri 28/12/12

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Task Name	% Complete	Duration	Start	Finish
⊟ Interface Testing (not converted data, and non converted data)	0%	20 days	Mon 03/12/12	Thu 27/12/12
Set up data (use converted data)	0%	2 days	Mon 03/12/12	Tue 04/12/12
Execute Tests	0%	20 days	Mon 03/12/12	Thu 27/12/12
Test Execution Reporting	0%	20 days	Mon 03/12/12	Thu 27/12/12
⊟ Cycle 3	0%	111 days?	Mon 08/10/12	Mon 04/03/13
⊟ Test Plan	0%	6 days?	Mon 07/01/13	Mon 14/01/13
Define Test Scope	0%	2 days	Mon 07/01/13	Tue 08/01/13
Develop Testing/Scenario Scripts	0%	3 days	Wed 09/01/13	Fri 11/01/13
Set up Test Management tool	0%	3 days?	Wed 09/01/13	Fri 11/01/13
Sign off on Test Plan	0%	1 day?	Mon 14/01/13	Mon 14/01/13
⊟ Test Environment	0%	40 days	Fri 21/12/12	Tue 12/02/13
Test Environment Prep (Conversion Validation, Conversion Development, System Testing)	0%	20 days	Fri 21/12/12	Tue 15/01/13
Third Party Environment/Integrations Prep (Conversion Validation, Conversion Development, System Testing)	0%	20 days	Wed 16/01/13	Tue 12/02/13
⊟ Dress Rehearsal 1	0%	79 days	Mon 08/10/12	Thu 17/01/13
Planning	0%	30 days	Mon 08/10/12	Thu 15/11/12
Execution	0%	26.25 days	Mon 10/12/12	Fri 11/01/13
Post Review	0%	0.75 days	Tue 15/01/13	Tue 15/01/13
Update documentation as required	0%	2 days	Wed 16/01/13	Thu 17/01/13
⊟ Data Conversion 3 (all entities)	0%	40 days?	Tue 08/01/13	Mon 04/03/13
Data Extract Delivered	0%	0 days	Tue 08/01/13	Tue 08/01/13
Build Data Imports	0%	5 days	Tue 08/01/13	Mon 14/01/13
Execute Conversion	0%	5 days	Tue 15/01/13	Mon 21/01/13
Status Report	0%	1 day?	Tue 22/01/13	Tue 22/01/13
Test Execution - Data Validation	0%	30 days	Tue 22/01/13	Mon 04/03/13
⊟ System Integrated Testing /End to End Business Scenario testing (converted data)	0%	30 days	Mon 21/01/13	Fri 01/03/13
Set up data	0%	3 days	Mon 21/01/13	Wed 23/01/13
Execute Tests	0%	30 days	Mon 21/01/13	Fri 01/03/13
Test Execution Reporting	0%	30 days	Mon 21/01/13	Fri 01/03/13
CODE FREEZE OF ALL SYSTEMS	0%	0 days	Mon 11/03/13	Mon 11/03/13
⊟ Cycle 4 (CODE FREEZE IN PLACE)	0%	72 days?	Fri 01/02/13	Mon 13/05/13
⊟ Test Plan	0%	13 days	Mon 25/02/13	Wed 13/03/13
Define Test Scope	0%	7 days	Mon 25/02/13	Tue 05/03/13
Develop Testing/Scenario Scripts	0%	6 days	Thu 28/02/13	Thu 07/03/13
Set up Test Management tool	0%	6 days	Wed 06/03/13	Wed 13/03/13
Sign off on Test Plan	0%	1 day	Fri 08/03/13	Fri 08/03/13
⊟ Test Environment	0%	10 days	Mon 04/03/13	Fri 15/03/13
Test Environment Prep (Conversion Validation, Conversion Development, System Testing)	0%	10 days	Mon 04/03/13	Fri 15/03/13
Third Party Environment/Integrations Prep (Conversion Validation, Conversion Development, System Testing)	0%	0 days	Fri 15/03/13	Fri 15/03/13
⊟ Dress Rehearsal 2	0%	35.5 days?	Fri 01/02/13	Fri 22/03/13
Planning	0%	15 days	Fri 01/02/13	Thu 21/02/13
Execution	0%	10.5 days	Fri 01/03/13	Fri 15/03/13
Post Review	0%	1 day?	Tue 19/03/13	Wed 20/03/13
Update documentation as required	0%	2 days	Wed 20/03/13	Fri 22/03/13
⊟ Data Conversion 4 (all entities)	0%	46 days?	Mon 11/03/13	Mon 13/05/13
Data Extract Delivered	0%	0 days	Mon 11/03/13	Mon 11/03/13
Build Data Imports (not required as in Code Freeze)	0%	0 days	Mon 11/03/13	Mon 11/03/13
Execute Conversion	0%	2 days	Tue 12/03/13	Wed 13/03/13
Status Report	0%	1 day?	Thu 14/03/13	Thu 14/03/13
Test Execution - Data Validation	0%	43 days	Thu 14/03/13	Mon 13/05/13
⊟ System Integrated Testing /End to End Business Scenario testing (converted data)	0%	43 days	Wed 13/03/13	Fri 10/05/13
Set up data	0%	3 days	Wed 13/03/13	Fri 15/03/13
Execute Tests	0%	43 days	Wed 13/03/13	Fri 10/05/13
Test Execution Reporting	0%	43 days	Wed 13/03/13	Fri 10/05/13
⊟ User Acceptance Testing	0%	66 days?	Thu 21/03/13	Thu 20/06/13
Identify user group	0%	2 days	Thu 21/03/13	Fri 22/03/13
⊟ Test Plan	0%	28 days?	Mon 25/03/13	Wed 01/05/13
Define Test Scope	0%	10 days	Mon 25/03/13	Fri 05/04/13
Develop Testing/Scenario Scripts	0%	15 days	Mon 08/04/13	Fri 26/04/13
Train users on test management tool	0%	1 day	Wed 03/04/13	Wed 03/04/13
Set up Test Management tool	0%	15 days	Mon 08/04/13	Fri 26/04/13
Sign off on Test Plan	0%	1 day?	Wed 01/05/13	Wed 01/05/13
Test Environment Prep	0%	2 days	Thu 16/05/13	Fri 17/05/13
⊟ Test Execution	0%	29 days?	Mon 13/05/13	Thu 20/06/13
Set up data	0%	5 days	Mon 13/05/13	Fri 17/05/13
Execute Tests(include business process testing)	0%	20 days	Mon 20/05/13	Fri 14/06/13
Test Execution Reporting	0%	20 days	Mon 20/05/13	Fri 14/06/13
User Acceptance sign off	0%	1 day?	Thu 20/06/13	Thu 20/06/13

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Task Name	% Complete	Duration	Start	Finish
⊟ **Performance testing**	**0%**	**88 days?**	**Mon 12/11/12**	**Thu 07/03/13**
⊟ **Test Plan**	**0%**	**15 days?**	**Mon 12/11/12**	**Thu 29/11/12**
Define Test Scope	0%	5 days	Mon 12/11/12	Fri 16/11/12
Develop Testing/Scenario Scripts	0%	5 days	Sat 17/11/12	Thu 22/11/12
Set up Test Management tool	0%	5 days	Fri 23/11/12	Thu 29/11/12
Sign off on Test Plan	0%	1 day?	Tue 27/11/12	Tue 27/11/12
Test Environment Prep	0%	1 day?	Mon 28/01/13	Mon 28/01/13
⊟ **Test Execution**	**0%**	**29 days?**	**Mon 28/01/13**	**Thu 07/03/13**
Set up data	0%	3 days	Mon 28/01/13	Wed 30/01/13
Execute Tests(include business process testing)	0%	20 days	Thu 31/01/13	Wed 27/02/13
Test Execution Reporting	0%	20 days	Thu 31/01/13	Wed 27/02/13
Business and IT Acceptance sign off	0%	1 day?	Thu 07/03/13	Thu 07/03/13
⊟ **Defect Management**	**0%**	**215 days?**	**Mon 03/09/12**	**Fri 21/06/13**
Log Defects	0%	215 days	Mon 03/09/12	Fri 21/06/13
Assign defects to appropriate party	0%	215 days	Mon 03/09/12	Fri 21/06/13
Test Defect fix	0%	215 days	Mon 03/09/12	Fri 21/06/13
Defect reporting	0%	215 days	Mon 03/09/12	Fri 21/06/13
Document open issues and workarounds - going into PROD	0%	75 days	Mon 04/03/13	Fri 14/06/13
Review open issues and workarounds - going into PROD	0%	75 days?	Mon 04/03/13	Fri 14/06/13
Sign off open issues and workaround list	0%	1 day?	Thu 20/06/13	Thu 20/06/13
Data Clean Management	0%	215 days	Mon 03/09/12	Fri 21/06/13
⊟ **Implementation (Gas)**	**0%**	**245 days?**	**Mon 13/08/12**	**Thu 11/07/13**
⊟ **Cutover Planning**	**0%**	**190 days**	**Mon 24/09/12**	**Fri 07/06/13**
Cutover planning kick off meeting	0%	1 day	Mon 24/09/12	Mon 24/09/12
Build cutover listing	0%	50 days	Mon 08/10/12	Tue 11/12/12
Review and Revise cutover listing	0%	180 days	Mon 08/10/12	Fri 07/06/13
Create cutover schedule	0%	180 days	Mon 08/10/12	Fri 07/06/13
⊟ **Cutover - Go Live**	**0%**	**70 days?**	**Mon 08/04/13**	**Thu 11/07/13**
Execute cutover activities	0%	30 days	Mon 03/06/13	Thu 11/07/13
Legacy Environment Shut Down	0%	1 day	Fri 28/06/13	Fri 28/06/13
⊟ **End Business Systems Processing**	**0%**	**1 day**	**Fri 28/06/13**	**Fri 28/06/13**
Receive Cash Remittance	0%	1 day	Fri 28/06/13	Fri 28/06/13
Post bills	0%	1 day	Fri 28/06/13	Fri 28/06/13
Transmit legacy bills to Bill Print Provider	0%	1 day	Fri 28/06/13	Fri 28/06/13
To be Determined	0%	1 day	Fri 28/06/13	Fri 28/06/13
⊟ **Perform last nightly processing/reporting**	**0%**	**1 day**	**Fri 28/06/13**	**Fri 28/06/13**
⊟ **National Grid Systems**	**0%**	**1 day**	**Fri 28/06/13**	**Fri 28/06/13**
Turn Legacy CIS to Read only Access - This likely does not apply?? TBD	0%	1 day	Fri 28/06/13	Fri 28/06/13
Commence nightly/month end processing jobs	0%	1 day	Fri 28/06/13	Fri 28/06/13
⊟ **Backup/Copy**	**0%**	**1 day**	**Fri 28/06/13**	**Fri 28/06/13**
Backup/Copy CRS	0%	1 day	Fri 28/06/13	Fri 28/06/13
Back up other servers To be determined	0%	1 day	Fri 28/06/13	Fri 28/06/13
⊟ **Verify Backups/Copy**	**0%**	**1 day**	**Fri 28/06/13**	**Fri 28/06/13**
Verify CRS backup	0%	1 day	Fri 28/06/13	Fri 28/06/13
Back up other systems To be determined	0%	1 day	Fri 28/06/13	Fri 28/06/13
⊟ **Liberty East Systems**	**0%**	**1 day**	**Fri 28/06/13**	**Fri 28/06/13**
Turn GP/MS Dynamics to Read only Access - TBD?	0%	1 day	Fri 28/06/13	Fri 28/06/13
Commence nightly/month end processing jobs	0%	1 day	Fri 28/06/13	Fri 28/06/13
⊟ **Backup/Copy**	**0%**	**1 day**	**Fri 28/06/13**	**Fri 28/06/13**
Backup/Copy GP/MS Dynamics	0%	1 day	Fri 28/06/13	Fri 28/06/13
Back up other servers To be determined	0%	1 day	Fri 28/06/13	Fri 28/06/13
⊟ **Verify Backups/Copy**	**0%**	**1 day**	**Fri 28/06/13**	**Fri 28/06/13**
Verify backup	0%	1 day	Fri 28/06/13	Fri 28/06/13
Back up other systems To be determined	0%	1 day	Fri 28/06/13	Fri 28/06/13
⊟ **Production Environment Prep**	**0%**	**61 days?**	**Mon 08/04/13**	**Sun 30/06/13**
⊟ **Systems Conversion**	**0%**	**61 days?**	**Mon 08/04/13**	**Sun 30/06/13**
⊟ **CRS to Cogsdale Conversion**	**0%**	**61 days?**	**Mon 08/04/13**	**Sun 30/06/13**
IT set up hardware and apply application	0%	0 days	Mon 08/04/13	Mon 08/04/13
Prep Great Plains(Cogsdale)	0%	10 days?	Mon 13/05/13	Fri 24/05/13
Apply last pristine configuration	0%	10 days	Mon 13/05/13	Fri 24/05/13
Execute conversion	0%	1 day	Sun 30/06/13	Sun 30/06/13
GIS Conversion	0%	1 day?	Sun 30/06/13	Sun 30/06/13
MV90 ITRON Conversion	0%	1 day?	Sun 30/06/13	Sun 30/06/13
TBD	0%	1 day?	Sun 30/06/13	Sun 30/06/13
⊟ **System Configuration**	**0%**	**41 days?**	**Mon 06/05/13**	**Sun 30/06/13**
Configure middleware/integration endpoints	0%	41 days?	Mon 06/05/13	Sun 30/06/13
Apply Cogsdale Security for end users	0%	10 days	Mon 13/05/13	Fri 24/05/13
Configure Business Objects server	0%	3 days	Wed 22/05/13	Fri 24/05/13

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Task Name	% Comple	Duration	Start	Finish
⊟ Promote systems	0%	1 day?	Sun 30/06/13	Sun 30/06/13
Promote Bill Print	0%	1 day?	Sun 30/06/13	Sun 30/06/13
Promote IVR	0%	1 day?	Sun 30/06/13	Sun 30/06/13
Promote business objects code	0%	1 day?	Sun 30/06/13	Sun 30/06/13
Promote Cogsdale code	0%	1 day?	Sun 30/06/13	Sun 30/06/13
Promote other Third party systems - TBD	0%	1 day?	Sun 30/06/13	Sun 30/06/13
Promote middleware/integration endpoints to live systems	0%	1 day?	Sun 30/06/13	Sun 30/06/13
⊟ Verify conversion	0%	1 day?	Sun 30/06/13	Sun 30/06/13
Restore Cogsdale Converted System to Test Environment	0%	1 day?	Sun 30/06/13	Sun 30/06/13
Smoke Test Cogsdale Test Environment	0%	1 day?	Sun 30/06/13	Sun 30/06/13
Verify configuration	0%	1 day?	Sun 30/06/13	Sun 30/06/13
Verify GL Conversion	0%	1 day?	Sun 30/06/13	Sun 30/06/13
Verify MV90 Conversion	0%	1 day?	Sun 30/06/13	Sun 30/06/13
Verify GIS Conversion	0%	1 day?	Sun 30/06/13	Sun 30/06/13
Check Point of Go Live Conversion	0%	1 day?	Sun 30/06/13	Sun 30/06/13
Back up Cogsdale	0%	1 day?	Sun 30/06/13	Sun 30/06/13
Verify Bill Print provider	0%	1 day?	Sun 30/06/13	Sun 30/06/13
Verify Bank	0%	1 day?	Sun 30/06/13	Sun 30/06/13
Verify IVR	0%	1 day?	Sun 30/06/13	Sun 30/06/13
Verify Business Objects	0%	1 day?	Sun 30/06/13	Sun 30/06/13
Verify other third party systems	0%	1 day?	Sun 30/06/13	Sun 30/06/13
⊟ Verify middleware config	0%	1 day?	Sun 30/06/13	Sun 30/06/13
Smoke test middleware	0%	1 day?	Sun 30/06/13	Sun 30/06/13
Check Point of Go Live - Interface Partners	0%	1 day?	Sun 30/06/13	Sun 30/06/13
Check Point of Go Live - Middleware and Integration	0%	1 day?	Sun 30/06/13	Sun 30/06/13
Go Live	0%	0 days	Sun 30/06/13	Sun 30/06/13
⊟ Business Readiness	0%	233 days?	Mon 13/08/12	Wed 26/06/13
⊟ Change impact Analysis	0%	160 days	Mon 13/08/12	Fri 15/03/13
Develop Inventory of all Change impacts for all business groups	0%	150 days	Mon 13/08/12	Fri 01/03/13
Conduct task analysis for each end user group	0%	150 days	Mon 13/08/12	Fri 01/03/13
Communicate Impacts to Stakeholders & Target Groups	0%	150 days	Mon 13/08/12	Fri 01/03/13
Obtain Stakeholder sign off	0%	5 days	Mon 11/03/13	Fri 15/03/13
⊟ Business Process design	0%	85 days	Mon 19/11/12	Tue 12/03/13
Design and Document processes and business rules	0%	75 days	Mon 19/11/12	Tue 26/02/13
Obtain stakeholder sign off for business rules and process changes	0%	75 days	Mon 03/12/12	Tue 12/03/13
⊟ End user communication	0%	75 days?	Mon 18/02/13	Fri 31/05/13
⊟ Liberty End user communications	0%	75 days?	Mon 18/02/13	Fri 31/05/13
Issue communications re system overview, lexicon, go live plan/schedule	0%	75 days	Mon 18/02/13	Fri 31/05/13
Issue targetted process/user group specific communications -bi-weekly	0%	62 days?	Mon 04/03/13	Tue 28/05/13
⊟ End user Training	0%	164 days	Mon 15/10/12	Fri 24/05/13
Develop training strategy	0%	5 days	Mon 15/10/12	Fri 19/10/12
Obtain stakholder sign off	0%	1 day	Mon 29/10/12	Mon 29/10/12
⊟ Training	0%	149 days	Mon 05/11/12	Fri 24/05/13
Create Training environment	0%	0 days	Mon 05/11/12	Mon 05/11/12
⊟ Develop Training Material	0%	78 days	Thu 15/11/12	Tue 26/02/13
Create Training Development Schedule	0%	5 days	Thu 15/11/12	Tue 20/11/12
Legacy System	0%	70 days	Mon 26/11/12	Tue 26/02/13
Cogsdale	0%	70 days	Mon 26/11/12	Tue 26/02/13
⊟ Deliver Training Material	0%	80 days	Mon 04/02/13	Fri 24/05/13
Prepare Training Environment	0%	10 days	Mon 11/03/13	Fri 22/03/13
Create training delivery schedule	0%	5 days	Mon 04/02/13	Fri 08/02/13
Training schedule approval by stakeholders	0%	2 days	Mon 18/02/13	Tue 19/02/13
Deliver Legacy System Training	0%	50 days	Mon 18/03/13	Fri 24/05/13
Deliver New CIS Training	0%	50 days	Mon 18/03/13	Fri 24/05/13
⊟ Business Resource Planning	0%	3 days	Mon 18/02/13	Wed 20/02/13
Forecast go- live impacts of conversion and post conversion tasks	0%	3 days	Mon 18/02/13	Wed 20/02/13
⊟ Go Live and Readiness Tracking	0%	172 days?	Mon 05/11/12	Wed 26/06/13
Develop draft readiness and metrics and performance assesSMEsssnt targets	0%	10 days	Mon 05/11/12	Fri 16/11/12
Negotiate final readiness metrics and performance assesSMEsssnt targets with key stakeholders	0%	10 days	Sat 17/11/12	Thu 29/11/12
Present final readiness assesSMEsssnt plan to stakeholders and sponsors for sign off	0%	5 days	Mon 10/12/12	Fri 14/12/12
Hold readiness meetings with stakeholders	0%	118 days	Mon 14/01/13	Wed 26/06/13
Present Readiness status for Go-No Go decision	0%	1 day?	Wed 06/03/13	Wed 06/03/13
⊟ Post Implementation (Gas)	0%	176 days	Mon 04/03/13	Fri 01/11/13
⊟ Incident and Issue Management - Post Go Live	0%	176 days	Mon 04/03/13	Fri 01/11/13
Develop issue management strategy	0%	10 days	Mon 04/03/13	Fri 15/03/13
Develop pre/post go live IT and application support staff requirements	0%	10 days	Mon 25/03/13	Fri 05/04/13
Implement Go live staffing plan	0%	50 days	Mon 15/04/13	Fri 21/06/13
Manage issues	0%	90 days	Mon 01/07/13	Fri 01/11/13

Task Name	% Complete	Duration	Start	Finish
☐ Electric	**1%**	**478 days?**	**Mon 18/06/12**	**Fri 04/04/14**
☐ Requirements (Electric)	**6%**	**308 days?**	**Mon 18/06/12**	**Tue 13/08/13**
☐ Application Functionality	**4%**	**127 days?**	**Mon 18/06/12**	**Fri 07/12/12**
☐ CIS(Cogsdale Detailed Walkthrough - Electricity)	**35%**	**60 days?**	**Mon 18/06/12**	**Fri 07/09/12**
Customer Information	100%	1 day	Mon 16/07/12	Mon 16/07/12
Premise	100%	1 day	Mon 16/07/12	Mon 16/07/12
Service Management	100%	1 day	Mon 16/07/12	Mon 16/07/12
Meter Management	100%	1 day	Thu 19/07/12	Thu 19/07/12
Meter Reading	100%	1 day	Wed 18/07/12	Wed 18/07/12
Field Work	100%	1 day	Thu 19/07/12	Thu 19/07/12
Financial	100%	1 day	Fri 20/07/12	Fri 20/07/12
Billing	100%	1 day	Tue 17/07/12	Tue 17/07/12
Cash	100%	1 day	Mon 16/07/12	Mon 16/07/12
Credit and Collections	100%	1 day	Tue 17/07/12	Tue 17/07/12
Interval Billing	100%	1 day	Wed 18/07/12	Wed 18/07/12
Customer Choice	100%	3 days	Mon 09/07/12	Wed 11/07/12
Energy Efficiency	100%	1 day	Wed 20/06/12	Wed 20/06/12
Rates	100%	1 day	Tue 17/07/12	Tue 17/07/12
Reports	100%	1 day	Fri 20/07/12	Fri 20/07/12
Data Conversion	100%	2 days	Mon 18/06/12	Tue 19/06/12
Integration Points	0%	1 day?	Tue 31/07/12	Tue 31/07/12
☐ Cogsdale detail walkthrough report	**0%**	**35 days**	**Mon 23/07/12**	**Fri 07/09/12**
Produce Analysis Report	0%	25 days	Mon 23/07/12	Fri 24/08/12
Review Analysis Report	0%	8 days	Mon 27/08/12	Wed 05/09/12
Revise Analysis Report	0%	2 days	Thu 06/09/12	Fri 07/09/12
Sign off Analysis Report	0%	0 days	Fri 07/09/12	Fri 07/09/12
☐ Reports	**0%**	**72 days**	**Mon 03/09/12**	**Fri 07/12/12**
Report Specifications Workshops	0%	60 days	Mon 03/09/12	Wed 21/11/12
Report specification document	0%	60 days	Mon 17/09/12	Wed 05/12/12
Review Report specification document	0%	60 days	Wed 19/09/12	Fri 07/12/12
Sign off on report specifications document	0%	0 days	Fri 07/12/12	Fri 07/12/12
☐ Interfaces	**0%**	**75 days**	**Mon 23/07/12**	**Thu 01/11/12**
☐ Requirement Sessions (Electric specific integrations)	**0%**	**65 days**	**Mon 23/07/12**	**Thu 18/10/12**
Meter Data Management/Settlement	0%	25 days	Mon 17/09/12	Thu 18/10/12
OMS	0%	20 days	Mon 23/07/12	Fri 17/08/12
Customer Choice	0%	40 days	Mon 13/08/12	Fri 05/10/12
Energy Efficiency	0%	40 days	Mon 13/08/12	Fri 05/10/12
☐ Interface Requirements Report	**0%**	**70 days**	**Mon 30/07/12**	**Thu 01/11/12**
Produce Interface Requirements Report	0%	60 days	Mon 30/07/12	Thu 18/10/12
Review Interface Report	0%	60 days	Mon 06/08/12	Thu 25/10/12
Revise Interface Report	0%	60 days	Mon 13/08/12	Thu 01/11/12
Sign off Interface Report	0%	0 days	Thu 01/11/12	Thu 01/11/12
☐ Data Conversion	**29%**	**298 days**	**Mon 02/07/12**	**Tue 13/08/13**
Conduct Data mapping planning meetings	0%	2 days	Mon 12/08/13	Tue 13/08/13
Review NG application listing (determine data sources)	80%	22 days	Mon 02/07/12	Tue 31/07/12
☐ Data Conversion Mapping Sessions (Electricity)	**0%**	**43 days**	**Mon 03/12/12**	**Fri 25/01/13**
☐ Data Mapping Sessions	**0%**	**43 days**	**Mon 03/12/12**	**Fri 25/01/13**
☐ CIS	**0%**	**28 days**	**Mon 03/12/12**	**Fri 04/01/13**
Data Mapping Sessions - Week 1	0%	5 days	Mon 03/12/12	Fri 07/12/12
Data Mapping Sessions - Week 2	0%	5 days	Mon 10/12/12	Fri 14/12/12
☐ Cogsdale Data Conversion Plan Document	**0%**	**17 days**	**Mon 17/12/12**	**Fri 04/01/13**
Produce Data Conversion Plan document	0%	5 days	Mon 17/12/12	Fri 21/12/12
Review Data Conversion Plan document	0%	5 days	Sat 29/12/12	Wed 02/01/13
Revise Data Conversion Report	0%	2 days	Thu 03/01/13	Fri 04/01/13
Sign off Data Conversion Report	0%	0 days	Fri 04/01/13	Fri 04/01/13
☐ OTHER DATA EXTRACTS from other applications TBD	**0%**	**15 days**	**Mon 07/01/13**	**Fri 25/01/13**
Data Mapping Sessions - TBD	0%	5 days	Mon 07/01/13	Fri 11/01/13
Documentation	0%	10 days	Mon 14/01/13	Fri 25/01/13
☐ Design and Configure (Electric)	**0%**	**203 days?**	**Mon 03/09/12**	**Wed 05/06/13**
☐ Configuration	**0%**	**108 days?**	**Mon 07/01/13**	**Wed 05/06/13**
Configure CIS - Electricity (specific items) Part 1	0%	10 days	Mon 07/01/13	Fri 18/01/13
Configure CIS - remaining Electricity items Part 2	0%	5 days	Tue 05/03/13	Mon 11/03/13
Configuration walkthrough with Project team Part 1	0%	1 day?	Mon 21/01/13	Mon 21/01/13
Configuration walkthrough with Project team Part 2	0%	1 day?	Tue 12/03/13	Tue 12/03/13
Configuration Sign off	0%	1 day?	Wed 05/06/13	Wed 05/06/13
☐ Data Conversion	**0%**	**109 days?**	**Mon 05/11/12**	**Fri 29/03/13**
☐ Environment Setup	**0%**	**59 days?**	**Mon 05/11/12**	**Fri 18/01/13**
IT Hardware setup	0%	0 days	Mon 05/11/12	Mon 05/11/12
Install Great Plain Cogsdale	0%	0 days	Mon 05/11/12	Mon 05/11/12
Source system	0%	0 days	Mon 26/11/12	Mon 26/11/12
Configure CIS	0%	10 days?	Mon 07/01/13	Fri 18/01/13

Task Name	% Complete	Duration	Start	Finish
⊟ **Development**	**0%**	**62 days**	**Thu 03/01/13**	**Fri 29/03/13**
Develop Data Definition Guide	0%	0 days	Thu 03/01/13	Thu 03/01/13
Build Extract files	0%	0 days	Thu 03/01/13	Thu 03/01/13
Build Transformation scripts - (Customer, Account, Premise, Service , Meter)	0%	20 days	Wed 09/01/13	Tue 05/02/13
Build Transformation scripts - (all other entities)	0%	20 days	Mon 04/03/13	Fri 29/03/13
Build Import File Layout	0%	8 days	Mon 28/01/13	Wed 06/02/13
Build Control Totals(Record counts)	0%	58 days	Wed 09/01/13	Fri 29/03/13
⊟ **Interfaces(to be seperated out by interface)**	**0%**	**90 days**	**Mon 08/10/12**	**Fri 01/02/13**
Develop/Configure External Interfaces and systems	0%	90 days	Mon 08/10/12	Fri 01/02/13
Develop Internal Interfaces	0%	90 days	Mon 08/10/12	Fri 01/02/13
Develop middleware	0%	90 days	Mon 08/10/12	Fri 01/02/13
Deliver Code	0%	0 days	Fri 01/02/13	Fri 01/02/13
⊟ **Cogsdale Modifications**	**0%**	**150 days**	**Mon 03/09/12**	**Fri 22/03/13**
⊟ **Modifications Build (to be seperated by modifications)**	**0%**	**110 days**	**Fri 05/10/12**	**Fri 01/03/13**
Develop Code	0%	100 days	Fri 05/10/12	Thu 14/02/13
Deliver Code	0%	0 days	Fri 01/03/13	Fri 01/03/13
⊟ **Customer Choice Build**	**0%**	**150 days**	**Mon 03/09/12**	**Fri 22/03/13**
Develop Code	0%	150 days	Mon 03/09/12	Fri 22/03/13
Deliver Code	0%	0 days	Fri 22/03/13	Fri 22/03/13
⊟ **Reports**	**0%**	**70 days**	**Mon 26/11/12**	**Tue 26/02/13**
Develop/Configure Smart Lists	0%	70 days	Mon 26/11/12	Tue 26/02/13
Develop SQL , Crystal reports	0%	70 days	Mon 26/11/12	Tue 26/02/13
Deliver Code	0%	0 days	Tue 26/02/13	Tue 26/02/13
⊟ **Security**	**0%**	**5 days**	**Mon 11/03/13**	**Fri 15/03/13**
Define security set up	0%	5 days	Mon 11/03/13	Fri 15/03/13
⊟ **Quality Assurance (Electric)**	**0%**	**343 days?**	**Mon 06/08/12**	**Tue 19/11/13**
⊟ **Training**	**100%**	**10 days**	**Mon 03/12/12**	**Thu 13/12/12**
Cogsdale training targetted for Project team for new members	100%	10 days	Mon 03/12/12	Thu 13/12/12
⊟ **Test Strategy**	**0%**	**117 days**	**Mon 06/08/12**	**Tue 08/01/13**
Define Test Strategy	0%	3 days	Mon 12/11/12	Wed 14/11/12
Review and Revise Test Strategy	0%	8 days	Thu 15/11/12	Fri 23/11/12
Sign off on Test Strategy	0%	0 days	Wed 28/11/12	Wed 28/11/12
Train users on Test Management tool	0%	1 day	Tue 08/01/13	Tue 08/01/13
Set up Test Management tool	0%	2 days	Mon 06/08/12	Tue 07/08/12
Develop Testing/Scenario Scripts	0%	90 days	Mon 06/08/12	Wed 05/12/12
⊟ **Set up CIS Test Environment**	**0%**	**64 days?**	**Mon 12/11/12**	**Mon 04/02/13**
IT set up hardware and application	0%	0 days	Mon 12/11/12	Mon 12/11/12
Enter Configuration CIS	0%	10 days	Mon 07/01/13	Fri 18/01/13
Add users and appropriate security	0%	1 day?	Mon 21/01/13	Mon 21/01/13
Set up other system test environments ex Bill Print (TBD)	0%	0 days	Mon 04/02/13	Mon 04/02/13
⊟ **Cycle 1**	**0%**	**71 days**	**Mon 10/12/12**	**Thu 14/03/13**
⊟ **Test Plan**	**0%**	**12 days**	**Mon 14/01/13**	**Wed 30/01/13**
Define Test Scope	0%	4 days	Mon 14/01/13	Thu 17/01/13
Develop Testing/Scenario Scripts	0%	6 days	Fri 18/01/13	Fri 25/01/13
Set up Test Management tool	0%	6 days	Fri 18/01/13	Fri 25/01/13
Sign off on Test Plan	0%	0 days	Wed 30/01/13	Wed 30/01/13
⊟ **Test Environment**	**0%**	**28 days**	**Mon 10/12/12**	**Mon 14/01/13**
Test Environment Prep (Conversion Validation, Conversion Development, System Testing)	0%	20 days	Mon 10/12/12	Wed 02/01/13
Third Party Environment/Integrations Prep (Conversion Validation, Conversion Development, System Testing)	0%	8 days	Thu 03/01/13	Mon 14/01/13
⊟ **Data Conversion 1 (Account, Premise, Customer, Service, Meter)**	**0%**	**36 days**	**Mon 14/01/13**	**Tue 05/03/13**
Data Extract Delivered	0%	0 days	Mon 14/01/13	Mon 14/01/13
Build Data Imports	0%	5 days	Mon 28/01/13	Fri 01/02/13
Execute Conversion	0%	5 days	Mon 04/02/13	Fri 08/02/13
Status Report	0%	1 day	Mon 11/02/13	Mon 11/02/13
Data Validation Training	0%	1 day	Tue 12/02/13	Tue 12/02/13
Test Execution - Data Validation	0%	15 days	Wed 13/02/13	Tue 05/03/13
⊟ **System Testing (not converted data)**	**0%**	**24 days**	**Mon 11/02/13**	**Thu 14/03/13**
Set up data	0%	3 days	Mon 11/02/13	Wed 13/02/13
Execute Tests	0%	15 days	Wed 13/02/13	Tue 05/03/13
Test Execution Reporting	0%	17 days	Wed 20/02/13	Thu 14/03/13
⊟ **Interface Testing (not converted data)**	**0%**	**23 days**	**Mon 04/02/13**	**Wed 06/03/13**
Set up data (non converted data)	0%	8 days	Mon 04/02/13	Wed 13/02/13
Execute Tests	0%	15 days	Thu 14/02/13	Wed 06/03/13
Test Execution Reporting	0%	15 days	Thu 14/02/13	Wed 06/03/13
⊟ **Cycle 2**	**0%**	**54 days**	**Tue 05/03/13**	**Fri 17/05/13**
⊟ **Test Plan**	**0%**	**11 days**	**Thu 07/03/13**	**Thu 21/03/13**
Define Test Scope	0%	4 days	Thu 07/03/13	Tue 12/03/13
Develop Testing/Scenario Scripts	0%	5 days	Wed 13/03/13	Tue 19/03/13
Set up Test Management tool	0%	5 days	Wed 13/03/13	Tue 19/03/13
Sign off on Test Plan	0%	0 days	Thu 21/03/13	Thu 21/03/13

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Task Name	% Comple	Duration	Start	Finish
⊟ **Test Environment**	**0%**	**25 days**	**Tue 05/03/13**	**Mon 08/04/13**
Test Environment Prep (Conversion Validation, Conversion Development, System Testing)	0%	25 days	Tue 05/03/13	Mon 08/04/13
Third Party Environment/Integrations Prep (Conversion Validation, Conversion Development, System Testing)	0%	5 days	Mon 25/03/13	Fri 29/03/13
⊟ **Data Conversion 2 (all entities)**	**0%**	**35 days**	**Fri 29/03/13**	**Fri 17/05/13**
Data Extract Delivered	0%	0 days	Fri 29/03/13	Fri 29/03/13
Build Data Imports	0%	10 days	Mon 01/04/13	Fri 12/04/13
Execute Conversion	0%	5 days	Mon 15/04/13	Fri 19/04/13
Status Report	0%	1 day	Mon 22/04/13	Mon 22/04/13
Data Validation Training	0%	1 day	Tue 23/04/13	Tue 23/04/13
Test Execution - Data Validation	0%	20 days	Mon 22/04/13	Fri 17/05/13
⊟ **System Testing (not converted data and converted data)**	**0%**	**20 days**	**Mon 22/04/13**	**Fri 17/05/13**
Set up data (use converted data and non converted data)	0%	2 days	Mon 22/04/13	Tue 23/04/13
Execute Tests	0%	20 days	Mon 22/04/13	Fri 17/05/13
Test Execution Reporting	0%	20 days	Mon 22/04/13	Fri 17/05/13
⊟ **Interface Testing (not converted data, and non converted data)**	**0%**	**20 days**	**Mon 22/04/13**	**Fri 17/05/13**
Set up data (use converted data)	0%	2 days	Mon 22/04/13	Tue 23/04/13
Execute Tests	0%	20 days	Mon 22/04/13	Fri 17/05/13
Test Execution Reporting	0%	20 days	Mon 22/04/13	Fri 17/05/13
⊟ **Cycle 3**	**0%**	**137 days?**	**Mon 21/01/13**	**Mon 29/07/13**
⊟ **Test Plan**	**0%**	**11 days**	**Mon 06/05/13**	**Mon 20/05/13**
Define Test Scope	0%	2 days	Mon 06/05/13	Tue 07/05/13
Develop Testing/Scenario Scripts	0%	4 days	Wed 08/05/13	Mon 13/05/13
Set up Test Management tool	0%	2 days	Wed 08/05/13	Thu 09/05/13
Sign off on Test Plan	0%	0 days	Mon 20/05/13	Mon 20/05/13
⊟ **Test Environment**	**0%**	**23 days**	**Wed 22/05/13**	**Fri 21/06/13**
Test Environment Prep (Conversion Validation, Conversion Development, System Testing)	0%	15 days	Wed 22/05/13	Tue 11/06/13
Third Party Environment/Integrations Prep (Conversion Validation, Conversion Development, System Testing)	0%	8 days	Wed 12/06/13	Fri 21/06/13
⊟ **Dress Rehearsal 1**	**0%**	**78 days**	**Mon 04/03/13**	**Wed 19/06/13**
Planning	0%	45 days	Mon 04/03/13	Fri 03/05/13
Execution	0%	25 days	Mon 06/05/13	Fri 07/06/13
Post Review	0%	1 day	Mon 17/06/13	Mon 17/06/13
Update documentation as required	0%	2 days	Tue 18/06/13	Wed 19/06/13
⊟ **Data Conversion 3 (all entities)**	**0%**	**57 days?**	**Mon 13/05/13**	**Mon 29/07/13**
Data Extract Delivered	0%	0 days	Mon 13/05/13	Mon 13/05/13
Build Data Imports	0%	7 days	Mon 20/05/13	Tue 28/05/13
Execute Conversion	0%	5 days	Wed 29/05/13	Tue 04/06/13
Status Report	0%	1 day?	Wed 05/06/13	Wed 05/06/13
Test Execution - Data Validation	0%	40 days	Wed 05/06/13	Mon 29/07/13
⊟ **System Integrated Testing /End to End Business Scenario testing (converted data)**	**0%**	**137 days**	**Mon 21/01/13**	**Mon 29/07/13**
Set up data	0%	3 days	Mon 21/01/13	Wed 23/01/13
Execute Tests	0%	40 days	Wed 05/06/13	Mon 29/07/13
Test Execution Reporting	0%	40 days	Wed 05/06/13	Mon 29/07/13
CODE FREEZE OF ALL SYSTEMS	0%	0 days	Fri 09/08/13	Fri 09/08/13
⊟ **Cycle 4 (CODE FREEZE IN PLACE)**	**0%**	**86 days?**	**Mon 17/06/13**	**Fri 11/10/13**
⊟ **Test Plan**	**0%**	**13 days**	**Mon 08/07/13**	**Wed 24/07/13**
Define Test Scope	0%	7 days	Mon 08/07/13	Tue 16/07/13
Develop Testing/Scenario Scripts	0%	6 days	Thu 11/07/13	Thu 18/07/13
Set up Test Management tool	0%	6 days	Wed 17/07/13	Wed 24/07/13
Sign off on Test Plan	0%	1 day	Fri 19/07/13	Fri 19/07/13
⊟ **Test Environment**	**0%**	**25 days**	**Mon 15/07/13**	**Fri 16/08/13**
Test Environment Prep (Conversion Validation, Conversion Development, System Testing)	0%	25 days	Mon 15/07/13	Fri 16/08/13
Third Party Environment/Integrations Prep (Conversion Validation, Conversion Development, System Testing)	0%	0 days	Fri 16/08/13	Fri 16/08/13
⊟ **Dress Rehearsal 2**	**0%**	**55 days?**	**Mon 17/06/13**	**Thu 29/08/13**
Planning	0%	25 days	Mon 17/06/13	Thu 18/07/13
Execution	0%	25 days	Fri 19/07/13	Thu 22/08/13
Post Review	0%	1 day?	Tue 27/08/13	Tue 27/08/13
Update documentation as required	0%	2 days	Wed 28/08/13	Thu 29/08/13
⊟ **Data Conversion 4 (all entities)**	**0%**	**45 days?**	**Mon 12/08/13**	**Fri 11/10/13**
Data Extract Delivered	0%	0 days	Mon 12/08/13	Mon 12/08/13
Build Data Imports (not required at code freeze stage)	0%	0 days	Mon 12/08/13	Mon 12/08/13
Execute Conversion	0%	2 days	Mon 12/08/13	Tue 13/08/13
Status Report	0%	1 day?	Wed 14/08/13	Wed 14/08/13
Test Execution - Data Validation	0%	43 days	Wed 14/08/13	Fri 11/10/13
⊟ **System Integrated Testing /End to End Business Scenario testing (converted data)**	**0%**	**43 days**	**Wed 14/08/13**	**Fri 11/10/13**
Set up data	0%	3 days	Wed 14/08/13	Fri 16/08/13
Execute Tests	0%	43 days	Wed 14/08/13	Fri 11/10/13
Test Execution Reporting	0%	43 days	Wed 14/08/13	Fri 11/10/13

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Task Name	% Complete	Duration	Start	Finish
⊟ **EBT Required Testing**	**0%**	**134 days?**	**Thu 21/03/13**	**Mon 23/09/13**
Identify suppliers group	0%	2 days	Thu 21/03/13	Fri 22/03/13
⊟ **Test Plan**	**0%**	**28 days?**	**Mon 25/03/13**	**Wed 01/05/13**
Define Test Scope	0%	10 days	Mon 25/03/13	Fri 05/04/13
Develop Testing/Scenario Scripts (as per EBT standard requirements and additional tests)	0%	15 days	Mon 08/04/13	Fri 26/04/13
Sign off on Test Plan	0%	1 day?	Wed 01/05/13	Wed 01/05/13
Test Environment Prep	0%	2 days	Thu 16/05/13	Fri 17/05/13
⊟ **Test Execution**	**0%**	**97 days?**	**Mon 13/05/13**	**Mon 23/09/13**
Set up data	0%	5 days	Mon 13/05/13	Fri 17/05/13
Execute Tests(include business process testing)	0%	91 days	Mon 20/05/13	Fri 20/09/13
Test Execution Reporting	0%	91 days	Mon 20/05/13	Fri 20/09/13
Acceptance sign off	0%	1 day?	Mon 23/09/13	Mon 23/09/13
⊟ **User Acceptance Testing**	**0%**	**64 days?**	**Mon 19/08/13**	**Fri 15/11/13**
Identify user group	0%	2 days	Mon 19/08/13	Tue 20/08/13
⊟ **Test Plan**	**0%**	**31 days?**	**Mon 26/08/13**	**Mon 07/10/13**
Define Test Scope	0%	5 days	Mon 26/08/13	Fri 30/08/13
Develop Testing/Scenario Scripts	0%	20 days	Mon 02/09/13	Fri 27/09/13
Train users on test management tool	0%	1 day	Mon 02/09/13	Mon 02/09/13
Set up Test Management tool	0%	15 days	Mon 02/09/13	Fri 20/09/13
Sign off on Test Plan	0%	1 day?	Mon 07/10/13	Mon 07/10/13
Test Environment Prep	0%	3 days	Wed 09/10/13	Fri 11/10/13
⊟ **Test Execution**	**0%**	**29 days**	**Mon 07/10/13**	**Fri 15/11/13**
Set up data	0%	5 days	Mon 07/10/13	Fri 11/10/13
Execute Tests(include business process testing)	0%	22 days	Mon 14/10/13	Tue 12/11/13
Test Execution Reporting	0%	22 days	Mon 14/10/13	Tue 12/11/13
User Acceptance sign off	0%	0 days	Fri 15/11/13	Fri 15/11/13
⊟ **Performance testing**	**0%**	**43 days?**	**Mon 20/05/13**	**Tue 16/07/13**
⊟ **Test Plan**	**0%**	**15 days?**	**Mon 20/05/13**	**Fri 07/06/13**
Define Test Scope	0%	5 days	Mon 20/05/13	Fri 24/05/13
Develop Testing/Scenario Scripts	0%	5 days	Mon 27/05/13	Fri 31/05/13
Set up Test Management tool	0%	5 days	Mon 03/06/13	Fri 07/06/13
Sign off on Test Plan	0%	1 day?	Wed 05/06/13	Wed 05/06/13
Test Environment Prep	0%	5 days	Mon 20/05/13	Fri 24/05/13
⊟ **Test Execution**	**0%**	**33 days?**	**Mon 03/06/13**	**Tue 16/07/13**
Set up data	0%	5 days	Mon 03/06/13	Fri 07/06/13
Execute Tests(include business process testing)	0%	20 days	Mon 10/06/13	Thu 04/07/13
Test Execution Reporting	0%	20 days	Mon 10/06/13	Thu 04/07/13
Business and IT Acceptance sign off	0%	1 day?	Tue 16/07/13	Tue 16/07/13
⊟ **Defect Management**	**0%**	**210 days**	**Mon 28/01/13**	**Fri 15/11/13**
Log Defects	0%	210 days	Mon 28/01/13	Thu 14/11/13
Assign defects to appropriate party	0%	210 days	Mon 28/01/13	Thu 14/11/13
Test Defect fix	0%	210 days	Mon 28/01/13	Thu 14/11/13
Defect reporting	0%	210 days	Mon 28/01/13	Thu 14/11/13
Document open issues and workarounds - going into PROD	0%	90 days	Mon 24/06/13	Thu 24/10/13
Review open issues and workarounds - going into PROD	0%	85 days	Fri 19/07/13	Thu 14/11/13
Sign off open issues and workaround list	0%	0 days	Fri 15/11/13	Fri 15/11/13
Data Clean Management	0%	250 days	Mon 10/12/12	Tue 19/11/13
⊟ **Implementation (Electric)**	**0%**	**241 days?**	**Mon 14/01/13**	**Wed 11/12/13**
⊟ **Cutover Planning**	**0%**	**186 days**	**Mon 04/03/13**	**Fri 15/11/13**
Cutover planning kick off meeting	0%	1 day	Mon 04/03/13	Mon 04/03/13
Build cutover listing	0%	175 days	Tue 05/03/13	Fri 01/11/13
Review and Revise cutover listing	0%	175 days	Tue 12/03/13	Fri 08/11/13
Create cutover schedule	0%	180 days	Tue 12/03/13	Fri 15/11/13
⊟ **Cutover - Go Live**	**0%**	**45 days?**	**Mon 14/10/13**	**Wed 11/12/13**
Execute cutover activities	0%	40 days	Mon 21/10/13	Wed 11/12/13
Legacy Environment Shut Down	0%	1 day?	Fri 29/11/13	Fri 29/11/13
⊟ **End Business Systems Processing**	**0%**	**1 day?**	**Fri 29/11/13**	**Fri 29/11/13**
⊟ **National Grid Systems**	**0%**	**1 day?**	**Fri 29/11/13**	**Fri 29/11/13**
Receive Cash Remittance	0%	1 day?	Fri 29/11/13	Fri 29/11/13
Post bills	0%	1 day?	Fri 29/11/13	Fri 29/11/13
Transmit legacy bills to Bill Print Provider	0%	1 day?	Fri 29/11/13	Fri 29/11/13
To be Determined	0%	1 day?	Fri 29/11/13	Fri 29/11/13
⊟ **Perform last nightly processing/reporting**	**0%**	**1 day?**	**Fri 29/11/13**	**Fri 29/11/13**
Turn Legacy CIS to Read only Access	0%	1 day?	Fri 29/11/13	Fri 29/11/13
Commence nightly/month end processing jobs	0%	1 day?	Fri 29/11/13	Fri 29/11/13
⊟ **Backup**	**0%**	**0 days?**	**Fri 29/11/13**	**Fri 29/11/13**
Backup CIS	0%	0 days	Fri 29/11/13	Fri 29/11/13
Back up other servers To be determined	0%	0 days?	Fri 29/11/13	Fri 29/11/13
⊟ **Verify Backups**	**0%**	**0 days?**	**Fri 29/11/13**	**Fri 29/11/13**
Verify CIS backup	0%	0 days?	Fri 29/11/13	Fri 29/11/13
Back up other systems To be determined	0%	0 days?	Fri 29/11/13	Fri 29/11/13

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Task Name	% Complete	Duration	Start	Finish
⊟ **Liberty Systems**	**0%**	**1 day?**	**Fri 29/11/13**	**Fri 29/11/13**
Receive Cash Remittance	0%	1 day?	Fri 29/11/13	Fri 29/11/13
Post bills	0%	1 day?	Fri 29/11/13	Fri 29/11/13
Transmit legacy bills to Bill Print Provider	0%	1 day?	Fri 29/11/13	Fri 29/11/13
To be Determined	0%	1 day?	Fri 29/11/13	Fri 29/11/13
⊟ **Perform last nightly processing/reporting**	**0%**	**1 day?**	**Fri 29/11/13**	**Fri 29/11/13**
Turn GP/Cogsdale/MS Dynamics to Read only Access - TBD?	0%	1 day?	Fri 29/11/13	Fri 29/11/13
Commence nightly/month end processing jobs	0%	1 day?	Fri 29/11/13	Fri 29/11/13
⊟ **Backup**	**0%**	**0 days?**	**Fri 29/11/13**	**Fri 29/11/13**
Backup GP/Cogsdale/MS Dynamics	0%	0 days	Fri 29/11/13	Fri 29/11/13
Back up other servers To be determined	0%	0 days?	Fri 29/11/13	Fri 29/11/13
⊟ **Verify Backups**	**0%**	**0 days?**	**Fri 29/11/13**	**Fri 29/11/13**
Verify GP/Cogsdale/MS Dynamics backup	0%	0 days?	Fri 29/11/13	Fri 29/11/13
Back up other systems To be determined	0%	0 days?	Fri 29/11/13	Fri 29/11/13
⊟ **Production Environment Prep**	**0%**	**37 days**	**Mon 14/10/13**	**Sun 01/12/13**
⊟ **Systems Conversion**	**0%**	**37 days**	**Mon 14/10/13**	**Sun 01/12/13**
⊟ **CSS to Cogsdale Conversion**	**0%**	**37 days**	**Mon 14/10/13**	**Sun 01/12/13**
IT set up hardware and apply application	0%	35 days	Mon 14/10/13	Fri 29/11/13
Prep Great Plains(Cogsdale)	0%	1 day	Fri 29/11/13	Fri 29/11/13
Apply last pristine configuration	0%	1 day	Sat 30/11/13	Sat 30/11/13
Execute conversion	0%	2 days	Sat 30/11/13	Sun 01/12/13
GIS Conversion	0%	1 day	Sun 01/12/13	Sun 01/12/13
MV90 ITRON Conversion	0%	1 day	Sun 01/12/13	Sun 01/12/13
TBD	0%	1 day	Sun 01/12/13	Sun 01/12/13
⊟ **System Configuration**	**0%**	**20 days?**	**Mon 04/11/13**	**Fri 29/11/13**
Configure middleware/integration endpoints	0%	20 days?	Mon 04/11/13	Fri 29/11/13
Apply Cogsdale Security for end users	0%	10 days	Mon 04/11/13	Fri 15/11/13
Configure Business Objects server	0%	2 days	Thu 14/11/13	Fri 15/11/13
⊟ **Promote systems**	**0%**	**2 days**	**Sun 01/12/13**	**Mon 02/12/13**
Promote Bill Print	0%	1 day	Mon 02/12/13	Mon 02/12/13
Promote IVR	0%	1 day	Sun 01/12/13	Sun 01/12/13
Promote business objects code	0%	1 day	Sun 01/12/13	Sun 01/12/13
Promote Cogsdale code	0%	1 day	Sun 01/12/13	Sun 01/12/13
Promote middleware/integration endpoints to live systems	0%	1 day	Sun 01/12/13	Sun 01/12/13
⊟ **Verify conversion**	**0%**	**1 day**	**Sun 01/12/13**	**Sun 01/12/13**
Restore Cogsdale Converted System to Test Environment	0%	1 day	Sun 01/12/13	Sun 01/12/13
Smoke Test Cogsdale Test Environment	0%	1 day	Sun 01/12/13	Sun 01/12/13
Verify configuration	0%	1 day	Sun 01/12/13	Sun 01/12/13
Verify GL Conversion	0%	1 day	Sun 01/12/13	Sun 01/12/13
Verify GIS Conversion	0%	1 day	Sun 01/12/13	Sun 01/12/13
Check Point of Go Live Conversion	0%	1 day	Sun 01/12/13	Sun 01/12/13
Back up Cogsdale	0%	1 day	Sun 01/12/13	Sun 01/12/13
Verify Bill Print provider	0%	1 day	Sun 01/12/13	Sun 01/12/13
Verify Bank	0%	1 day	Sun 01/12/13	Sun 01/12/13
Verify IVR	0%	1 day	Sun 01/12/13	Sun 01/12/13
Verify Business Objects	0%	1 day	Sun 01/12/13	Sun 01/12/13
⊟ **Verify middleware config**	**0%**	**1 day**	**Sun 01/12/13**	**Sun 01/12/13**
Smoke test middleware	0%	1 day	Sun 01/12/13	Sun 01/12/13
Check Point of Go Live - Interface Partners	0%	1 day	Sun 01/12/13	Sun 01/12/13
Check Point of Go Live - Middleware and Integration	0%	1 day	Sun 01/12/13	Sun 01/12/13
Go Live	**0%**	**0 days**	**Sun 01/12/13**	**Sun 01/12/13**
⊟ **Business Readiness**	**0%**	**231 days?**	**Mon 14/01/13**	**Fri 29/11/13**
⊟ **Change impact Analysis**	**0%**	**156 days?**	**Mon 18/02/13**	**Fri 20/09/13**
Develop Inventory of all Change impacts for all business groups	0%	156 days?	Mon 18/02/13	Fri 20/09/13
Conduct task analysis for each end user group	0%	156 days?	Mon 18/02/13	Fri 20/09/13
Communicate Impacts to Stakeholders & Target Groups	0%	156 days	Mon 18/02/13	Fri 20/09/13
Obtain Stakeholder sign off	0%	0 days	Fri 20/09/13	Fri 20/09/13
⊟ **Business Process design**	**0%**	**85 days**	**Mon 14/01/13**	**Fri 10/05/13**
Design and Document processes and business rules	0%	75 days	Mon 14/01/13	Fri 26/04/13
Obtain stakeholder sign off for business rules and process changes	0%	75 days	Mon 28/01/13	Fri 10/05/13
⊟ **End user communication**	**0%**	**87 days**	**Thu 01/08/13**	**Fri 29/11/13**
⊟ **Liberty End user communications**	**0%**	**87 days**	**Thu 01/08/13**	**Fri 29/11/13**
Issue communications re system overview, lexicon, go live plan/schedule	0%	87 days	Thu 01/08/13	Fri 29/11/13
Issue targetted process/user group specific communications -bi-weekly	0%	87 days	Thu 01/08/13	Fri 29/11/13
⊟ **End user Training**	**0%**	**196 days**	**Mon 11/02/13**	**Fri 08/11/13**
Develop training strategy	0%	5 days	Mon 11/02/13	Fri 15/02/13
Obtain stakeholder sign off	0%	1 day	Wed 20/02/13	Wed 20/02/13
⊟ **Training**	**0%**	**191 days**	**Mon 18/02/13**	**Fri 08/11/13**
Create Training environment	0%	5 days	Mon 04/03/13	Fri 08/03/13
⊟ **Develop Training Material**	**0%**	**90 days**	**Mon 18/02/13**	**Fri 21/06/13**
Create Training Development Schedule	0%	5 days	Mon 18/02/13	Fri 22/02/13
Legacy System	0%	65 days	Mon 25/03/13	Fri 21/06/13
Cogsdale	0%	65 days	Mon 25/03/13	Fri 21/06/13
⊟ **Deliver Training Material**	**0%**	**90 days**	**Mon 08/07/13**	**Fri 08/11/13**
Prepare Training Environment	0%	5 days	Mon 05/08/13	Fri 09/08/13
Create training delivery schedule	0%	5 days	Mon 08/07/13	Fri 12/07/13
Training schedule approval by stakeholders	0%	0 days	Fri 19/07/13	Fri 19/07/13
Deliver Legacy System Training	0%	60 days	Mon 19/08/13	Fri 08/11/13
Deliver New CIS Training	0%	60 days	Mon 19/08/13	Fri 08/11/13

Task Name	% Complete	Duration	Start	Finish
⊟ Business Resource Planning	0%	3 days	Mon 15/07/13	Wed 17/07/13
Forecast go- live impacts of conversion and post conversion tasks	0%	3 days	Mon 15/07/13	Wed 17/07/13
⊟ Go Live and Readiness Tracking	0%	143 days?	Mon 06/05/13	Tue 19/11/13
Develop draft readiness and metrics and performance assesSMEsssnt targets	0%	10 days	Mon 06/05/13	Fri 17/05/13
Negotiate final readiness metrics and performance assesSMEsssnt targets with key stakeholders	0%	10 days	Mon 20/05/13	Fri 31/05/13
Present final readiness assesSMEsssnt plan to stakeholders and sponsors for sign off	0%	1 day?	Mon 03/06/13	Mon 03/06/13
Hold readiness meetings with stakeholders	0%	120 days	Thu 06/06/13	Tue 19/11/13
Present Readiness status for Go-No Go decision	0%	1 day?	Mon 05/08/13	Mon 05/08/13
⊟ Post Implementation (Electric)	0%	152 days	Mon 09/09/13	Fri 04/04/14
⊟ Incident and Issue Management - Post Go Live	0%	152 days	Mon 09/09/13	Fri 04/04/14
Develop issue management strategy	0%	10 days	Mon 09/09/13	Fri 20/09/13
Develop pre/post go live IT and application support staff requirements	0%	30 days	Mon 09/09/13	Fri 18/10/13
Implement Go live staffing plan	0%	90 days	Mon 11/11/13	Wed 12/03/14
Manage issues	0%	90 days	Mon 02/12/13	Fri 04/04/14
⊟ IVR (Tele Self Service) Implementation (Vocantas)	1%	380 days?	Thu 28/06/12	Sun 01/12/13
⊟ Gas	2%	270 days?	Thu 28/06/12	Tue 02/07/13
⊟ Project Planning and Initiation (Gas and Electric)	43%	37 days	Thu 28/06/12	Fri 17/08/12
Planning	50%	32 days	Thu 28/06/12	Fri 10/08/12
Identify project team	0%	2 days	Mon 13/08/12	Tue 14/08/12
Define roles and responsiblities	0%	2 days	Wed 15/08/12	Thu 16/08/12
Kick off meeting	0%	1 day	Fri 17/08/12	Fri 17/08/12
⊟ Requirements (Gas and Electric)	0%	57 days	Wed 15/08/12	Wed 31/10/12
⊟ Phase 1 Voice Communication Systems Analysis (Gas & Electric)	0%	24 days	Wed 15/08/12	Mon 17/09/12
⊟ Feature and Function Analysis (Gas & Electric)	0%	8 days	Wed 15/08/12	Fri 24/08/12
Call Flow Analysis Workshops (Flow Chart)	0%	4 days	Wed 15/08/12	Mon 20/08/12
Customer Account Validation	0%	8 days	Wed 15/08/12	Fri 24/08/12
Account Information	0%	8 days	Wed 15/08/12	Fri 24/08/12
Meter Reading	0%	8 days	Wed 15/08/12	Fri 24/08/12
Company Information and Frequently Asked Questions	0%	8 days	Wed 15/08/12	Fri 24/08/12
Outage Messaging	0%	8 days	Wed 15/08/12	Fri 24/08/12
Outbound Notifications	0%	8 days	Wed 15/08/12	Fri 24/08/12
Account Payments	0%	8 days	Wed 15/08/12	Fri 24/08/12
Historical Information	0%	8 days	Wed 15/08/12	Fri 24/08/12
⊟ Update Requirements Specifications Document (Gas & Electric)	0%	16 days	Mon 27/08/12	Mon 17/09/12
Update requirements document	0%	5 days	Mon 27/08/12	Fri 31/08/12
Review Requirements document	0%	3 days	Mon 03/09/12	Wed 05/09/12
Revise Requirements document	0%	2 days	Thu 06/09/12	Fri 07/09/12
Sign off on Requirements document	0%	6 days	Mon 10/09/12	Mon 17/09/12
⊟ Phase 2 Environment and Infrastructure Analysis (Gas & Electric)	0%	39 days	Mon 10/09/12	Wed 31/10/12
Inventory and Determine trunk Requirements	0%	3.5 days	Mon 10/09/12	Thu 13/09/12
Physical location of wiring and call flow for trunk line	0%	1 day	Thu 13/09/12	Fri 14/09/12
Determine network Assesment Requirements	0%	1 day	Thu 13/09/12	Fri 14/09/12
Determine requirements LAN/WAN Topology map	0%	3 days	Fri 14/09/12	Wed 19/09/12
Determine Emergency Services Call Handling Requirements	0%	1 day	Wed 19/09/12	Thu 20/09/12
Review LAN/WAN requirements	0%	2 days	Tue 25/09/12	Wed 26/09/12
⊟ Review Vendor Specific Requirements (Gas & Electric)	0%	26 days	Thu 27/09/12	Wed 31/10/12
Server Configuration Agreement from Vendor	0%	3 days	Thu 27/09/12	Mon 01/10/12
Review server requirements	0%	2 days	Tue 02/10/12	Wed 03/10/12
Review administration requirements	0%	2 days	Thu 04/10/12	Fri 05/10/12
Review racking and cabling requirements	0%	2 days	Mon 08/10/12	Tue 09/10/12
Review recommendations for Uniterruptible Power Source	0%	1 day	Wed 10/10/12	Wed 10/10/12
Review ventilation and power requirements	0%	1 day	Thu 11/10/12	Thu 11/10/12
Order Servers	0%	1 day	Fri 12/10/12	Fri 12/10/12
Produce statement of work	0%	5 days	Sat 13/10/12	Thu 18/10/12
Review statement of work	0%	3 days	Fri 19/10/12	Tue 23/10/12
Revise statement of work	0%	3 days	Wed 24/10/12	Fri 26/10/12
Signoff statement of work	0%	3 days	Mon 29/10/12	Wed 31/10/12
⊟ Design & Configuration (Gas)	0%	89 days	Sat 13/10/12	Thu 07/02/13
Delivery of Server, with Software installed	0%	64 days	Sat 13/10/12	Thu 03/01/13
⊟ Configure Telephone System's call flow through process (Gas & Electric)	0%	2 days	Mon 21/01/13	Tue 22/01/13
Configure trunking	0%	2 days	Mon 21/01/13	Tue 22/01/13
⊟ Configure IVR System (Gas)	0%	12 days	Wed 23/01/13	Thu 07/02/13
Configure All Required Features	0%	3 days	Wed 23/01/13	Fri 25/01/13
Configure call flows	0%	3 days	Mon 28/01/13	Wed 30/01/13
Configure Administrator and User Accounts	0%	1 day	Thu 31/01/13	Thu 31/01/13
Set up paypal account and payment handling	0%	2 days	Fri 01/02/13	Mon 04/02/13
Configure Reports and Design Layouts	0%	1 day	Tue 05/02/13	Tue 05/02/13
Review full Configuration for Accounts and Call flow	0%	2 days	Wed 06/02/13	Thu 07/02/13
⊟ Quality Assurance (Gas)	0%	90 days?	Mon 11/02/13	Fri 14/06/13
⊟ Test Strategy	0%	5 days	Mon 11/02/13	Fri 15/02/13
Update Test Strategy	0%	2 days	Mon 11/02/13	Tue 12/02/13
Review Test Strategy	0%	2 days	Wed 13/02/13	Thu 14/02/13
Sign off on Test Strategy	0%	1 day	Fri 15/02/13	Fri 15/02/13

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Task Name	% Complete	Duration	Start	Finish
⊟ Set up test environment	0%	5 days	Mon 11/02/13	Fri 15/02/13
IT setup hardware and software	0%	3 days	Mon 11/02/13	Wed 13/02/13
Configure test environment	0%	2 days	Thu 14/02/13	Fri 15/02/13
⊟ System Integration Testing (End to End Business Scenario)	0%	70 days	Mon 18/02/13	Fri 24/05/13
⊟ Test Plan	0%	7 days	Mon 18/02/13	Tue 26/02/13
Define Test Scope	0%	1 day	Mon 18/02/13	Mon 18/02/13
Develop Testing/Scenario Scripts	0%	4 days	Tue 19/02/13	Fri 22/02/13
Sign off on Test Plan	0%	2 days	Mon 25/02/13	Tue 26/02/13
⊟ Test Execution I	0%	10 days	Mon 18/02/13	Fri 01/03/13
Execution of Test scripts	0%	5 days	Mon 18/02/13	Fri 22/02/13
Test Emergency Handling	0%	1 day	Mon 25/02/13	Mon 25/02/13
Test through various devices	0%	1 day	Tue 26/02/13	Tue 26/02/13
Test payment through paypal updates the account	0%	2 days	Wed 27/02/13	Thu 28/02/13
Test Integration to CIS	0%	1 day	Fri 01/03/13	Fri 01/03/13
CODE FREEZE FOR ALL SYSTEMS	0%	0 days	Mon 11/03/13	Mon 11/03/13
⊟ Test Execution II	0%	10 days	Mon 13/05/13	Fri 24/05/13
Execution of Test scripts	0%	5 days	Mon 13/05/13	Fri 17/05/13
Test Emergency Handling	0%	1 day	Mon 20/05/13	Mon 20/05/13
Test through various devices	0%	1 day	Mon 20/05/13	Mon 20/05/13
Test payment through paypal updates the account	0%	2 days	Tue 21/05/13	Wed 22/05/13
Test Integration to CIS	0%	2 days	Thu 23/05/13	Fri 24/05/13
⊟ User Acceptance Testing(Integrated Testing) (Gas)	0%	30 days	Mon 06/05/13	Fri 14/06/13
⊟ Test Plan	0%	11 days	Mon 06/05/13	Mon 20/05/13
Update Test Scope	0%	1 day	Mon 06/05/13	Mon 06/05/13
Update Testing/Scenario Scripts	0%	2 days	Tue 07/05/13	Wed 08/05/13
Review Test Plan	0%	2 days	Thu 09/05/13	Fri 10/05/13
Sign off on Test Plan	0%	6 days	Mon 13/05/13	Mon 20/05/13
⊟ Test Execution	0%	15 days	Mon 27/05/13	Fri 14/06/13
Execution of User Acceptance Test	0%	10 days	Mon 27/05/13	Fri 07/06/13
Sign off on User Acceptance Test	0%	5 days	Mon 10/06/13	Fri 14/06/13
⊟ Defect Management	0%	85 days?	Mon 18/02/13	Fri 14/06/13
Log Defects	0%	80 days?	Mon 18/02/13	Fri 07/06/13
Assign defects to appropriate party	0%	80 days?	Mon 18/02/13	Fri 07/06/13
Test Defect fix	0%	80 days?	Mon 18/02/13	Fri 07/06/13
Document open issues and workarounds	0%	40 days?	Mon 18/02/13	Fri 12/04/13
Sign off on open issues and workaround list	0%	5 days	Mon 10/06/13	Fri 14/06/13
⊟ Implementation (Gas)	0%	83 days	Mon 11/03/13	Tue 02/07/13
⊟ Cutover Planning	0%	41 days	Mon 11/03/13	Mon 06/05/13
Cutover planning kick off meeting	0%	1 day	Mon 11/03/13	Mon 11/03/13
Build cutover listing	0%	30 days	Tue 12/03/13	Mon 22/04/13
Review and Revise cutover listing	0%	40 days	Tue 12/03/13	Mon 06/05/13
Create cutover schedule	0%	40 days	Tue 12/03/13	Mon 06/05/13
⊟ Training	0%	8 days	Mon 22/04/13	Wed 01/05/13
Update Training documents	0%	2 days	Mon 22/04/13	Tue 23/04/13
Schedule training sessions	0%	1 day	Wed 24/04/13	Wed 24/04/13
Deliver training	0%	5 days	Thu 25/04/13	Wed 01/05/13
⊟ Cutover - Go Live	0%	13 days	Mon 17/06/13	Tue 02/07/13
Execute cutover activities	0%	12 days	Mon 17/06/13	Mon 01/07/13
Legacy Environment Shut Down	0%	1 day	Tue 02/07/13	Tue 02/07/13
⊟ Production Preparation	0%	11 days	Mon 17/06/13	Sun 30/06/13
Install software on production server	0%	1 day	Mon 17/06/13	Mon 17/06/13
Configure IVR software	0%	2 days	Tue 18/06/13	Wed 19/06/13
Link telephone number to IVR	0%	1 day	Sun 30/06/13	Sun 30/06/13
Apply security	0%	1 day	Thu 20/06/13	Thu 20/06/13
Integrate payment handling in production database	0%	1 day	Fri 21/06/13	Fri 21/06/13
Go Live	0%	0 days	Sun 30/06/13	Sun 30/06/13
⊟ Electric	0%	153 days?	Mon 06/05/13	Sun 01/12/13
⊟ Design & Configure (Electric)	0%	6 days	Mon 06/05/13	Mon 13/05/13
Modify or Update Required Features	0%	1 day	Mon 06/05/13	Mon 06/05/13
Modify or Update call flows	0%	2 days	Mon 06/05/13	Tue 07/05/13
Modify or Add Administrator and User Accounts	0%	1 day	Wed 08/05/13	Wed 08/05/13
Modify or Update Paypal account and payment handling	0%	2 days	Wed 08/05/13	Thu 09/05/13
Modify or Update Reports and Design Layouts	0%	1 day	Fri 10/05/13	Fri 10/05/13
Review Full Configuration for all Accounts and Call flow	0%	1 day	Mon 13/05/13	Mon 13/05/13
⊟ Quality Assurance (Electric)	0%	131 days?	Mon 13/05/13	Fri 08/11/13
⊟ Test Strategy	0%	5 days	Mon 13/05/13	Fri 17/05/13
Update Test Strategy	0%	2 days	Mon 13/05/13	Tue 14/05/13
Review Test Strategy	0%	2 days	Wed 15/05/13	Thu 16/05/13
Sign off on Test Strategy	0%	1 day	Fri 17/05/13	Fri 17/05/13

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Task Name	% Complete	Duration	Start	Finish
⊟ **Set up test environment**	**0%**	**8 days**	**Wed 29/05/13**	**Fri 07/06/13**
IT setup hardware and software	0%	4 days	Wed 29/05/13	Mon 03/06/13
Configure test environment	0%	4 days	Tue 04/06/13	Fri 07/06/13
⊟ **System Integration Testing (End to End Business Scenario)**	**0%**	**91 days**	**Mon 03/06/13**	**Fri 04/10/13**
⊟ **Test Plan**	**0%**	**6 days**	**Mon 03/06/13**	**Mon 10/06/13**
Define Test Scope	0%	2.5 days	Mon 03/06/13	Wed 05/06/13
Develop Testing/Scenario Scripts	0%	2.5 days	Wed 05/06/13	Fri 07/06/13
Sign off on Test Plan	0%	1 day	Mon 10/06/13	Mon 10/06/13
⊟ **Test Execution I**	**0%**	**44 days**	**Tue 11/06/13**	**Fri 09/08/13**
Execution of Test scripts	0%	5 days	Tue 11/06/13	Mon 17/06/13
Test Emergency Handling	0%	1 day	Tue 18/06/13	Tue 18/06/13
Test through various devices	0%	1 day	Wed 19/06/13	Wed 19/06/13
Test payment through paypal updates the account	0%	3 days	Thu 20/06/13	Mon 24/06/13
Test Integration to CIS	0%	2 days	Tue 25/06/13	Wed 26/06/13
CODE FREEZE FOR ALL SYSTEMS	0%	0 days	Fri 09/08/13	Fri 09/08/13
⊟ **Test Execution II**	**0%**	**10 days**	**Mon 23/09/13**	**Fri 04/10/13**
Execution of Test scripts	0%	5 days	Mon 23/09/13	Fri 27/09/13
Test Emergency Handling	0%	1.5 days	Mon 30/09/13	Tue 01/10/13
Test through various devices	0%	1 day	Mon 30/09/13	Mon 30/09/13
Test payment through paypal updates the account	0%	2 days	Tue 01/10/13	Wed 02/10/13
Test Integration to CIS	0%	2 days	Thu 03/10/13	Fri 04/10/13
⊟ **User Acceptance Testing(Integrated Testing) (Electric)**	**0%**	**25 days**	**Mon 07/10/13**	**Fri 08/11/13**
⊟ **Test Plan**	**0%**	**11 days**	**Mon 07/10/13**	**Mon 21/10/13**
Update Test Scope	0%	1 day	Mon 07/10/13	Mon 07/10/13
Update Testing/Scenario Scripts	0%	3 days	Tue 08/10/13	Thu 10/10/13
Review Test Plan	0%	1 day	Fri 11/10/13	Fri 11/10/13
Sign off on Test Plan	0%	6 days	Mon 14/10/13	Mon 21/10/13
⊟ **Test Execution**	**0%**	**14 days**	**Tue 22/10/13**	**Fri 08/11/13**
Execution of User Acceptance Test	0%	10 days	Tue 22/10/13	Mon 04/11/13
Sign off on User Acceptance Test	0%	1 day	Fri 08/11/13	Fri 08/11/13
⊟ **Defect Management**	**0%**	**109 days?**	**Tue 11/06/13**	**Fri 08/11/13**
Log Defects	0%	106 days	Tue 11/06/13	Mon 04/11/13
Assign defects to appropriate party	0%	106 days?	Tue 11/06/13	Mon 04/11/13
Test Defect fix	0%	106 days	Tue 11/06/13	Mon 04/11/13
Document open issues and workarounds	0%	106 days?	Tue 11/06/13	Mon 04/11/13
Sign off on open issues and workaround list	0%	0 days	Fri 08/11/13	Fri 08/11/13
⊟ **Implementation (Electric)**	**0%**	**42 days**	**Mon 07/10/13**	**Sun 01/12/13**
⊟ **Cutover Planning**	**0%**	**27 days**	**Mon 07/10/13**	**Tue 12/11/13**
Cutover planning kick off meeting	0%	1 day	Mon 07/10/13	Mon 07/10/13
Build cutover listing	0%	9 days	Tue 08/10/13	Fri 18/10/13
Review and Revise cutover listing	0%	10 days	Mon 21/10/13	Fri 01/11/13
Create cutover schedule	0%	7 days	Mon 04/11/13	Tue 12/11/13
⊟ **Training**	**0%**	**7 days**	**Mon 07/10/13**	**Tue 15/10/13**
Update Training documents	0%	2 days	Mon 07/10/13	Tue 08/10/13
Schedule training sessions	0%	1 day	Wed 09/10/13	Wed 09/10/13
Deliver training	0%	4 days	Thu 10/10/13	Tue 15/10/13
⊟ **Cutover - Go Live**	**0%**	**12 days**	**Mon 18/11/13**	**Sun 01/12/13**
Execute cutover activities	0%	11 days	Mon 18/11/13	Sat 30/11/13
Legacy Environment Shut Down	0%	0 days	Sun 01/12/13	Sun 01/12/13
⊟ **Production Preparation**	**0%**	**12 days**	**Mon 18/11/13**	**Sun 01/12/13**
Configure IVR software	0%	2 days	Mon 18/11/13	Tue 19/11/13
Link telephone number to IVR	0%	1 day	Sun 01/12/13	Sun 01/12/13
Apply security	0%	1 day	Fri 22/11/13	Fri 22/11/13
Go Live	**0%**	**0 days**	**Sun 01/12/13**	**Sun 01/12/13**
⊟ **Website (Self Service) Implementation (Fiserv)**	**1%**	**386 days?**	**Thu 21/06/12**	**Mon 02/12/13**
⊟ **GAS**	**2%**	**274 days?**	**Thu 21/06/12**	**Mon 01/07/13**
⊟ **Project Initation and Planning (Gas and Electric)**	**19%**	**87.5 days?**	**Thu 21/06/12**	**Fri 19/10/12**
Planning	20%	62 days	Thu 21/06/12	Fri 14/09/12
Identify project team	0%	3 days	Tue 09/10/12	Thu 11/10/12
Define Roles and Responsiliity	0%	1 day?	Fri 12/10/12	Fri 12/10/12
Project kick-off	0%	0.5 days	Fri 19/10/12	Fri 19/10/12
⊟ **Requirement Analysis (Gas and Electric)**	**0%**	**22.5 days?**	**Fri 19/10/12**	**Mon 19/11/12**
⊟ **Functional Requirements**	**0%**	**22.5 days**	**Fri 19/10/12**	**Mon 19/11/12**
Demonstration of Web Self Service	0%	0.5 days	Fri 19/10/12	Fri 19/10/12
Requirement Session	0%	2 days	Mon 22/10/12	Tue 23/10/12
Develop requirements document	0%	7 days	Thu 25/10/12	Fri 02/11/12
Review Requirements document	0%	10 days	Mon 05/11/12	Fri 16/11/12
Sign off requirements document	0%	2 days	Sat 17/11/12	Mon 19/11/12

Task Name	% Comple	Duration	Start	Finish
⊟ **Integration Requirements**	0%	16 days?	Wed 24/10/12	Wed 14/11/12
⊟ **WEB (PILOT)**	0%	15 days?	Wed 24/10/12	Tue 13/11/12
Requirements session	0%	2 days	Wed 24/10/12	Thu 25/10/12
Develop requirements document	0%	5 days	Fri 26/10/12	Thu 01/11/12
Review Requirements document	0%	6 days	Fri 02/11/12	Fri 09/11/12
Sign off requirements document	0%	2 days?	Mon 12/11/12	Tue 13/11/12
⊟ **CIS (COGSDALE)**	0%	13 days	Mon 29/10/12	Wed 14/11/12
Integration requirements session	0%	2 days	Mon 29/10/12	Tue 30/10/12
Develop requirements document	0%	5 days	Wed 31/10/12	Tue 06/11/12
Review Requirements document	0%	4 days	Wed 07/11/12	Mon 12/11/12
Sign off requirements document	0%	2 days	Tue 13/11/12	Wed 14/11/12
⊟ **Design and Configure (Gas)**	0%	49 days	Tue 13/11/12	Mon 14/01/13
⊟ **WEB SELF SERVICE(FISERV)**	0%	49 days	Tue 13/11/12	Mon 14/01/13
Define Configuration of the options	0%	10 days	Tue 13/11/12	Fri 23/11/12
Architecture and Layout design	0%	3 days	Mon 03/12/12	Wed 05/12/12
Configure web page	0%	3 days	Mon 31/12/12	Wed 02/01/13
Integration to CIS test	0%	3 days	Thu 03/01/13	Mon 07/01/13
Set up merchant account for credit card	0%	3 days	Thu 10/01/13	Mon 14/01/13
⊟ **WEB(PILOT)**	0%	41 days	Tue 13/11/12	Wed 02/01/13
Design web pages to be set up for self service options	0%	15 days	Tue 13/11/12	Fri 30/11/12
Architecture and Layout design	0%	10 days	Mon 03/12/12	Thu 13/12/12
Configure all web pages	0%	13 days	Wed 19/12/12	Wed 02/01/13
⊟ **CIS(COGSDALE)**	0%	15 days	Mon 19/11/12	Fri 07/12/12
Integrations	0%	15 days	Mon 19/11/12	Fri 07/12/12
⊟ **Quality Assurance (Gas)**	0%	137 days	Mon 10/12/12	Fri 14/06/13
⊟ **Test Strategy**	0%	11 days	Mon 10/12/12	Mon 24/12/12
Define Test Strategy	0%	4 days	Mon 10/12/12	Thu 13/12/12
Review Test Strategy	0%	2 days	Fri 14/12/12	Mon 17/12/12
Sign off on Test Strategy	0%	2 days	Fri 21/12/12	Mon 24/12/12
⊟ **Set up WEB Test Environment**	0%	16 days	Mon 07/01/13	Mon 28/01/13
Integrate WEB to CIS TEST	0%	15 days	Mon 07/01/13	Fri 25/01/13
Add payment party	0%	1 day	Mon 28/01/13	Mon 28/01/13
⊟ **System Integration Testing (End to End Business Scenario)**	0%	101 days	Tue 18/12/12	Fri 03/05/13
⊟ **Test Plan**	0%	25 days	Tue 18/12/12	Thu 17/01/13
Define test scope	0%	3 days	Tue 18/12/12	Thu 20/12/12
Develop Testing/Scenario Scripts	0%	4 days	Fri 21/12/12	Wed 26/12/12
Sign off test plan	0%	5 days	Fri 11/01/13	Thu 17/01/13
⊟ **Test Execution I**	0%	20 days	Mon 28/01/13	Fri 22/02/13
Execution of Test scripts	0%	20 days	Mon 28/01/13	Fri 22/02/13
CODE FREEZE FOR ALL SYSTEMS	0%	0 days	Mon 11/03/13	Mon 11/03/13
⊟ **Test Execution II**	0%	10 days	Mon 22/04/13	Fri 03/05/13
Execution of Test scripts	0%	10 days	Mon 22/04/13	Fri 03/05/13
⊟ **User Acceptance Testing(Integrated Testing) (Gas)**	0%	32 days	Thu 02/05/13	Fri 14/06/13
⊟ **Test Plan**	0%	8 days	Thu 02/05/13	Mon 13/05/13
Update Test Scope	0%	1 day	Thu 02/05/13	Thu 02/05/13
Update Testing/Scenario Scripts	0%	2 days	Fri 03/05/13	Mon 06/05/13
Review Test Plan	0%	2 days	Tue 07/05/13	Wed 08/05/13
Sign off on Test Plan	0%	3 days	Thu 09/05/13	Mon 13/05/13
⊟ **Test Execution**	0%	15 days	Mon 27/05/13	Fri 14/06/13
Execution of test scripts	0%	10 days	Mon 27/05/13	Fri 07/06/13
Sign off on Acceptance test	0%	5 days	Mon 10/06/13	Fri 14/06/13
⊟ **Defect Management**	0%	99 days	Mon 28/01/13	Fri 14/06/13
Log Defects	0%	95 days	Mon 28/01/13	Fri 07/06/13
Assign defects to appropriate party	0%	95 days	Mon 28/01/13	Fri 07/06/13
Test Defect fix	0%	95 days	Mon 28/01/13	Fri 07/06/13
Defect reporting	0%	95 days	Mon 28/01/13	Fri 07/06/13
Document open issues and workarounds	0%	14 days	Mon 27/05/13	Thu 13/06/13
Sign off on open issues and workaround list	0%	0 days	Fri 14/06/13	Fri 14/06/13
⊟ **Implementation (Gas)**	0%	72 days	Mon 25/03/13	Mon 01/07/13
⊟ **Cutover Planning**	0%	25 days	Mon 25/03/13	Fri 26/04/13
Cutover planning kick off meeting	0%	1 day	Mon 25/03/13	Mon 25/03/13
Build cutover listing	0%	7 days	Tue 26/03/13	Wed 03/04/13
Review and Revise cutover listing	0%	7 days	Thu 04/04/13	Fri 12/04/13
Create cutover schedule	0%	5 days	Mon 22/04/13	Fri 26/04/13
⊟ **Training**	0%	10 days	Mon 15/04/13	Fri 26/04/13
Update Training Material	0%	3 days	Mon 15/04/13	Wed 17/04/13
Schedule Training	0%	1 day	Thu 18/04/13	Thu 18/04/13
Deliver Training	0%	5 days	Mon 22/04/13	Fri 26/04/13
⊟ **Cutover - Go Live**	0%	13 days	Fri 14/06/13	Mon 01/07/13
Execute cutover activities	0%	13 days	Fri 14/06/13	Mon 01/07/13
Legacy Environment Shut Down	0%	1 day	Fri 28/06/13	Fri 28/06/13
⊟ **Production Preparation**	0%	1 day	Sun 30/06/13	Sun 30/06/13
Promote Website	0%	1 day	Sun 30/06/13	Sun 30/06/13
Set up CIS connection	0%	1 day	Sun 30/06/13	Sun 30/06/13
Set up payment party	0%	1 day	Sun 30/06/13	Sun 30/06/13
Set up configuration	0%	1 day	Sun 30/06/13	Sun 30/06/13
Turn on middleware	0%	1 day	Sun 30/06/13	Sun 30/06/13
Go Live	0%	0 days	Sun 30/06/13	Sun 30/06/13

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Task Name	% Comple	Duration	Start	Finish
⊟ Electric	0%	169 days?	Mon 15/04/13	Mon 02/12/13
⊟ Design and Configure (Electric)	0%	19 days	Mon 15/04/13	Thu 09/05/13
⊟ WEB SELF SERVICE(FISERV)	0%	9 days	Mon 29/04/13	Thu 09/05/13
Define Configuration of the options	0%	3 days	Mon 29/04/13	Wed 01/05/13
Architecture and Layout design	0%	3 days	Thu 02/05/13	Mon 06/05/13
Integration to CIS test	0%	3 days	Tue 07/05/13	Thu 09/05/13
⊟ WEB(PILOT)	0%	7 days	Mon 29/04/13	Tue 07/05/13
Design web pages to be set up for self service options	0%	3 days	Mon 29/04/13	Wed 01/05/13
Architecture and Layout design	0%	2 days	Thu 02/05/13	Fri 03/05/13
Configure all web pages	0%	2 days	Mon 06/05/13	Tue 07/05/13
⊟ CIS(COGSDALE)	0%	3 days	Mon 15/04/13	Wed 17/04/13
Integration to CIS test	0%	3 days	Mon 15/04/13	Wed 17/04/13
⊟ Quality Assurance (Electric)	0%	150 days	Mon 15/04/13	Fri 08/11/13
⊟ Test Strategy	0%	6 days	Mon 15/04/13	Mon 22/04/13
Define Test Strategy	0%	3 days	Mon 15/04/13	Wed 17/04/13
Review Test Strategy	0%	1 day	Thu 18/04/13	Thu 18/04/13
Sign off on Test Strategy	0%	2 days	Fri 19/04/13	Mon 22/04/13
⊟ Set up WEB Test Environment	0%	5 days	Mon 13/05/13	Fri 17/05/13
Integrate WEB to CIS TEST	0%	4 days	Mon 13/05/13	Thu 16/05/13
Add payment party	0%	1 day	Fri 17/05/13	Fri 17/05/13
⊟ System Integration Testing (End to End Business Scenario)	0%	101 days	Mon 06/05/13	Fri 20/09/13
⊟ Test Plan	0%	9 days	Mon 06/05/13	Thu 16/05/13
Define test plan	0%	5 days	Mon 06/05/13	Fri 10/05/13
Develop Testing/Scenario Scripts	0%	3 days	Mon 13/05/13	Wed 15/05/13
Sign off test plan	0%	1 day	Thu 16/05/13	Thu 16/05/13
⊟ Test Execution I	0%	15 days	Mon 10/06/13	Fri 28/06/13
Execution of Test scripts	0%	15 days	Mon 10/06/13	Fri 28/06/13
CODE FREEZE FOR ALL SYSTEMS	0%	0 days	Fri 09/08/13	Fri 09/08/13
⊟ Test Execution II	0%	10 days	Mon 09/09/13	Fri 20/09/13
Execution of Test scripts	0%	10 days	Mon 09/09/13	Fri 20/09/13
⊟ User Acceptance Testing(Integrated Testing) (Electric)	0%	34 days	Mon 23/09/13	Fri 08/11/13
⊟ Test Plan	0%	6 days	Mon 23/09/13	Mon 30/09/13
Define Test Scope	0%	1 day	Mon 23/09/13	Mon 23/09/13
Develop Testing/Scenario Scripts	0%	3 days	Tue 24/09/13	Thu 26/09/13
Sign off on Test Plan	0%	2 days	Fri 27/09/13	Mon 30/09/13
⊟ Test Execution	0%	14 days	Mon 21/10/13	Fri 08/11/13
Execution of User Acceptance Test	0%	10 days	Mon 21/10/13	Fri 01/11/13
Sign off on Acceptance test	0%	0 days	Fri 08/11/13	Fri 08/11/13
⊟ Defect Management	0%	110 days	Mon 10/06/13	Fri 08/11/13
Log Defects	0%	106 days	Mon 10/06/13	Fri 01/11/13
Assign defects to appropriate party	0%	106 days	Mon 10/06/13	Fri 01/11/13
Test Defect fix	0%	106 days	Mon 10/06/13	Fri 01/11/13
Defect reporting	0%	106 days	Mon 10/06/13	Fri 01/11/13
Document open issues and workarounds	0%	106 days	Mon 10/06/13	Fri 01/11/13
Sign off on open issues and workaround list	0%	0 days	Fri 08/11/13	Fri 08/11/13
⊟ Implementation (Electric)	0%	68 days?	Mon 02/09/13	Mon 02/12/13
⊟ Cutover Planning	0%	27 days	Mon 02/09/13	Tue 08/10/13
Cutover planning kick off meeting	0%	1 day	Mon 02/09/13	Mon 02/09/13
Build cutover listing	0%	9 days	Tue 03/09/13	Fri 13/09/13
Review and Revise cutover listing	0%	10 days	Mon 16/09/13	Fri 27/09/13
Create cutover schedule	0%	7 days	Mon 30/09/13	Tue 08/10/13
⊟ Training	0%	10 days?	Mon 09/09/13	Fri 20/09/13
Develop Training Material	0%	4 days	Mon 09/09/13	Thu 12/09/13
Schedule Training	0%	1 day?	Fri 13/09/13	Fri 13/09/13
Deliver Training	0%	5 days	Mon 16/09/13	Fri 20/09/13
⊟ Cutover - Go Live	0%	10 days	Thu 21/11/13	Mon 02/12/13
Execute cutover activities	0%	10 days	Thu 21/11/13	Mon 02/12/13
Legacy Environment Shut Down	0%	1 day	Fri 29/11/13	Fri 29/11/13
⊟ Production Preparation	0%	0 days	Sun 01/12/13	Sun 01/12/13
Promote Website	0%	0 days	Sun 01/12/13	Sun 01/12/13
Set up CIS connection	0%	0 days	Sun 01/12/13	Sun 01/12/13
Set up payment party	0%	0 days	Sun 01/12/13	Sun 01/12/13
Set up configuration	0%	0 days	Sun 01/12/13	Sun 01/12/13
Turn on middleware	0%	0 days	Sun 01/12/13	Sun 01/12/13
Go Live	0%	0 days	Sun 01/12/13	Sun 01/12/13
⊟ Non Interval Meter Reading Implementation (Itron FCS)	2%	395 days?	Mon 25/06/12	Tue 17/12/13
⊟ Gas	3%	283 days?	Mon 25/06/12	Tue 16/07/13
⊟ Project Initiation (Gas)	93%	14 days	Mon 25/06/12	Thu 12/07/12
Assemble project team	100%	6 days	Mon 25/06/12	Mon 02/07/12
Define roles and responsiblities	100%	2 days	Tue 03/07/12	Wed 04/07/12
Review roles and responsibilities with team members	100%	3 days	Thu 05/07/12	Mon 09/07/12
Kick Off Meeting	100%	1 day	Tue 10/07/12	Tue 10/07/12
Review Strategy Document	50%	2 days	Wed 11/07/12	Thu 12/07/12

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Task Name	% Complete	Duration	Start	Finish
⊟ **Discovery (Gas)**	**100%**	**11 days**	**Fri 13/07/12**	**Fri 27/07/12**
Current hardware discussions	100%	2 days	Fri 13/07/12	Mon 16/07/12
Business Process mapping	100%	2 days	Tue 17/07/12	Wed 18/07/12
Draft Discovery documents with network diagram	100%	2 days	Thu 19/07/12	Fri 20/07/12
Review documents and Diagram	100%	2 days	Mon 23/07/12	Tue 24/07/12
Perform changes to discovery document	100%	2 days	Wed 25/07/12	Thu 26/07/12
Sign off on Discovery diagram	100%	1 day	Fri 27/07/12	Fri 27/07/12
⊟ **Requirements (Gas)**	**14%**	**87 days**	**Fri 13/07/12**	**Fri 09/11/12**
Initial meeting discussion to discuss requirements	100%	4 days	Fri 13/07/12	Wed 18/07/12
Develop draft project Requirements documents	100%	3 days	Thu 19/07/12	Mon 23/07/12
Project requirement review meeting	100%	2 days	Tue 24/07/12	Wed 25/07/12
Project Requirement revisions	100%	2 days	Thu 26/07/12	Fri 27/07/12
Sign off on project requirement	100%	1 day	Mon 30/07/12	Mon 30/07/12
⊟ **Project Statement of Work**	**0%**	**21 days**	**Tue 31/07/12**	**Tue 28/08/12**
Itron Compilation of SOW Document	0%	6 days	Tue 31/07/12	Tue 07/08/12
Delivery of Draft SOW Document	0%	6 days	Wed 08/08/12	Wed 15/08/12
Interval SOW Document Review Meeting	0%	3 days	Thu 16/08/12	Mon 20/08/12
Itron Inclusion of SOW Revisions	0%	3 days	Tue 21/08/12	Thu 23/08/12
Liberty Acceptance of SOW Revisions	0%	3 days	Fri 24/08/12	Tue 28/08/12
⊟ **Business Case**	**0%**	**18 days**	**Wed 29/08/12**	**Fri 21/09/12**
Business Case Creation	0%	6 days	Wed 29/08/12	Wed 05/09/12
Business Case review	0%	3 days	Thu 06/09/12	Mon 10/09/12
Business case updates	0%	4 days	Tue 11/09/12	Fri 14/09/12
Business case sign off	0%	5 days	Mon 17/09/12	Fri 21/09/12
⊟ **IT infrastructure and Analysis**	**0%**	**36 days**	**Mon 24/09/12**	**Fri 09/11/12**
Create Purchase Order for Itron Software	0%	3 days	Mon 24/09/12	Wed 26/09/12
Define data interface (MVRS, P4, XML)	0%	1 day	Thu 27/09/12	Thu 27/09/12
Finalise and acquire Database license	0%	2 days	Fri 28/09/12	Mon 01/10/12
Finalise areas of responsibilities	0%	2 days	Tue 02/10/12	Wed 03/10/12
Review Itron Project Plan	0%	2 days	Thu 04/10/12	Fri 05/10/12
Finalise Itron Project Plan	0%	2 days	Mon 08/10/12	Tue 09/10/12
Sign off on Project Plan	0%	0 days	Tue 09/10/12	Tue 09/10/12
Review hardware and database requirements	0%	2 days	Wed 10/10/12	Thu 11/10/12
Purchase Hardware (Computers and other peripherals)	0%	6 days	Fri 12/10/12	Thu 18/10/12
Provide training material on handhelds, desktop and server	0%	1 day	Fri 19/10/12	Fri 19/10/12
Create parallel testing plan in conjunction with Itron	0%	4 days	Mon 22/10/12	Thu 25/10/12
⊟ **Integration Requirements**	**0%**	**11 days**	**Fri 26/10/12**	**Fri 09/11/12**
Create Cogsdale data interface requirements	0%	3 days	Fri 26/10/12	Tue 30/10/12
Review Integration requirements with Business	0%	4 days	Wed 31/10/12	Mon 05/11/12
Create data interface requirements with MV90	0%	2 days	Tue 06/11/12	Wed 07/11/12
Review Integration requirements with Business	0%	2 days	Thu 08/11/12	Fri 09/11/12
⊟ **Design & Configuration (Gas)**	**0%**	**47 days**	**Fri 12/10/12**	**Wed 12/12/12**
⊟ **Hardware and Software installation**	**0%**	**12.2 days**	**Fri 12/10/12**	**Mon 29/10/12**
Install Database\Application server	0%	3 days	Fri 12/10/12	Wed 17/10/12
Install communication server	0%	4 days	Wed 17/10/12	Tue 23/10/12
Install FCS on the application server	0%	2 days	Tue 23/10/12	Thu 25/10/12
Configuration of Databases and Servers	0%	2 days	Thu 25/10/12	Mon 29/10/12
⊟ **Build Integration**	**0%**	**29 days**	**Tue 06/11/12**	**Wed 12/12/12**
Build Integration with Cogsdale	0%	20 days	Tue 06/11/12	Fri 30/11/12
Test Integration with Cogsdale - Unit Test	0%	5 days	Mon 03/12/12	Fri 07/12/12
Build Integration with MV90	0%	20 days	Mon 12/11/12	Thu 06/12/12
Test integration with MV90 - Unit Test	0%	5 days	Fri 07/12/12	Wed 12/12/12
⊟ **Set up**	**0%**	**22 days**	**Mon 29/10/12**	**Tue 27/11/12**
Install FCS on client computer	0%	1 day	Mon 29/10/12	Tue 30/10/12
Install software for FCS handhelds	0%	1 day	Tue 30/10/12	Wed 31/10/12
Configure Handhelds	0%	1 day	Wed 31/10/12	Thu 01/11/12
Configure FCS application	0%	2 days	Thu 01/11/12	Mon 05/11/12
Set up ODBC connection	0%	1 day	Mon 05/11/12	Tue 06/11/12
Customizing materials to fit with Liberty East	0%	2 days	Tue 06/11/12	Thu 08/11/12
⊟ **Validation of set up**	**0%**	**6 days**	**Thu 08/11/12**	**Fri 16/11/12**
Validate remote read meters using all the different communication methods	0%	2 days	Thu 08/11/12	Mon 12/11/12
Validate meter probe	0%	2 days	Mon 12/11/12	Wed 14/11/12
Validate upload and download of data	0%	2 days	Wed 14/11/12	Fri 16/11/12
⊟ **Training**	**0%**	**8 days**	**Fri 16/11/12**	**Tue 27/11/12**
Train meter readers on using handhelds	0%	2 days	Fri 16/11/12	Mon 19/11/12
Train meter reader leads on daily operation for meter reader (train the trainer)	0%	2 days	Mon 19/11/12	Wed 21/11/12
Train meter data specialist on daily operation of FCS Desktop	0%	2 days	Wed 21/11/12	Fri 23/11/12
Train Administrator on daily operations of or FCS Server	0%	2 days	Fri 23/11/12	Tue 27/11/12

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Task Name	% Comple	Duration	Start	Finish
⊟ Quality Assurance (Gas)	0%	224 days?	Wed 29/08/12	Sun 30/06/13
⊟ Test Strategy	0%	30 days	Wed 29/08/12	Tue 09/10/12
Define Test strategy	0%	6 days	Wed 29/08/12	Thu 13/09/12
Review Test Strategy	0%	3 days	Fri 14/09/12	Tue 18/09/12
Sign off on Test Strategy	0%	0 days	Tue 18/09/12	Tue 18/09/12
Set up Test Management tool	0%	5 days	Wed 19/09/12	Tue 25/09/12
Devlop Testing/ Scenario Scripts	0%	10 days	Wed 26/09/12	Tue 09/10/12
⊟ Set up Test Environment	0%	7 days	Wed 10/10/12	Wed 17/10/12
IT set up hardware and application	0%	2 days	Wed 10/10/12	Thu 11/10/12
Enter Configuration CIS and metering software	0%	2 days	Fri 12/10/12	Sat 13/10/12
Add users and appropriate security	0%	1 day	Mon 15/10/12	Mon 15/10/12
Set up other test envirnoments ex Bill Print (TBD)	0%	2 days	Tue 16/10/12	Wed 17/10/12
⊟ System Integration Testing (End to End Business Scenario)	0%	141 days	Thu 18/10/12	Fri 26/04/13
⊟ Test Plan	0%	23 days	Thu 18/10/12	Sat 17/11/12
Define Test Scope	0%	10 days	Thu 18/10/12	Wed 31/10/12
Develop Testing/Scenario Scripts	0%	10 days	Thu 01/11/12	Wed 14/11/12
Set up Test Management tool	0%	3 days	Thu 15/11/12	Sat 17/11/12
Sign off on Test Plan	0%	0 days	Sat 17/11/12	Sat 17/11/12
⊟ Test Environment	0%	8 days	Mon 19/11/12	Wed 28/11/12
Test Environment Prep	0%	5 days	Mon 19/11/12	Fri 23/11/12
Hand off from conversion team - conversion delivery	0%	3 days	Mon 26/11/12	Wed 28/11/12
⊟ Test Execution	0%	110 days	Thu 29/11/12	Fri 26/04/13
Set up data (use converted data)	0%	20 days	Thu 29/11/12	Tue 25/12/12
Execute Tests(include business process testing)	0%	90 days	Wed 26/12/12	Fri 26/04/13
Test Execution Reporting	0%	90 days	Wed 26/12/12	Fri 26/04/13
⊟ User Acceptance Testing	0%	38 days	Mon 29/04/13	Wed 19/06/13
Identify user group	0%	3 days	Mon 29/04/13	Wed 01/05/13
⊟ Test Plan	0%	10 days	Mon 29/04/13	Fri 10/05/13
Define Test Scope	0%	4 days	Mon 29/04/13	Thu 02/05/13
Develop Testing/ Scenario Scripts	0%	4 days	Fri 03/05/13	Wed 08/05/13
Set up Test Management tool	0%	1 day	Thu 09/05/13	Thu 09/05/13
Sign off on Test Plan	0%	0 days	Thu 09/05/13	Thu 09/05/13
Test Environment Prep	0%	1 day	Fri 10/05/13	Fri 10/05/13
⊟ Test Execution	0%	28 days	Mon 13/05/13	Wed 19/06/13
Set up data (use converted data)	0%	4 days	Mon 13/05/13	Thu 16/05/13
Execute Tests(include business process testing)	0%	20 days	Fri 17/05/13	Thu 13/06/13
Test Execution Reporting	0%	20 days	Fri 17/05/13	Thu 13/06/13
User Acceptance sign off	0%	4 days	Fri 14/06/13	Wed 19/06/13
⊟ Defect Management	0%	195.8 days?	Mon 08/10/12	Sun 30/06/13
Log Defects	0%	185.8 days?	Mon 08/10/12	Mon 17/06/13
Assign Defects to approriate parties	0%	185.8 days?	Wed 17/10/12	Thu 27/06/13
Test Defect fixes	0%	185.8 days?	Wed 17/10/12	Thu 27/06/13
Document open issues and workaronds - Going into Prod	0%	185.8 days?	Wed 17/10/12	Thu 27/06/13
Sign off on open issues - Going into prod	0%	2 days	Fri 28/06/13	Sun 30/06/13
⊟ Implementation (Gas)	0%	61 days	Mon 08/04/13	Sun 30/06/13
⊟ Cutover Activity	0%	12 days	Mon 08/04/13	Tue 23/04/13
Cutover planning kick off meeting	0%	2 days	Mon 08/04/13	Tue 09/04/13
Biuld cutover listing	0%	4 days	Wed 10/04/13	Mon 15/04/13
Review and revise cutover listing	0%	4 days	Tue 16/04/13	Fri 19/04/13
Create cutover schedule	0%	2 days	Mon 22/04/13	Tue 23/04/13
⊟ Cutover	0%	49 days	Wed 24/04/13	Sun 30/06/13
Execute Cutover activities	0%	20 days	Wed 24/04/13	Tue 21/05/13
Connect the Itron FCS system Prod to the CIS Cogsdale production	0%	4 days	Thu 20/06/13	Tue 25/06/13
Legacy Environment Shut Down	0%	4 days	Wed 26/06/13	Sun 30/06/13
⊟ Post Implementation (Gas)	0%	16 days	Wed 26/06/13	Tue 16/07/13
Monitor and report on the new system	0%	10 days	Wed 26/06/13	Mon 08/07/13
Follow up with the Itron technical team to ensure that the system is running as expected	0%	2 days	Tue 09/07/13	Wed 10/07/13
Ensure the Transition Service Agreement with National Grid is terminated	0%	4 days	Thu 11/07/13	Tue 16/07/13
⊟ Electric	2%	390 days?	Mon 02/07/12	Tue 17/12/13
⊟ Project Initiation (Electric)	90%	10 days	Mon 02/07/12	Fri 13/07/12
Assemble project team	100%	2 days	Mon 02/07/12	Tue 03/07/12
Define roles and responsiblities	100%	2 days	Wed 04/07/12	Thu 05/07/12
Review roles and responbilities with team members	100%	3 days	Fri 06/07/12	Tue 10/07/12
Kick Off Meeting	100%	1 day	Wed 11/07/12	Wed 11/07/12
Review Strategy Document	50%	2 days	Thu 12/07/12	Fri 13/07/12
⊟ Project Discovery (Electric)	100%	18 days	Mon 16/07/12	Wed 08/08/12
Current hardware discussions	100%	9 days	Mon 16/07/12	Thu 26/07/12
Business Process mapping	100%	2 days	Fri 27/07/12	Mon 30/07/12
Draft Discovery documents with network diagram	100%	2 days	Tue 31/07/12	Wed 01/08/12
Review documents and Diagram	100%	2 days	Thu 02/08/12	Fri 03/08/12
Perform changes to discovery document	100%	2 days	Mon 06/08/12	Tue 07/08/12
Sign off on Discovery diagram	100%	1 day	Wed 08/08/12	Wed 08/08/12

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Task Name	% Complete	Duration	Start	Finish
⊟ **Requirements (Electric)**	**17%**	**77 days**	**Fri 27/07/12**	**Fri 09/11/12**
Initial meeting discussion to discuss requirements	100%	2 days	Fri 27/07/12	Mon 30/07/12
Develop draft project Requirements documents	100%	3 days	Tue 31/07/12	Thu 02/08/12
Project requirement review meeting	100%	2 days	Fri 03/08/12	Mon 06/08/12
Project Requirement revisions	100%	2 days	Tue 07/08/12	Wed 08/08/12
Sign off on project requirement	100%	1 day	Thu 09/08/12	Thu 09/08/12
⊟ **Project Statement of Work**	**0%**	**21 days**	**Fri 10/08/12**	**Fri 07/09/12**
Itron Compilation of SOW Document	0%	6 days	Fri 10/08/12	Fri 17/08/12
Delivery of Draft SOW Document	0%	6 days	Mon 20/08/12	Mon 27/08/12
Interval SOW Document Review Meeting	0%	3 days	Tue 28/08/12	Thu 30/08/12
Itron Inclusion of SOW Revisions	0%	3 days	Fri 31/08/12	Tue 04/09/12
Liberty Acceptance of SOW Revisions	0%	3 days	Wed 05/09/12	Fri 07/09/12
⊟ **Business Case**	**0%**	**18 days**	**Mon 10/09/12**	**Wed 03/10/12**
Business Case Creation	0%	6 days	Mon 10/09/12	Mon 17/09/12
Business Case review	0%	3 days	Tue 18/09/12	Thu 20/09/12
Business case updates	0%	4 days	Fri 21/09/12	Wed 26/09/12
Business case sign off	0%	5 days	Thu 27/09/12	Wed 03/10/12
⊟ **Electric - Integration Requirements**	**0%**	**11 days**	**Fri 26/10/12**	**Fri 09/11/12**
Create Cogsdale data interface requirements	0%	3 days	Fri 26/10/12	Tue 30/10/12
Review Integration requirements with Business	0%	4 days	Wed 31/10/12	Mon 05/11/12
Create data interface requirements with MV90	0%	2 days	Tue 06/11/12	Wed 07/11/12
Review Integration requirements with Business	0%	2 days	Thu 08/11/12	Fri 09/11/12
⊟ **Design & Configuration (Electric)**	**0%**	**87 days**	**Tue 06/11/12**	**Thu 28/02/13**
⊟ **Build Integration**	**0%**	**29 days**	**Tue 06/11/12**	**Wed 12/12/12**
Build Integration with Cogsdale	0%	20 days	Tue 06/11/12	Fri 30/11/12
Test Integration with Cogsdale - Unit Test	0%	5 days	Mon 03/12/12	Fri 07/12/12
Build Integration with MV90	0%	20 days	Mon 12/11/12	Thu 06/12/12
Test integration with MV90 - Unit Test	0%	5 days	Fri 07/12/12	Wed 12/12/12
⊟ **Set up**	**0%**	**20 days**	**Fri 01/02/13**	**Thu 28/02/13**
Install FCS on client computer	0%	1 day	Fri 01/02/13	Fri 01/02/13
Install software for FCS handhelds	0%	1 day	Mon 04/02/13	Mon 04/02/13
Configure Handhelds	0%	1 day	Tue 05/02/13	Tue 05/02/13
Configure FCS application	0%	2 days	Wed 06/02/13	Thu 07/02/13
Set up ODBC connection	0%	1 day	Fri 08/02/13	Fri 08/02/13
Customizing materials to fit with Liberty East	0%	2 days	Mon 11/02/13	Tue 12/02/13
⊟ **Validation of set up**	**0%**	**6 days**	**Mon 11/02/13**	**Mon 18/02/13**
Validate remote read meters using all the different communication methods	0%	2 days	Mon 11/02/13	Tue 12/02/13
Validate meter probe	0%	2 days	Wed 13/02/13	Thu 14/02/13
Validate upload and download of data	0%	2 days	Fri 15/02/13	Mon 18/02/13
⊟ **Training**	**0%**	**8 days**	**Tue 19/02/13**	**Thu 28/02/13**
Train meter readers on using handhelds	0%	2 days	Tue 19/02/13	Wed 20/02/13
Train meter reader leads on daily operation for meter reader (train the trainer)	0%	2 days	Thu 21/02/13	Fri 22/02/13
Train meter data specialist on daily operation of FCS Desktop	0%	2 days	Mon 25/02/13	Tue 26/02/13
Train Administrator on daily operations of or FCS Server	0%	2 days	Wed 27/02/13	Thu 28/02/13
⊟ **Quality Assurance (Electric)**	**0%**	**335 days?**	**Tue 14/08/12**	**Fri 15/11/13**
⊟ **Test Strategy**	**0%**	**30 days**	**Mon 10/09/12**	**Thu 18/10/12**
Define Test strategy	0%	6 days	Mon 10/09/12	Tue 25/09/12
Review Test Strategy	0%	3 days	Wed 26/09/12	Fri 28/09/12
Sign off on Test Strategy	0%	0 days	Fri 28/09/12	Fri 28/09/12
Set up Test Management tool	0%	5 days	Mon 01/10/12	Fri 05/10/12
Devlop Testing/ Scenario Scripts	0%	10 days	Mon 08/10/12	Thu 18/10/12
⊟ **Set up Test Environment**	**0%**	**7 days**	**Fri 19/10/12**	**Mon 29/10/12**
IT set up hardware and application	0%	2 days	Fri 19/10/12	Mon 22/10/12
Enter Configuration CIS and metering software	0%	2 days	Tue 23/10/12	Wed 24/10/12
Add users and appropriate security	0%	1 day	Thu 25/10/12	Thu 25/10/12
Set up other test envirnoments ex Bill Print (TBD)	0%	2 days	Fri 26/10/12	Mon 29/10/12
⊟ **System Integration Testing**	**0%**	**141 days**	**Fri 01/03/13**	**Thu 12/09/13**
⊟ **Test Plan**	**0%**	**23 days**	**Fri 01/03/13**	**Tue 02/04/13**
Define Test Scope	0%	10 days	Fri 01/03/13	Thu 14/03/13
Develop Testing/Scenario Scripts	0%	10 days	Fri 15/03/13	Thu 28/03/13
Set up Test Management tool	0%	3 days	Fri 29/03/13	Tue 02/04/13
Sign off on Test Plan	0%	0 days	Tue 02/04/13	Tue 02/04/13
⊟ **Test Environment**	**0%**	**8 days**	**Wed 03/04/13**	**Fri 12/04/13**
Test Environment Prep	0%	5 days	Wed 03/04/13	Tue 09/04/13
Hand off from conversion team - conversion delivery	0%	3 days	Wed 10/04/13	Fri 12/04/13
⊟ **Test Execution**	**0%**	**110 days**	**Mon 15/04/13**	**Thu 12/09/13**
Set up data (use converted data)	0%	20 days	Mon 15/04/13	Fri 10/05/13
Execute Tests(include business process testing)	0%	90 days	Mon 13/05/13	Thu 12/09/13
Test Execution Reporting	0%	90 days	Mon 13/05/13	Thu 12/09/13

Task Name	% Complete	Duration	Start	Finish
⊟ User Acceptance Testing	0%	46 days	Fri 13/09/13	Fri 15/11/13
Identify user group	0%	3 days	Fri 13/09/13	Tue 17/09/13
⊟ Test Plan	0%	14 days	Fri 13/09/13	Wed 02/10/13
Define Test Scope	0%	8 days	Fri 13/09/13	Tue 24/09/13
Develop Testing/ Scenario Scripts	0%	4 days	Wed 25/09/13	Mon 30/09/13
Set up Test Management tool	0%	1 day	Tue 01/10/13	Tue 01/10/13
Sign off on Test Plan	0%	0 days	Tue 01/10/13	Tue 01/10/13
Test Environment Prep	0%	1 day	Wed 02/10/13	Wed 02/10/13
⊟ Test Execution	0%	32 days	Thu 03/10/13	Fri 15/11/13
Set up data (use converted data)	0%	8 days	Thu 03/10/13	Mon 14/10/13
Execute Tests(include business process testing)	0%	20 days	Tue 15/10/13	Mon 11/11/13
Test Execution Reporting	0%	20 days	Tue 15/10/13	Mon 11/11/13
User Acceptance sign off	0%	4 days	Tue 12/11/13	Fri 15/11/13
⊟ Defect Management	0%	328 days?	Tue 14/08/12	Wed 06/11/13
Log Defects	0%	322 days?	Tue 14/08/12	Tue 29/10/13
Assign Defects to approriate parties	0%	322 days?	Tue 14/08/12	Tue 29/10/13
Test Defect fixes	0%	322 days?	Tue 14/08/12	Tue 29/10/13
Document open issues and workaronds	0%	322 days?	Tue 14/08/12	Tue 29/10/13
Sign off on open issues - Going into prod	0%	322 days?	Wed 22/08/12	Wed 06/11/13
⊟ Implementation (Electric)	0%	42 days	Tue 01/10/13	Wed 27/11/13
⊟ Cutover Activity	0%	12 days	Tue 01/10/13	Wed 16/10/13
Cutover planning kick off meeting	0%	2 days	Tue 01/10/13	Wed 02/10/13
Build cutover listing	0%	4 days	Thu 03/10/13	Tue 08/10/13
Review and revise cutover listing	0%	4 days	Wed 09/10/13	Mon 14/10/13
Create cutover schedule	0%	2 days	Tue 15/10/13	Wed 16/10/13
⊟ Cutover	0%	30 days	Thu 17/10/13	Wed 27/11/13
Execute Cutover activities	0%	20 days	Thu 17/10/13	Wed 13/11/13
Connect the Itron FCS system Prod to the CIS Cogsdale production	0%	4 days	Mon 18/11/13	Thu 21/11/13
Legacy Environment Shut Down	0%	4 days	Fri 22/11/13	Wed 27/11/13
⊟ Post Implementation (Electric)	0%	16 days	Thu 28/11/13	Tue 17/12/13
Monitor and report on the new system	0%	10 days	Thu 28/11/13	Mon 09/12/13
Follow up with the Itron technical team to ensure that the system is running as expected	0%	2 days	Tue 10/12/13	Wed 11/12/13
Ensure the Transition Service Agreement with National Grid is terminated	0%	4 days	Thu 12/12/13	Tue 17/12/13
⊟ Interval Meter Reading Implementation (Itron MV90)	2%	398 days?	Mon 25/06/12	Fri 20/12/13
⊟ Gas	3%	287 days?	Mon 25/06/12	Mon 22/07/13
⊟ Project Initiation (Gas)	93%	14 days	Mon 25/06/12	Thu 12/07/12
Assemble project team	100%	6 days	Mon 25/06/12	Mon 02/07/12
Define roles and responsiblities	100%	2 days	Tue 03/07/12	Wed 04/07/12
Review roles and responbilities with team members	100%	3 days	Thu 05/07/12	Mon 09/07/12
Kick Off Meeting	100%	1 day	Tue 10/07/12	Tue 10/07/12
Review Strategy Document	50%	2 days	Wed 11/07/12	Thu 12/07/12
⊟ Project Discovery (Gas)	29%	46 days	Fri 13/07/12	Fri 14/09/12
Current Hardware discussions	100%	2 days	Fri 13/07/12	Mon 16/07/12
Business Process mapping	100%	2 days	Tue 17/07/12	Wed 18/07/12
Draft Discovery documents with network diagram	100%	2 days	Thu 19/07/12	Fri 20/07/12
Review documents and Diagram	100%	2 days	Mon 23/07/12	Tue 24/07/12
Perform changes to discovery document	100%	2 days	Wed 25/07/12	Thu 26/07/12
Sign off on Discovery diagram	100%	1 day	Fri 27/07/12	Fri 27/07/12
Test communication with the METRETEK meters using MV90 Test	10%	25 days	Mon 30/07/12	Fri 31/08/12
METRETEK communication Report	0%	5 days	Mon 03/09/12	Fri 07/09/12
Next Steps Document and Strategy	0%	5 days	Mon 10/09/12	Fri 14/09/12
⊟ Requirements (Gas)	12%	60 days	Fri 13/07/12	Thu 04/10/12
Initial meeting discussion to discuss requirements	100%	2 days	Fri 13/07/12	Mon 16/07/12
Develop draft project Requirements documents	100%	3 days	Tue 17/07/12	Thu 19/07/12
Project requirement review meeting	100%	2 days	Fri 20/07/12	Mon 23/07/12
Project Requirement revisions	100%	2 days	Tue 24/07/12	Wed 25/07/12
Sign off on project requirement	100%	1 day	Thu 26/07/12	Thu 26/07/12
⊟ Project Statement of Work	0%	21 days	Fri 27/07/12	Fri 24/08/12
Itron Compilation of SOW Document	0%	6 days	Fri 27/07/12	Fri 03/08/12
Delivery of Draft SOW Document	0%	6 days	Mon 06/08/12	Mon 13/08/12
Interval SOW Document Review Meeting	0%	3 days	Tue 14/08/12	Thu 16/08/12
Itron Inclusion of SOW Revisions	0%	3 days	Fri 17/08/12	Tue 21/08/12
Liberty Acceptance of SOW Revisions	0%	3 days	Wed 22/08/12	Fri 24/08/12
⊟ Business Case	0%	18 days	Mon 27/08/12	Wed 19/09/12
Business Case Creation	0%	6 days	Mon 27/08/12	Mon 03/09/12
Business Case review	0%	3 days	Tue 04/09/12	Thu 06/09/12
Business case updates	0%	4 days	Fri 07/09/12	Wed 12/09/12
Business case sign off	0%	5 days	Thu 13/09/12	Wed 19/09/12
⊟ Integration Requirements	0%	11 days	Thu 20/09/12	Thu 04/10/12
Create Cogsdale data interface requirements	0%	3 days	Thu 20/09/12	Mon 24/09/12
Review Integration requirements with Business	0%	4 days	Tue 25/09/12	Fri 28/09/12
Create data interface requirements with Gas Star	0%	2 days	Mon 01/10/12	Tue 02/10/12
Review Integration requirements with Business	0%	2 days	Wed 03/10/12	Thu 04/10/12

Task Name	% Complete	Duration	Start	Finish
☐ IT infrastructure and Analysis	0%	21 days	Mon 27/08/12	Mon 24/09/12
Create Purchase Order for Itron Software	0%	3 days	Thu 20/09/12	Mon 24/09/12
Define data interface (MDEF, LOTUS, MV9 etc)- Billing determinants	0%	4 days	Mon 27/08/12	Thu 30/08/12
Finalise and acquire Database license	0%	2 days	Fri 31/08/12	Mon 03/09/12
Finalise areas of responsibilities	0%	2 days	Tue 04/09/12	Wed 05/09/12
Review hardware and database requirements	0%	2 days	Thu 06/09/12	Fri 07/09/12
Purchase Hardware (Computers and other peripherals)	0%	6 days	Mon 10/09/12	Mon 17/09/12
Provide training material on handhelds, desktop and server	0%	1 day	Tue 18/09/12	Tue 18/09/12
Create parallel testing plan in conjunction with Itron	0%	4 days	Wed 19/09/12	Mon 24/09/12
☐ Design & Configuration (Gas)	0%	45.2 days	Mon 01/10/12	Thu 29/11/12
☐ Hardware and Software installation	0%	15.2 days	Mon 01/10/12	Fri 19/10/12
Install Database\Application server	0%	3 days	Mon 01/10/12	Fri 05/10/12
Install communication server	0%	4 days	Fri 05/10/12	Thu 11/10/12
Install MV90 xi on the workstation server	0%	2 days	Thu 11/10/12	Sat 13/10/12
Install TAF server	0%	1 day	Sat 13/10/12	Mon 15/10/12
Install MV90 on the Workstation and COMM severs	0%	2 days	Mon 15/10/12	Wed 17/10/12
Configuration of Databases and Servers	0%	2 days	Wed 17/10/12	Fri 19/10/12
☐ Build Integration	0%	29 days	Mon 01/10/12	Wed 07/11/12
Build Integration with Cogsdale	0%	20 days	Mon 01/10/12	Thu 25/10/12
Test Integration with Cogsdale	0%	5 days	Fri 26/10/12	Thu 01/11/12
Build Integration with Gas Star	0%	20 days	Fri 05/10/12	Wed 31/10/12
Test integration with Gas Star	0%	5 days	Thu 01/11/12	Wed 07/11/12
☐ Gas Set up	0%	30 days	Fri 19/10/12	Thu 29/11/12
Install MV-90 on client computer	0%	1 day	Fri 19/10/12	Mon 22/10/12
Install TIM files - Gas	0%	1 day	Mon 22/10/12	Tue 23/10/12
Ethernet Port Server setup	0%	1 day	Tue 23/10/12	Wed 24/10/12
Set up modems	0%	1 day	Wed 24/10/12	Thu 25/10/12
Set up ODBC connection	0%	1 day	Thu 25/10/12	Fri 26/10/12
MV90 xi 3.0 installation on XiCOM	0%	1 day	Fri 26/10/12	Mon 29/10/12
MV90 xi 3.0 installation on client WS	0%	1 day	Mon 29/10/12	Tue 30/10/12
☐ Data Conversion	0%	13 days	Tue 30/10/12	Fri 16/11/12
Initial meeting to discuss scope and time with Itron	0%	1 day	Tue 30/10/12	Wed 31/10/12
Data conversion strategy draft	0%	2 days	Wed 31/10/12	Fri 02/11/12
Review meeting of Strategy documents	0%	2 days	Fri 02/11/12	Tue 06/11/12
Document update as per review meeting	0%	2 days	Tue 06/11/12	Thu 08/11/12
Sign off on strategy documents	0%	2 days	Thu 08/11/12	Mon 12/11/12
Perform Data conversion (Master Files and Data) as per strategy	0%	4 days	Mon 12/11/12	Fri 16/11/12
☐ Validation of set up	0%	6 days	Fri 16/11/12	Fri 23/11/12
Validate remote read meters using all the different communication methods	0%	2 days	Fri 16/11/12	Mon 19/11/12
Validate meter probe	0%	2 days	Mon 19/11/12	Wed 21/11/12
Validate upload and download of data	0%	2 days	Wed 21/11/12	Fri 23/11/12
☐ Training	0%	4 days	Fri 23/11/12	Thu 29/11/12
Train meter data specialist on daily operation of MV-90xi Desktop (train the trainer)	0%	2 days	Fri 23/11/12	Tue 27/11/12
Train Administrator on daily operations of MV-90x Comm Server	0%	2 days	Tue 27/11/12	Thu 29/11/12
☐ Quality Assurance (Gas)	0%	221 days?	Wed 22/08/12	Wed 19/06/13
☐ Test Strategy	0%	32 days	Wed 22/08/12	Thu 04/10/12
Define Test strategy	0%	6 days	Wed 22/08/12	Thu 06/09/12
Review Test Strategy	0%	5 days	Fri 07/09/12	Thu 13/09/12
Sign off on Test Strategy	0%	0 days	Thu 13/09/12	Thu 13/09/12
Set up Test Management tool	0%	5 days	Fri 14/09/12	Thu 20/09/12
Devlop Testing/ Scenario Scripts	0%	10 days	Fri 21/09/12	Thu 04/10/12
☐ Set up Test Environment	0%	37 days	Fri 05/10/12	Thu 22/11/12
IT set up hardware and application	0%	2 days	Fri 05/10/12	Mon 08/10/12
Enter Configuration CIS and metering software	0%	2 days	Tue 09/10/12	Wed 10/10/12
Add users and appropriate security	0%	1 day	Thu 11/10/12	Thu 11/10/12
Set up other test envirnoments ex Bill Print (TBD)	0%	2 days	Fri 12/10/12	Sat 13/10/12
Perform Standalone system testing (interrogation, estimation etc)	0%	30 days	Mon 15/10/12	Thu 22/11/12
☐ System Integration Testing	0%	158 days	Mon 15/10/12	Thu 16/05/13
☐ Test Plan	0%	23 days	Mon 15/10/12	Wed 14/11/12
Define Test Scope	0%	10 days	Mon 15/10/12	Fri 26/10/12
Develop Testing/Scenario Scripts	0%	10 days	Mon 29/10/12	Fri 09/11/12
Set up Test Management tool	0%	3 days	Mon 12/11/12	Wed 14/11/12
Sign off on Test Plan	0%	0 days	Wed 14/11/12	Wed 14/11/12
☐ Test Environment	0%	8 days	Fri 23/11/12	Tue 04/12/12
Test Environment Prep	0%	5 days	Fri 23/11/12	Thu 29/11/12
Hand off from conversion team - conversion delivery	0%	3 days	Fri 30/11/12	Tue 04/12/12
☐ Test Execution	0%	120 days	Wed 05/12/12	Thu 16/05/13
Set up data (use converted data)	0%	20 days	Wed 05/12/12	Sat 29/12/12
Execute Tests(include business process testing)	0%	30 days	Sun 30/12/12	Thu 07/02/13
Test Execution Reporting	0%	30 days	Sun 30/12/12	Thu 07/02/13
Set up data (use converted data)	0%	10 days	Fri 08/02/13	Thu 21/02/13
Execute Tests(include business process testing)	0%	60 days	Fri 22/02/13	Thu 16/05/13
Test Execution Reporting	0%	60 days	Fri 22/02/13	Thu 16/05/13

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Task Name	% Complete	Duration	Start	Finish
⊟ User Acceptance Testing	0%	92 days	Fri 08/02/13	Mon 17/06/13
Identify user group	0%	3 days	Fri 08/02/13	Tue 12/02/13
⊟ Test Plan	0%	14 days	Wed 17/04/13	Mon 06/05/13
Define Test Scope	0%	8 days	Wed 17/04/13	Fri 26/04/13
Develop Testing/ Scenario Scripts	0%	4 days	Mon 29/04/13	Thu 02/05/13
Set up Test Management tool	0%	1 day	Fri 03/05/13	Fri 03/05/13
Sign off on Test Plan	0%	0 days	Fri 03/05/13	Fri 03/05/13
Test Environment Prep	0%	1 day	Mon 06/05/13	Mon 06/05/13
⊟ Test Execution	0%	30 days	Tue 07/05/13	Mon 17/06/13
Set up data (use converted data)	0%	4 days	Tue 07/05/13	Fri 10/05/13
Execute Tests(include business process testing)	0%	20 days	Fri 17/05/13	Thu 13/06/13
Test Execution Reporting	0%	20 days	Fri 17/05/13	Thu 13/06/13
User Acceptance sign off	0%	2 days	Fri 14/06/13	Mon 17/06/13
⊟ Defect Management	0%	184.8 days?	Thu 11/10/12	Wed 19/06/13
Log Defects	0%	184.8 days?	Thu 11/10/12	Wed 19/06/13
Assign Defects to approriate parties	0%	184.8 days?	Thu 11/10/12	Wed 19/06/13
Test Defect fixes	0%	184.8 days?	Thu 11/10/12	Wed 19/06/13
Document open issues and workaronds	0%	184.8 days?	Thu 11/10/12	Wed 19/06/13
⊟ Implementation (Gas)	0%	54 days?	Wed 01/05/13	Fri 12/07/13
⊟ Cutover Planning	0%	12 days	Wed 01/05/13	Thu 16/05/13
Cutover planning kick off meeting	0%	2 days	Wed 01/05/13	Thu 02/05/13
Build cutover listing	0%	4 days	Fri 03/05/13	Wed 08/05/13
Review and revise cutover listing	0%	4 days	Thu 09/05/13	Tue 14/05/13
Create cutover schedule	0%	2 days	Wed 15/05/13	Thu 16/05/13
⊟ Cutover - Go Live	0%	21 days?	Mon 17/06/13	Fri 12/07/13
Legacy environment shutdown	0%	1 day?	Mon 17/06/13	Mon 17/06/13
Execute Cutover activities	0%	20 days	Tue 18/06/13	Fri 12/07/13
Perform final data conversion	0%	7 days	Tue 18/06/13	Wed 26/06/13
Connect the Itron MV90 system Prod to the CIS Cogsdale production	0%	3 days	Thu 27/06/13	Sun 30/06/13
Go Live	0%	0 days	Sun 30/06/13	Sun 30/06/13
⊟ Post Implementation (Gas)	0%	16 days	Mon 01/07/13	Mon 22/07/13
Monitor and report on the new system	0%	10 days	Mon 01/07/13	Fri 12/07/13
Follow up with the Itron technical team to ensure that the system is running as expected	0%	2 days	Mon 15/07/13	Tue 16/07/13
Ensure the Transition Service Agreement with National Grid is terminated	0%	4 days	Wed 17/07/13	Mon 22/07/13
⊟ Electric	2%	393 days?	Mon 02/07/12	Fri 20/12/13
⊟ Project Initiation (Electric)	90%	10 days	Mon 02/07/12	Fri 13/07/12
Assemble project team	100%	2 days	Mon 02/07/12	Tue 03/07/12
Define roles and responsiblities	100%	2 days	Wed 04/07/12	Thu 05/07/12
Review roles and responbilities with team members	100%	3 days	Fri 06/07/12	Tue 10/07/12
Kick Off Meeting	100%	1 day	Wed 11/07/12	Wed 11/07/12
Review Strategy Document	50%	2 days	Thu 12/07/12	Fri 13/07/12
⊟ Project Discovery (Electric)	100%	11 days	Mon 16/07/12	Mon 30/07/12
Current Hardware Disccusions	100%	2 days	Mon 16/07/12	Tue 17/07/12
Business Process mapping	100%	2 days	Wed 18/07/12	Thu 19/07/12
Draft Discovery documents with network diagram	100%	2 days	Fri 20/07/12	Mon 23/07/12
Review documents and Diagram	100%	2 days	Tue 24/07/12	Wed 25/07/12
Perform changes to discovery document	100%	2 days	Thu 26/07/12	Fri 27/07/12
Sign off on Discovery diagram	100%	1 day	Mon 30/07/12	Mon 30/07/12
⊟ Requirements (Electric)	17%	78 days	Wed 18/07/12	Thu 01/11/12
Initial meeting discussion to discuss requirements	100%	2 days	Wed 18/07/12	Thu 19/07/12
Develop draft project Requirements documents	100%	3 days	Fri 20/07/12	Tue 24/07/12
Project requirement review meeting	100%	2 days	Wed 25/07/12	Thu 26/07/12
Project Requirement revisions	100%	2 days	Fri 27/07/12	Mon 30/07/12
Sign off on project requirement	100%	1 day	Tue 31/07/12	Tue 31/07/12
⊟ Project Statement of Work	0%	21 days	Mon 27/08/12	Mon 24/09/12
Itron Compilation of SOW Document	0%	6 days	Mon 27/08/12	Mon 03/09/12
Delivery of Draft SOW Document	0%	6 days	Tue 04/09/12	Tue 11/09/12
Interval SOW Document Review Meeting	0%	3 days	Wed 12/09/12	Fri 14/09/12
Itron Inclusion of SOW Revisions	0%	3 days	Mon 17/09/12	Wed 19/09/12
Liberty Acceptance of SOW Revisions	0%	3 days	Thu 20/09/12	Mon 24/09/12
⊟ Business Case	0%	18 days	Tue 25/09/12	Wed 17/10/12
Business Case Creation	0%	6 days	Tue 25/09/12	Tue 02/10/12
Business Case review	0%	3 days	Wed 03/10/12	Fri 05/10/12
Business case updates	0%	4 days	Mon 08/10/12	Thu 11/10/12
Business case sign off	0%	5 days	Fri 12/10/12	Wed 17/10/12
⊟ Integration Requirements	0%	11 days	Thu 18/10/12	Thu 01/11/12
Create Cogsdale data interface requirements	0%	3 days	Thu 18/10/12	Mon 22/10/12
Review Integration requirements with Business	0%	4 days	Tue 23/10/12	Fri 26/10/12
Create data interface requirements with Settlement System	0%	2 days	Mon 29/10/12	Tue 30/10/12
Review Integration requirements with Business	0%	2 days	Wed 31/10/12	Thu 01/11/12
⊟ Design & Configuration (Electric)	0%	97.2 days	Tue 25/09/12	Thu 31/01/13
⊟ Hardware and Software installation	0%	11.2 days	Tue 25/09/12	Wed 10/10/12
Purchase modems	0%	4 days	Tue 25/09/12	Tue 02/10/12
Update and configure comm server for Electric	0%	4 days	Tue 02/10/12	Mon 08/10/12
Update Configuration of Databases and Servers as required	0%	2 days	Mon 08/10/12	Wed 10/10/12

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Task Name	% Complete	Duration	Start	Finish
□ **Build Integration - Electric**	**0%**	**29 days**	**Mon 29/10/12**	**Wed 05/12/12**
Build Integration with Cogsdale	0%	20 days	Mon 29/10/12	Thu 22/11/12
Test Integration with Cogsdale	0%	5 days	Fri 23/11/12	Thu 29/11/12
Build Integration with Settlement System	0%	20 days	Fri 02/11/12	Wed 28/11/12
Test integration with Settlement System	0%	5 days	Thu 29/11/12	Wed 05/12/12
□ **Electric Set up**	**0%**	**48 days**	**Thu 29/11/12**	**Thu 31/01/13**
Install MV-90 on client computer	0%	1 day	Thu 29/11/12	Fri 30/11/12
Install TIM files - Gas	0%	1 day	Fri 30/11/12	Mon 03/12/12
Ethernet Port Server setup	0%	1 day	Mon 03/12/12	Tue 04/12/12
Set up modems	0%	1 day	Tue 04/12/12	Wed 05/12/12
Set up ODBC connection	0%	1 day	Wed 05/12/12	Thu 06/12/12
MV90 xi 3.0 installation on XiCOM	0%	1 day	Thu 06/12/12	Fri 07/12/12
MV90 xi 3.0 installation on client WS	0%	1 day	Fri 07/12/12	Sat 08/12/12
□ **Data Conversion**	**0%**	**31 days**	**Sat 08/12/12**	**Thu 17/01/13**
Initial meeting to discuss scope and time with Itron	0%	3 days	Sat 08/12/12	Wed 12/12/12
Data conversion strategy draft	0%	2 days	Wed 12/12/12	Fri 14/12/12
Review meeting of Strategy documents	0%	2 days	Fri 14/12/12	Tue 18/12/12
Document update as per review meeting	0%	2 days	Tue 18/12/12	Thu 20/12/12
Sign off on strategy documents	0%	2 days	Thu 20/12/12	Mon 24/12/12
Perform Data conversion (Master Files and Data) as per strategy	0%	20 days	Mon 24/12/12	Thu 17/01/13
□ **Validation of set up**	**0%**	**6 days**	**Thu 17/01/13**	**Fri 25/01/13**
Validate remote read meters using all the different communication methods	0%	2 days	Thu 17/01/13	Mon 21/01/13
Validate meter probe	0%	2 days	Mon 21/01/13	Wed 23/01/13
Validate upload and download of data	0%	2 days	Wed 23/01/13	Fri 25/01/13
□ **Training**	**0%**	**4 days**	**Fri 25/01/13**	**Thu 31/01/13**
Train meter data specialist on daily operation of MV-90xi Desktop (train the trainer)	0%	2 days	Fri 25/01/13	Tue 29/01/13
Train Administrator on daily operations of MV-90x Comm Server	0%	2 days	Tue 29/01/13	Thu 31/01/13
□ **Quality Assurance (Electric)**	**0%**	**321.2 days?**	**Mon 03/09/12**	**Mon 18/11/13**
□ **Set up Test Environment**	**0%**	**37 days**	**Mon 07/01/13**	**Tue 26/02/13**
IT set up hardware and application	0%	2 days	Mon 07/01/13	Tue 08/01/13
Enter Configuration CIS and metering software	0%	2 days	Wed 09/01/13	Thu 10/01/13
Add users and appropriate security	0%	1 day	Fri 11/01/13	Fri 11/01/13
Set up other test envirnoments ex Bill Print (TBD)	0%	2 days	Mon 14/01/13	Tue 15/01/13
Perform Standalone system testing (interrogation, estimation etc)	0%	30 days	Wed 16/01/13	Tue 26/02/13
□ **System Integration Testing**	**0%**	**151 days**	**Thu 31/01/13**	**Thu 29/08/13**
□ **Test Plan**	**0%**	**23 days**	**Thu 31/01/13**	**Tue 05/03/13**
Define Test Scope	0%	10 days	Thu 31/01/13	Thu 14/02/13
Develop Testing/Scenario Scripts	0%	10 days	Thu 14/02/13	Thu 28/02/13
Set up Test Management tool	0%	3 days	Thu 28/02/13	Tue 05/03/13
Sign off on Test Plan	0%	0 days	Tue 05/03/13	Tue 05/03/13
□ **Test Environment**	**0%**	**8 days**	**Tue 05/03/13**	**Fri 15/03/13**
Test Environment Prep	0%	5 days	Tue 05/03/13	Tue 12/03/13
Hand off from conversion team - conversion delivery	0%	3 days	Tue 12/03/13	Fri 15/03/13
□ **Test Execution**	**0%**	**120 days**	**Fri 15/03/13**	**Thu 29/08/13**
Set up data (use converted data)	0%	20 days	Fri 15/03/13	Fri 12/04/13
Execute Tests(include business process testing)	0%	30 days	Fri 12/04/13	Fri 24/05/13
Test Execution Reporting	0%	30 days	Fri 12/04/13	Fri 24/05/13
Set up data (use converted data)	0%	20 days	Fri 24/05/13	Fri 21/06/13
Execute Tests(include business process testing)	0%	50 days	Fri 21/06/13	Thu 29/08/13
Test Execution Reporting	0%	50 days	Fri 21/06/13	Thu 29/08/13
□ **User Acceptance Testing**	**0%**	**321.2 days**	**Mon 03/09/12**	**Mon 18/11/13**
Identify user group	0%	3 days	Mon 03/09/12	Wed 05/09/12
□ **Test Plan**	**0%**	**22 days**	**Thu 29/08/13**	**Mon 30/09/13**
Define Test Scope	0%	10 days	Thu 29/08/13	Thu 12/09/13
Develop Testing/ Scenario Scripts	0%	10 days	Thu 12/09/13	Thu 26/09/13
Set up Test Management tool	0%	1 day	Thu 26/09/13	Fri 27/09/13
Sign off on Test Plan	0%	0 days	Fri 27/09/13	Fri 27/09/13
Test Environment Prep	0%	1 day	Fri 27/09/13	Mon 30/09/13
□ **Test Execution**	**0%**	**35 days**	**Mon 30/09/13**	**Mon 18/11/13**
Set up data (use converted data)	0%	8 days	Mon 30/09/13	Thu 10/10/13
Execute Tests(include business process testing)	0%	20 days	Thu 10/10/13	Thu 07/11/13
Test Execution Reporting	0%	20 days	Thu 10/10/13	Thu 07/11/13
User Acceptance sign off	0%	7 days	Thu 07/11/13	Mon 18/11/13
□ **Defect Management**	**0%**	**270.2 days?**	**Wed 12/09/12**	**Tue 17/09/13**
Log Defects	0%	270.2 days?	Wed 12/09/12	Tue 17/09/13
Assign Defects to approriate parties	0%	270.2 days?	Wed 12/09/12	Tue 17/09/13
Test Defect fixes	0%	270.2 days?	Wed 12/09/12	Tue 17/09/13
Document open issues and workaronds	0%	270.2 days?	Wed 12/09/12	Tue 17/09/13

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Task Name	% Complete	Duration	Start	Finish
⊟ Implementation (Electric)	0%	49 days	Tue 01/10/13	Wed 04/12/13
⊟ Cutover Planning	0%	12 days	Tue 01/10/13	Wed 16/10/13
Cutover planning kick off meeting	0%	2 days	Tue 01/10/13	Wed 02/10/13
Build cutover listing	0%	4 days	Thu 03/10/13	Tue 08/10/13
Review and revise cutover listing	0%	4 days	Wed 09/10/13	Mon 14/10/13
Create cutover schedule	0%	2 days	Tue 15/10/13	Wed 16/10/13
⊟ Cutover	0%	20 days	Mon 11/11/13	Wed 04/12/13
Legacy Environment Shut Down	0%	1 day	Fri 29/11/13	Fri 29/11/13
Execute Cutover activities	0%	20 days	Mon 11/11/13	Wed 04/12/13
Perform final data conversion	0%	5 days	Mon 18/11/13	Mon 25/11/13
Connect the Itron MV90 system Prod to the CIS Cogsdale production	0%	3 days	Fri 29/11/13	Sun 01/12/13
Go Live	**0%**	**0 days**	**Sun 01/12/13**	**Sun 01/12/13**
⊟ Post Implementation (Electric)	0%	16 days	Sun 01/12/13	Fri 20/12/13
Monitor and report on the new system	0%	10 days	Sun 01/12/13	Thu 12/12/13
Follow up with the Itron technical team to ensure that the system is running as expected	0%	2 days	Fri 13/12/13	Mon 16/12/13
Ensure the Transition Service Agreement with National Grid is terminated	0%	4 days	Tue 17/12/13	Fri 20/12/13
⊟ **Gas Sales & Energy Efficiency**	0%	333 days?	Wed 20/06/12	Thu 19/09/13
⊟ Discovery	100%	1 day?	Wed 20/06/12	Wed 20/06/12
GAS Sales & Customer Leads	100%	1 day?	Wed 20/06/12	Wed 20/06/12
Energy Efficiency (GAS and Electric)	100%	1 day?	Wed 20/06/12	Wed 20/06/12
Electric Customer Management	100%	1 day?	Wed 20/06/12	Wed 20/06/12
⊟ Requirements	0%	62 days?	Mon 27/08/12	Sat 17/11/12
⊟ GAS Sales & Customer Leads	0%	21 days	Mon 27/08/12	Mon 24/09/12
Identify Application Requirements	0%	5 days	Mon 27/08/12	Fri 31/08/12
Identify Reporting Requirements	0%	5 days	Tue 04/09/12	Mon 10/09/12
Document Requirements	0%	5 days	Tue 11/09/12	Mon 17/09/12
Sign Off Requirements	0%	1 day	Mon 24/09/12	Mon 24/09/12
⊟ Energy Efficiency (GAS and Electric)	0%	11 days	Mon 17/09/12	Mon 01/10/12
Identify Application Requirements	0%	5 days	Mon 17/09/12	Fri 21/09/12
Identify Reporting Requirements	0%	5 days	Mon 17/09/12	Fri 21/09/12
Document Requirements	0%	5 days	Mon 24/09/12	Fri 28/09/12
Sign Off Requirements	0%	1 day	Mon 01/10/12	Mon 01/10/12
⊟ Electric Customer Management	0%	6 days	Mon 24/09/12	Mon 01/10/12
Identify Application Requirements	0%	2 days	Mon 24/09/12	Tue 25/09/12
Identify Reporting Requirements	0%	2 days	Mon 24/09/12	Tue 25/09/12
Document Requirements	0%	3 days	Wed 26/09/12	Fri 28/09/12
Sign Off Requirements	0%	1 day	Mon 01/10/12	Mon 01/10/12
⊟ Define Solution Strategy	0%	35 days?	Wed 03/10/12	Sat 17/11/12
⊟ Vendor Evaluation and Selection	0%	20 days	Wed 03/10/12	Mon 29/10/12
GAS Sales & Customer Leads	0%	20 days	Wed 03/10/12	Mon 29/10/12
Energy Efficiency (GAS and Electric)	0%	20 days	Wed 03/10/12	Mon 29/10/12
Electric Customer Management	0%	20 days	Wed 03/10/12	Mon 29/10/12
Document Solution Strategy	0%	5 days	Mon 05/11/12	Fri 09/11/12
Review Solution Strategy	0%	5 days	Mon 12/11/12	Fri 16/11/12
Sign off Solution Strategy	0%	1 day?	Sat 17/11/12	Sat 17/11/12
Project Replan based on requirements and defined solution strategy	0%	0 days	Fri 23/11/12	Fri 23/11/12
⊟ Detail Requirement Sessions	0%	29 days	Mon 26/11/12	Mon 31/12/12
⊟ GAS Sales & Customer Leads	0%	15 days	Mon 26/11/12	Thu 13/12/12
Identify Application Requirements	0%	3 days	Mon 26/11/12	Wed 28/11/12
Identify Reporting Requirements	0%	3 days	Mon 26/11/12	Wed 28/11/12
Identify Data Conversion Requirements	0%	3 days	Mon 03/12/12	Wed 05/12/12
Identify Interface Requirements	0%	2 days	Thu 06/12/12	Fri 07/12/12
Document Requirements	0%	5 days	Sat 08/12/12	Thu 13/12/12
Sign Off Requirements	0%	0 days	Thu 13/12/12	Thu 13/12/12
⊟ Energy Efficiency (GAS and Electric)	0%	21 days	Mon 03/12/12	Fri 28/12/12
Identify Application Requirements	0%	5 days	Mon 03/12/12	Fri 07/12/12
Identify Reporting Requirements	0%	5 days	Mon 03/12/12	Fri 07/12/12
Identify Data Conversion Requirements	0%	5 days	Sat 08/12/12	Thu 13/12/12
Identify Interface Requirements	0%	5 days	Fri 14/12/12	Thu 20/12/12
Document Requirements	0%	5 days	Fri 21/12/12	Thu 27/12/12
Sign Off Requirements	0%	1 day	Fri 28/12/12	Fri 28/12/12
⊟ Electric Customer Management	0%	18 days	Mon 10/12/12	Mon 31/12/12
Identify Application Requirements	0%	2 days	Mon 10/12/12	Tue 11/12/12
Identify Reporting Requirements	0%	2 days	Mon 10/12/12	Tue 11/12/12
Identify Data Conversion Requirements	0%	5 days	Wed 12/12/12	Tue 18/12/12
Identify Interface Requirements	0%	5 days	Wed 19/12/12	Tue 25/12/12
Document Requirements	0%	5 days	Wed 26/12/12	Sun 30/12/12
Sign Off Requirements	0%	1 day	Mon 31/12/12	Mon 31/12/12
Project Replan based on detail requirements	0%	0 days	Mon 07/01/13	Mon 07/01/13
⊟ Design and Configure	0%	30 days	Mon 07/01/13	Fri 15/02/13
⊟ GAS Sales and Customer Leads	0%	30 days	Mon 07/01/13	Fri 15/02/13
Configuration	0%	25 days	Mon 14/01/13	Fri 15/02/13
Data Conversion	0%	25 days	Mon 07/01/13	Fri 08/02/13
Interfaces	0%	25 days	Mon 07/01/13	Fri 08/02/13
Reports	0%	25 days	Mon 07/01/13	Fri 08/02/13
Security	0%	25 days	Mon 07/01/13	Fri 08/02/13

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Task Name	% Complete	Duration	Start	Finish
⊟ Energy Efficiency (GAS and Electric)	0%	25 days	Mon 07/01/13	Fri 08/02/13
Configuration	0%	25 days	Mon 07/01/13	Fri 08/02/13
Data Conversion	0%	25 days	Mon 07/01/13	Fri 08/02/13
Interfaces	0%	25 days	Mon 07/01/13	Fri 08/02/13
Reports	0%	25 days	Mon 07/01/13	Fri 08/02/13
Security	0%	25 days	Mon 07/01/13	Fri 08/02/13
⊟ Electric Customer Management	0%	25 days	Mon 07/01/13	Fri 08/02/13
Configuration	0%	25 days	Mon 07/01/13	Fri 08/02/13
Data Conversion	0%	25 days	Mon 07/01/13	Fri 08/02/13
Interfaces	0%	25 days	Mon 07/01/13	Fri 08/02/13
Reports	0%	25 days	Mon 07/01/13	Fri 08/02/13
Security	0%	25 days	Mon 07/01/13	Fri 08/02/13
⊟ Quality Assurance	0%	91 days?	Mon 11/02/13	Mon 17/06/13
⊟ Training	0%	6 days	Mon 11/02/13	Mon 18/02/13
Organize Training Session	0%	1 day	Mon 11/02/13	Mon 11/02/13
Deliver Training to Project team	0%	5 days	Tue 12/02/13	Mon 18/02/13
⊟ Testing	0%	86 days?	Mon 18/02/13	Mon 17/06/13
⊟ Test Strategy	0%	7 days	Mon 18/02/13	Tue 26/02/13
Define Test Strategy	0%	1 day	Mon 18/02/13	Mon 18/02/13
Develop Test/Scenario Scripts Scrips	0%	5 days	Tue 19/02/13	Mon 25/02/13
Kick Off Testing Meeting	0%	1 day	Tue 26/02/13	Tue 26/02/13
⊟ Cycle 1	0%	14 days	Tue 19/02/13	Fri 08/03/13
⊟ Test Plan	0%	4 days	Tue 19/02/13	Fri 22/02/13
Define Test Scope	0%	2 days	Tue 19/02/13	Wed 20/02/13
Review Test scripts/Scenarios	0%	2 days	Thu 21/02/13	Fri 22/02/13
⊟ System Testing	0%	10 days	Mon 25/02/13	Fri 08/03/13
Execute Tests	0%	10 days	Mon 25/02/13	Fri 08/03/13
⊟ Cycle 2	0%	15 days	Mon 11/03/13	Fri 29/03/13
⊟ Environment	0%	1 day	Mon 11/03/13	Mon 11/03/13
Set up environment	0%	1 day	Mon 11/03/13	Mon 11/03/13
⊟ Test Plan	0%	4 days	Tue 12/03/13	Fri 15/03/13
Define Test Scope	0%	2 days	Tue 12/03/13	Wed 13/03/13
Review Test scripts/Scenarios	0%	2 days	Thu 14/03/13	Fri 15/03/13
⊟ System Integration Testing (end to end business scenario)	0%	10 days	Mon 18/03/13	Fri 29/03/13
Execute Tests	0%	10 days	Mon 18/03/13	Fri 29/03/13
⊟ User Acceptance Testing (UAT)	0%	54 days	Mon 01/04/13	Fri 14/06/13
⊟ Test Plan	0%	6 days	Mon 01/04/13	Mon 08/04/13
Identify User Group	0%	2 days	Mon 01/04/13	Tue 02/04/13
Define Test Scope	0%	2 days	Wed 03/04/13	Thu 04/04/13
Review Test scripts/Scenarios	0%	2 days	Fri 05/04/13	Mon 08/04/13
⊟ Technology	0%	4 days	Mon 01/04/13	Thu 04/04/13
Test Environment Preparation	0%	2 days	Mon 01/04/13	Tue 02/04/13
Security Access Verfified	0%	2 days	Wed 03/04/13	Thu 04/04/13
⊟ Test Execution	0%	18 days	Tue 21/05/13	Fri 14/06/13
Execute Tests	0%	15 days	Tue 21/05/13	Mon 10/06/13
UAT Sign Off	0%	0 days	Fri 14/06/13	Fri 14/06/13
⊟ Defect Management	0%	85 days?	Tue 19/02/13	Mon 17/06/13
Log Defects	0%	85 days	Tue 19/02/13	Mon 17/06/13
Assign defects to appropriate party	0%	85 days	Tue 19/02/13	Mon 17/06/13
Test Defect fix	0%	85 days	Tue 19/02/13	Mon 17/06/13
Defect reporting	0%	85 days	Tue 19/02/13	Mon 17/06/13
Document open issues and workarounds - going into PROD	0%	85 days	Tue 19/02/13	Mon 17/06/13
Review open issues and workarounds - going into PROD	0%	75 days?	Mon 04/03/13	Fri 14/06/13
Sign off open issues and workaround list	0%	0 days	Fri 14/06/13	Fri 14/06/13
⊟ Implementatation	0%	123 days	Wed 09/01/13	Sun 30/06/13
⊟ System Readiness	0%	85 days	Mon 04/03/13	Sun 30/06/13
⊟ Cutover Planning	0%	18 days	Mon 04/03/13	Wed 27/03/13
Cutover Kick Off Meeting	0%	1 day	Mon 04/03/13	Mon 04/03/13
Identify Cutover Activities	0%	10 days	Tue 05/03/13	Mon 18/03/13
Review & Revise Cutover Activities	0%	2 days	Tue 19/03/13	Wed 20/03/13
Develop Cutover Schedule	0%	5 days	Thu 21/03/13	Wed 27/03/13
⊟ Cutover	0%	15 days	Mon 10/06/13	Fri 28/06/13
Execute cutover activities	0%	12 days	Mon 10/06/13	Tue 25/06/13
Legacy Environment Shut Down	0%	1 day	Fri 28/06/13	Fri 28/06/13
GO LIVE	0%	0 days	Sun 30/06/13	Sun 30/06/13
⊟ Business Readiness	0%	123 days	Wed 09/01/13	Fri 28/06/13
⊟ Business Process Design	0%	69 days	Wed 09/01/13	Mon 15/04/13
Design and Document Processes and Business Rules	0%	64 days	Wed 09/01/13	Mon 08/04/13
Obtain Stakeholder Sign Off for Changes	0%	5 days	Tue 09/04/13	Mon 15/04/13

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Task Name	% Complete	Duration	Start	Finish
⊟ End User Communication	0%	50 days	Mon 22/04/13	Fri 28/06/13
Issue Communications re system overview, go live plan/schedule	0%	50 days	Mon 22/04/13	Fri 28/06/13
⊟ Go Live and Readiness Approval	0%	23 days	Tue 09/04/13	Thu 09/05/13
Develop Readiness Assessment Plan	0%	5 days	Tue 09/04/13	Mon 15/04/13
Present Final Readiness Assessment Plan	0%	2 days	Tue 16/04/13	Wed 17/04/13
Hold Readiness Meetings with Stakeholders	0%	1 day	Tue 16/04/13	Tue 16/04/13
Present Readiness Status for Go-No Go Decision	0%	1 day	Thu 09/05/13	Thu 09/05/13
⊟ Post Implementation	0%	115 days	Mon 15/04/13	Thu 19/09/13
⊟ Incident and Issue Management - Post Go Live	0%	115 days	Mon 15/04/13	Thu 19/09/13
Develop Issue Management Strategy	0%	5 days	Mon 15/04/13	Fri 19/04/13
Develop Pre/Post Go Live IT and Application Support Staff Requirements	0%	5 days	Mon 22/04/13	Fri 26/04/13
Implement Go live Staffing Plan	0%	60 days	Sun 30/06/13	Thu 19/09/13
Manage issues	0%	60 days	Sun 30/06/13	Thu 19/09/13
⊟ Discovery & Definition (Gastar)	88%	90 days	Tue 27/03/12	Wed 01/08/12
⊟ Project Initiation	100%	13 days	Tue 27/03/12	Thu 12/04/12
Project Kickoff Meeting	100%	1 day	Tue 27/03/12	Tue 27/03/12
Gastar Functional Overview	100%	2 days	Wed 04/04/12	Thu 05/04/12
Gastar Functional Overview Notes	100%	2 days	Wed 11/04/12	Thu 12/04/12
⊟ Workshops	87%	86 days	Mon 02/04/12	Wed 01/08/12
Existing NG Business Process and Data Flow Review	100%	2 days	Mon 02/04/12	Tue 03/04/12
Gastar Business Training Phase 1	100%	3 days	Mon 23/04/12	Wed 25/04/12
Business Process Harmonization Workshop	100%	3 days	Tue 08/05/12	Thu 10/05/12
Business Process Diagrams	80%	47 days	Mon 28/05/12	Wed 01/08/12
Gastar Training Phase 2	100%	5 days	Mon 25/06/12	Fri 29/06/12
Gastar Interfaces Workshop	100%	2 days	Thu 14/06/12	Fri 15/06/12
Gastar Interfaces Workshop Notes	100%	1 day	Mon 18/06/12	Mon 18/06/12
Accounting Workshop - Deals, Transportation Billing	100%	4 days	Mon 25/06/12	Thu 28/06/12
Broker Mgmt, City Gate	100%	5 days	Tue 03/07/12	Mon 09/07/12
⊟ Day 2 to N	5%	421 days	Tue 27/03/12	Wed 06/11/13
⊟ System Architecture	57%	37 days	Mon 18/06/12	Wed 08/08/12
System Architecture Kickoff Meeting	100%	1 day	Mon 18/06/12	Mon 18/06/12
System Architecture (1st Draft)	100%	3 days	Tue 19/06/12	Thu 21/06/12
System Architecture (1st Draft) Review & Comments	100%	3 days	Wed 20/06/12	Fri 22/06/12
System Architecture (2nd Draft)	100%	5 days	Thu 21/06/12	Wed 27/06/12
System Architecture (2nd Draft) Review & Comments	0%	3 days	Fri 27/07/12	Tue 31/07/12
System Architecture (Finalize)	0%	5 days	Wed 01/08/12	Tue 07/08/12
System Architecture Approval & Sign Off	0%	1 day	Wed 08/08/12	Wed 08/08/12
⊟ Data Migration/Conversion Plan	25%	111.5 days	Mon 02/04/12	Wed 05/09/12
Data Migration/Conversion Plan Kickoff Meeting	100%	2 days	Mon 02/04/12	Tue 03/04/12
Deliver Sample Data from NG BMS System	100%	2 days	Wed 02/05/12	Thu 03/05/12
Deliver Sample Data from NG CRIS System	100%	2 days	Tue 01/05/12	Wed 02/05/12
Deliver Sample Data from NG Meter System	100%	2 days	Tue 01/05/12	Wed 02/05/12
Weekly Data Migration Meetings (1 hour per week)	10%	26 days	Mon 23/07/12	Mon 27/08/12
Data Migration/Conversion Plan (1st Draft)	0%	2 days	Mon 27/08/12	Tue 28/08/12
Data Migration/Conversion Plan (1st Draft) Review & Comments	0%	3 days	Wed 29/08/12	Fri 31/08/12
Data Migration/Conversion Plan (Finalize)	0%	3 days	Sat 01/09/12	Tue 04/09/12
Data Migration/Conversion Plan Approval & Sign Off	0%	0.5 days	Wed 05/09/12	Wed 05/09/12
⊟ Data Interface Plan	14%	50.5 days	Wed 27/06/12	Wed 05/09/12
Data Interface Plan Kickoff Meeting	0%	2 days	Mon 23/07/12	Tue 24/07/12
Deliver Sample Data from NG BMS System	100%	2 days	Wed 27/06/12	Thu 28/06/12
Deliver Sample Data from NG CRIS System	100%	2 days	Wed 27/06/12	Thu 28/06/12
Deliver Sample Data from NG Meter System	100%	2 days	Wed 27/06/12	Thu 28/06/12
Weekly Data Interface Meetings (1 hour per week)	0%	26 days	Mon 23/07/12	Mon 27/08/12
Data Interface Plan (1st Draft)	0%	2 days	Mon 27/08/12	Tue 28/08/12
Data Interface Plan (1st Draft) Review & Comments	0%	3 days	Wed 29/08/12	Fri 31/08/12
Data Interface Plan (Finalize)	0%	3 days	Sat 01/09/12	Tue 04/09/12
Data Interface Plan Approval & Sign Off	0%	0.5 days	Wed 05/09/12	Wed 05/09/12
⊟ Testing Plan	0%	137.75 days	Tue 27/03/12	Fri 05/10/12
Testing Plan Kickoff Meeting	0%	0.75 days	Wed 05/09/12	Wed 05/09/12
Testing Plan (1st Draft)	0%	2.5 days	Wed 05/09/12	Mon 10/09/12
Testing Plan (1st Draft) Review & Comments	0%	1.5 days	Mon 10/09/12	Tue 11/09/12
Testing Plan (2nd Draft)	0%	5 days	Tue 11/09/12	Tue 18/09/12
Testing Plan (2nd Draft) Review & Comments	0%	3 days	Tue 18/09/12	Fri 21/09/12
Testing Plan (Finalize)	0%	10 days	Fri 21/09/12	Fri 05/10/12
Testing Plan Approval & Sign Off	0%	10 days	Tue 27/03/12	Mon 09/04/12

Task Name	% Complete	Duration	Start	Finish
– **Implementation Plan**	**0%**	**13 days**	**Thu 01/11/12**	**Mon 19/11/12**
Implementation Plan Kickoff Meeting	0%	1 day	Thu 01/11/12	Thu 01/11/12
Implementation Plan (1st Draft)	0%	5 days	Fri 02/11/12	Thu 08/11/12
Implementation Plan (1st Draft) Review & Comments	0%	2 days	Fri 09/11/12	Mon 12/11/12
Implementation Plan (2nd Draft)	0%	2 days	Tue 13/11/12	Wed 14/11/12
Implementation Plan (2nd Draft) Review & Comments	0%	1 day	Thu 15/11/12	Thu 15/11/12
Implementation Plan (Finalize)	0%	1 day	Fri 16/11/12	Fri 16/11/12
Implementation Plan Approval & Sign Off	0%	1 day	Mon 19/11/12	Mon 19/11/12
– **Configure Test, QA, PROD Environments**	**11%**	**137 days**	**Tue 27/03/12**	**Thu 04/10/12**
+ **Infrastructure**	**0%**	**18 days**	**Mon 13/08/12**	**Tue 04/09/12**
+ **Databases**	**0%**	**13 days**	**Wed 05/09/12**	**Fri 21/09/12**
– **Software**	**56%**	**132 days**	**Tue 27/03/12**	**Thu 27/09/12**
Procure GASTAR Software	100%	5 days	Tue 27/03/12	Mon 02/04/12
Install and Configure GASTAR	0%	2 days	Mon 24/09/12	Tue 25/09/12
Test Connectivity and Availability	0%	2 days	Wed 26/09/12	Thu 27/09/12
Test the Full System Configuration	0%	3 days	Fri 28/09/12	Tue 02/10/12
Sign-off Infrastructure and Security	0%	2 days	Wed 03/10/12	Thu 04/10/12
– **Data Conversion/Migration (National Grid Systems Interfaces)**	**2%**	**108.5 days**	**Mon 21/05/12**	**Fri 19/10/12**
– **Broker Mgmt, Contracts, Meter Data**	**3%**	**108.5 days**	**Mon 21/05/12**	**Fri 19/10/12**
Acquire National Grid Sample Data	100%	3 days	Mon 21/05/12	Thu 24/05/12
Acquire National Grid Data	0%	5 days	Mon 23/07/12	Fri 27/07/12
Develop Migration Scripts	0%	5 days	Wed 05/09/12	Wed 12/09/12
Conversion Iteration 1	0%	2 days	Wed 12/09/12	Fri 14/09/12
Data Validation	0%	3 days	Fri 14/09/12	Wed 19/09/12
Refine Conversion Scripts	0%	3 days	Wed 19/09/12	Mon 24/09/12
Conversion Iteration 2	0%	2 days	Mon 24/09/12	Wed 26/09/12
Data Validation	0%	3 days	Wed 26/09/12	Mon 01/10/12
Refine Conversion Scripts	0%	2 days	Mon 01/10/12	Wed 03/10/12
Conversion Iteration 3	0%	2 days	Wed 03/10/12	Fri 05/10/12
Data Validation	0%	2 days	Fri 05/10/12	Tue 09/10/12
Refine Conversion Scripts	0%	2 days	Tue 09/10/12	Thu 11/10/12
Conversion Iteration 4	0%	2 days	Thu 11/10/12	Mon 15/10/12
Data Validation	0%	2 days	Mon 15/10/12	Wed 17/10/12
Data Conversion Sign-off	0%	2 days	Wed 17/10/12	Fri 19/10/12
Define Meter Data Interface Requirements	0%	2.5 days	Wed 05/09/12	Fri 07/09/12
Develop Meter Data Inferface	0%	10 days	Mon 10/09/12	Fri 21/09/12
Define BMS Data Interface Requirements	0%	5 days	Mon 10/09/12	Fri 14/09/12
Develop BMS Data Inferface	0%	10 days	Mon 17/09/12	Fri 28/09/12
Define CRIS Data Interface Requirements	0%	5 days	Mon 17/09/12	Fri 21/09/12
Develop CRIS Data Inferface	0%	10 days	Mon 24/09/12	Fri 05/10/12
Define GP Data Interface Requirements	0%	5 days	Mon 24/09/12	Fri 28/09/12
Develop GP Data Inferface	0%	10 days	Mon 01/10/12	Fri 12/10/12
– **Wholesaler, Capacity Release Data**	**0%**	**56 days**	**Wed 25/07/12**	**Tue 09/10/12**
Acquire National Grid Data	0%	3 days	Wed 25/07/12	Fri 27/07/12
Develop Migration Scripts	0%	10 days	Tue 31/07/12	Mon 13/08/12
Conversion Iteration 1	0%	5 days	Tue 14/08/12	Mon 20/08/12
Data Validation	0%	3 days	Tue 21/08/12	Thu 23/08/12
Refine Conversion Scripts	0%	3 days	Fri 24/08/12	Tue 28/08/12
Conversion Iteration 2	0%	2 days	Wed 29/08/12	Thu 30/08/12
Data Validation	0%	3 days	Fri 31/08/12	Mon 03/09/12
Refine Conversion Scripts	0%	2 days	Tue 04/09/12	Wed 05/09/12
Conversion Iteration 3	0%	5 days	Thu 06/09/12	Wed 12/09/12
Data Validation	0%	5 days	Thu 13/09/12	Wed 19/09/12
Refine Conversion Scripts	0%	3 days	Thu 20/09/12	Mon 24/09/12
Conversion Iteration 4	0%	6 days	Tue 25/09/12	Tue 02/10/12
Data Validation	0%	3 days	Wed 03/10/12	Fri 05/10/12
Data Conversion Sign-off	0%	2 days	Mon 08/10/12	Tue 09/10/12

Task Name	% Complete	Duration	Start	Finish
⊟ **System Testing**	0%	256 days	Wed 10/10/12	Wed 02/10/13
⊟ **GASTAR with National Grid Systems/Data**	0%	44 days	Wed 10/10/12	Mon 10/12/12
⊟ **Wholesale**	0%	41 days	Wed 10/10/12	Wed 05/12/12
Test Cycle 1	0%	20 days	Wed 10/10/12	Tue 06/11/12
Test Cycle 2	0%	20 days	Wed 07/11/12	Tue 04/12/12
System Sign-Off & Acceptance	0%	1 day	Wed 05/12/12	Wed 05/12/12
⊟ **Retail**	0%	28 days	Thu 01/11/12	Mon 10/12/12
Install & Configure Build 1	0%	1 day	Thu 01/11/12	Thu 01/11/12
Test Cycle 1	0%	10 days	Fri 02/11/12	Thu 15/11/12
Install & Configure Build 2	0%	1 day	Fri 16/11/12	Fri 16/11/12
Test Cycle 2	0%	5 days	Mon 19/11/12	Fri 23/11/12
Install & Configure Build 3	0%	1 day	Mon 26/11/12	Mon 26/11/12
Test Cycle 3	0%	5 days	Tue 27/11/12	Mon 03/12/12
Install & Configure Build 4	0%	1 day	Tue 04/12/12	Tue 04/12/12
Test Cycle 4	0%	3 days	Wed 05/12/12	Fri 07/12/12
User Acceptance Testing	0%	0 days	Fri 07/12/12	Fri 07/12/12
System Sign-Off & Acceptance	0%	1 day	Mon 10/12/12	Mon 10/12/12
⊟ **GASTAR with Liberty Systems/Data**	0%	129 days	Fri 05/04/13	Wed 02/10/13
⊟ **Wholesale**	0%	45 days	Fri 05/04/13	Thu 06/06/13
Test Cycle 1	0%	21 days	Fri 05/04/13	Fri 03/05/13
Test Cycle 2	0%	23 days	Mon 06/05/13	Wed 05/06/13
System Sign-Off & Acceptance	0%	1 day	Thu 06/06/13	Thu 06/06/13
⊟ **Retail**	0%	48 days	Mon 29/07/13	Wed 02/10/13
Install & Configure Build 1	0%	1 day	Mon 29/07/13	Mon 29/07/13
Test Cycle 1	0%	10 days	Tue 30/07/13	Mon 12/08/13
Install & Configure Build 2	0%	1 day	Tue 13/08/13	Tue 13/08/13
Test Cycle 2	0%	8 days	Wed 14/08/13	Fri 23/08/13
Install & Configure Build 3	0%	1 day	Mon 26/08/13	Mon 26/08/13
Test Cycle 3	0%	5 days	Tue 27/08/13	Mon 02/09/13
Install & Configure Build 4	0%	1 day	Tue 03/09/13	Tue 03/09/13
Test Cycle 4	0%	5 days	Wed 04/09/13	Tue 10/09/13
User Training	0%	5 days	Wed 11/09/13	Tue 17/09/13
User Acceptance Testing	0%	10 days	Wed 18/09/13	Tue 01/10/13
System Sign-Off & Acceptance	0%	1 day	Wed 02/10/13	Wed 02/10/13
⊟ **Implementation Using National Grid Systems (Release 1)**	0%	72 days	Sat 01/09/12	Mon 10/12/12
Execute Cutover Plan (Wholesale Parallel Processing)	0%	60 days	Sat 01/09/12	Thu 22/11/12
Go Live (Wholesale)	0%	1 day	Fri 23/11/12	Fri 23/11/12
Execute Cutover Plan (Retail)	0%	2 days	Mon 26/11/12	Tue 27/11/12
Review Cutover Checklist (Retail)	0%	2 days	Mon 03/12/12	Tue 04/12/12
Go Live Cut Over (Retail)	0%	1 day	Mon 10/12/12	Mon 10/12/12
⊟ **Post Implementation Support (Release 1)**	0%	35 days	Fri 23/11/12	Thu 10/01/13
Issue Tracking/Help Desk Setup	0%	10 days	Fri 23/11/12	Thu 06/12/12
Setup 2nd and 3rd level support resourcing model	0%	3 days	Fri 23/11/12	Tue 27/11/12
Lessons Learned Documented	0%	5 days	Fri 04/01/13	Thu 10/01/13
⊟ **Data Conversion/Migration (Liberty Systems Interfaces)**	0%	130 days	Mon 28/01/13	Fri 26/07/13
⊟ **Broker Mgmt, Contracts, Meter Data**	0%	125 days	Mon 04/02/13	Fri 26/07/13
Acquire Sample Data	0%	3 days	Mon 04/02/13	Wed 06/02/13
Acquire Data	0%	5 days	Thu 07/02/13	Wed 13/02/13
Develop Migration Scripts	0%	10 days	Thu 14/02/13	Wed 27/02/13
Conversion Iteration 1	0%	5 days	Thu 28/02/13	Wed 06/03/13
Data Validation	0%	5 days	Thu 07/03/13	Wed 13/03/13
Refine Conversion Scripts	0%	5 days	Thu 14/03/13	Wed 20/03/13
Conversion Iteration 2	0%	5 days	Thu 21/03/13	Wed 27/03/13
Data Validation	0%	3 days	Thu 28/03/13	Mon 01/04/13
Refine Conversion Scripts	0%	5 days	Tue 02/04/13	Mon 08/04/13
Conversion Iteration 3	0%	5 days	Tue 09/04/13	Mon 15/04/13
Data Validation	0%	3 days	Tue 16/04/13	Thu 18/04/13
Refine Conversion Scripts	0%	5 days	Fri 19/04/13	Thu 25/04/13
Conversion Iteration 4	0%	5 days	Fri 26/04/13	Thu 02/05/13
Data Validation	0%	5 days	Fri 03/05/13	Thu 09/05/13
Data Conversion Sign-off	0%	2 days	Fri 10/05/13	Mon 13/05/13
Define MV90 Meter Data Interface Requirements	0%	10 days	Fri 01/03/13	Thu 14/03/13
Develop MV90 Meter Data Inferface	0%	10 days	Fri 15/03/13	Thu 28/03/13
Define MDM Data Interface Requirements	0%	10 days	Fri 29/03/13	Thu 11/04/13
Develop MDM Data Inferface	0%	10 days	Fri 12/04/13	Thu 25/04/13
Define Cogsdale Data Interface Requirements (Gas)	0%	10 days	Mon 01/07/13	Fri 12/07/13
Develop Cogsdale Data Inferface (Gas)	0%	10 days	Mon 15/07/13	Fri 26/07/13

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Task Name	% Complete	Duration	Start	Finish
⊟ Wholesaler, Capacity Release Data	0%	49 days	Mon 28/01/13	Thu 04/04/13
Acquire Data	0%	3 days	Mon 28/01/13	Wed 30/01/13
Develop Migration Scripts	0%	10 days	Thu 31/01/13	Wed 13/02/13
Conversion Iteration 1	0%	5 days	Thu 14/02/13	Wed 20/02/13
Data Validation	0%	3 days	Thu 21/02/13	Mon 25/02/13
Refine Conversion Scripts	0%	3 days	Tue 26/02/13	Thu 28/02/13
Conversion Iteration 2	0%	5 days	Fri 01/03/13	Thu 07/03/13
Data Validation	0%	3 days	Fri 08/03/13	Tue 12/03/13
Refine Conversion Scripts	0%	2 days	Wed 13/03/13	Thu 14/03/13
Conversion Iteration 3	0%	3 days	Fri 15/03/13	Tue 19/03/13
Data Validation	0%	3 days	Wed 20/03/13	Fri 22/03/13
Refine Conversion Scripts	0%	2 days	Mon 25/03/13	Tue 26/03/13
Conversion Iteration 4	0%	3 days	Wed 27/03/13	Fri 29/03/13
Data Validation	0%	2 days	Mon 01/04/13	Tue 02/04/13
Data Conversion Sign-off	0%	2 days	Wed 03/04/13	Thu 04/04/13
⊟ Implementation Using Liberty Utilities Systems (Release 2)	0%	13 days	Thu 03/10/13	Mon 21/10/13
Execute Cutover Plan	0%	10 days	Thu 03/10/13	Wed 16/10/13
Review Cutover Checklist	0%	2 days	Thu 17/10/13	Fri 18/10/13
Go Live Cut Over	0%	1 day	Mon 21/10/13	Mon 21/10/13
⊟ Post Implementation Support (Release 2)	0%	15 days	Thu 17/10/13	Wed 06/11/13
Issue Tracking/Help Desk Setup	0%	10 days	Thu 17/10/13	Wed 30/10/13
Setup 2nd and 3rd level support resourcing model	0%	3 days	Thu 17/10/13	Mon 21/10/13
⊟ Regulatory	100%	44 days	Wed 01/02/12	Mon 02/04/12
⊟ Rates & Regulatory (E-Doc)	100%	44 days	Wed 01/02/12	Mon 02/04/12
Requirements	100%	8 days	Wed 01/02/12	Fri 10/02/12
Design	100%	4 days	Mon 13/02/12	Thu 16/02/12
Configuration	100%	5 days	Fri 17/02/12	Thu 23/02/12
Training	100%	2 days	Fri 24/02/12	Mon 27/02/12
Testing	100%	19 days	Tue 28/02/12	Fri 23/03/12
UAT	100%	5 days	Mon 26/03/12	Fri 30/03/12
Implementation	100%	1 day	Mon 02/04/12	Mon 02/04/12
⊟ Network & Infrastructure	41%	315 days	Tue 01/11/11	Mon 14/01/13
⊟ Telecommunications	35%	217 days	Thu 01/12/11	Fri 28/09/12
High Level Design / Architecture	100%	5 days	Thu 01/12/11	Wed 07/12/11
Telecom Systems Site Survey	100%	5 days	Thu 08/12/11	Wed 14/12/11
Approval for changes	100%	5 days	Thu 15/12/11	Wed 21/12/11
Cellular System Transfers	100%	15 days	Thu 22/12/11	Wed 11/01/12
Radio System Transfers	0%	35 days	Mon 13/08/12	Fri 28/09/12
Order new Wireless Devices , air cards as required	100%	5 days	Thu 12/01/12	Wed 18/01/12
Build Telephony Systems	0%	35 days	Mon 13/08/12	Fri 28/09/12
Test Telecom System	100%	2 days	Thu 26/01/12	Fri 27/01/12
⊟ End-User Computer Configuration	62%	217 days	Thu 01/12/11	Fri 28/09/12
Develop a list of Employees and specific requirements (desktop, Laptop, ergonomics,etc.)	100%	2 days	Thu 01/12/11	Fri 02/12/11
⊟ Develop Software/Hardware Requirements	62%	217 days	Thu 01/12/11	Fri 28/09/12
Microsoft Exchange Email Licenses	100%	1 day	Thu 01/12/11	Thu 01/12/11
Microsoft Terminal Services Licenses	100%	1 day	Thu 01/12/11	Thu 01/12/11
Citrix Client Access Licenses	100%	1 day	Thu 01/12/11	Thu 01/12/11
Citrix Server Licensing	100%	1 day	Thu 01/12/11	Thu 01/12/11
Anti-Virus Licenses	100%	1 day	Thu 01/12/11	Thu 01/12/11
Microsoft XP Licenses	100%	1 day	Thu 01/12/11	Thu 01/12/11
Microsoft Windows 7 Desktop Licenses	100%	1 day	Thu 01/12/11	Thu 01/12/11
Microsoft Office Licenses	100%	1 day	Thu 01/12/11	Thu 01/12/11
Microsoft Dynamics GP Licenses	100%	1 day	Thu 01/12/11	Thu 01/12/11
Wennsoft Licenses	100%	1 day	Thu 01/12/11	Thu 01/12/11
Cisco Licenses	100%	1 day	Thu 01/12/11	Thu 01/12/11
Net Motion VPN Licenses	100%	1 day	Thu 01/12/11	Thu 01/12/11
Procure Hardware	100%	10 days	Fri 02/12/11	Thu 15/12/11
Procure Software licenses	100%	2 days	Fri 02/12/11	Mon 05/12/11
Develop standard image(s)	100%	30 days	Tue 06/12/11	Mon 16/01/12
Test standard image(s)	100%	5 days	Tue 17/01/12	Mon 23/01/12
Standard image(s) is frozen to changes	100%	0 days	Mon 23/01/12	Mon 23/01/12
Configure Hardware with standard image	100%	5 days	Tue 24/01/12	Mon 30/01/12
Deploy configured hardware to each office	0%	40 days	Mon 06/08/12	Fri 28/09/12

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Task Name	% Complete	Duration	Start	Finish
⊟ **WAN Assessment**	**100%**	**57 days**	**Tue 01/11/11**	**Wed 18/01/12**
Define scope of assessment	100%	15 days	Tue 01/11/11	Mon 21/11/11
Collect proposals from vendors/consultants	100%	10 days	Tue 22/11/11	Mon 05/12/11
Select vendor	100%	2 days	Tue 06/12/11	Wed 07/12/11
Develop WAN Assessment detailed plan	100%	10 days	Thu 08/12/11	Wed 21/12/11
Perform Configuration Assessment on Current State WAN	100%	5 days	Thu 22/12/11	Wed 28/12/11
Perform Architecture Assessment on Current State WAN	100%	5 days	Thu 29/12/11	Wed 04/01/12
Perform Vulnerability Assessment on Current State WAN	100%	5 days	Thu 05/01/12	Wed 11/01/12
Assessment Reports are delivered	100%	0 days	Wed 11/01/12	Wed 11/01/12
Develop and action plan based on Assessment Reports	100%	5 days	Thu 12/01/12	Wed 18/01/12
⊟ **Disaster Recovery**	**2%**	**181 days**	**Mon 07/05/12**	**Mon 14/01/13**
Review current DR plan	20%	5 days	Mon 07/05/12	Fri 11/05/12
Assess changes required to DR plan	1%	101 days	Mon 14/05/12	Mon 01/10/12
Revise DR plan where necessary	0%	5 days	Tue 01/01/13	Mon 07/01/13
Document changes	0%	5 days	Tue 08/01/13	Mon 14/01/13
⊟ **Deployment Strategy**	**39%**	**214.9 days**	**Mon 05/12/11**	**Fri 28/09/12**
Site Survey - review of telecom / network / systems	100%	4 days	Mon 05/12/11	Thu 08/12/11
Receive list of employees to locations from NG HR and Facilities	100%	5 days	Fri 09/12/11	Thu 15/12/11
Build Liberty Employee list and phone list , computers, hardware	100%	5 days	Fri 16/12/11	Thu 22/12/11
Office floor plans - receive update requirements From Liberty Facility Dept.	100%	15 days	Mon 12/03/12	Fri 30/03/12
Design Telecom and Data Room clean up / repair / remodel	100%	35 days	Mon 13/02/12	Fri 30/03/12
Design of LAN office network (IP Segments)	100%	35 days	Mon 13/02/12	Fri 30/03/12
Design Route / Dialing Plans for phone systems	22%	130 days	Mon 13/02/12	Fri 10/08/12
Develop Detailed Cutover Plan	14%	115 days	Mon 05/03/12	Fri 10/08/12
Order Century circuit drops - (requires pre-close work)	100%	2 days	Mon 02/04/12	Tue 03/04/12
Purchase of network equipment , computers , systems	100%	5 days	Mon 02/04/12	Fri 06/04/12
Provision of circuits , DSL , T1 , fiber, analog, MPLS	100%	6 days	Mon 02/04/12	Mon 09/04/12
Order Cabling and system racks , patch panels	100%	6 days	Mon 02/04/12	Mon 09/04/12
⊟ **Site Deployments (Manchester, Nashua)**	**12%**	**5 days**	**Mon 03/09/12**	**Fri 07/09/12**
Mounting of routers, switches, firewalls, others	0%	3 days	Mon 03/09/12	Wed 05/09/12
Configuration of network and telecom systems	0%	3 days	Mon 03/09/12	Wed 05/09/12
Format and reload of computers with Liberty Image	20%	3 days	Mon 03/09/12	Wed 05/09/12
Local AD , DHCP, file , Print, User Profiles, access controls	0%	2 days	Mon 03/09/12	Tue 04/09/12
Active Directory Configuration , OU grouping distribution and Security	70%	3 days	Mon 03/09/12	Wed 05/09/12
Setup Distributed File System shares	0%	2 days	Mon 03/09/12	Tue 04/09/12
Setup Backup polices and procedures	0%	1 day	Mon 03/09/12	Mon 03/09/12
Testing of network and telecom systems , Security , Capacity , load , failovers	0%	5 days	Mon 03/09/12	Fri 07/09/12
⊟ **Site Deployments (Tilton, Concord)**	**10%**	**5 days**	**Mon 27/08/12**	**Fri 31/08/12**
Mounting of routers, switches, firewalls, others	0%	3 days	Mon 27/08/12	Wed 29/08/12
Configuration of network and telecom systems	0%	3 days	Mon 27/08/12	Wed 29/08/12
Format and reload of computers with Liberty Image	0%	3 days	Mon 27/08/12	Wed 29/08/12
Local AD , DHCP, file , Print, User Profiles, access controls	0%	2 days	Mon 27/08/12	Tue 28/08/12
Active Directory Configuration , OU grouping distribution and Security	70%	3 days	Tue 27/08/12	Wed 29/08/12
Setup Distributed File System shares	0%	2 days	Mon 27/08/12	Tue 28/08/12
Setup Backup polices and procedures	0%	1 day	Mon 27/08/12	Mon 27/08/12
Testing of network and telecom systems , Security , Capacity , load , failovers	0%	5 days	Mon 27/08/12	Fri 31/08/12
⊟ **Site Deployments (Salem, Lebanon, Charlestown)**	**10%**	**29.9 days**	**Mon 20/08/12**	**Fri 28/09/12**
Mounting of routers, switches, firewalls, others	0%	3 days	Mon 03/09/12	Wed 05/09/12
Configuration of network and telecom systems	0%	3 days	Thu 06/09/12	Mon 10/09/12
Format and reload of computers with Liberty Image	0%	3 days	Tue 11/09/12	Thu 13/09/12
Local AD , DHCP, file , Print, User Profiles, access controls	0%	2 days	Fri 14/09/12	Mon 17/09/12
Active Directory Configuration , OU grouping distribution and Security	70%	3 days	Mon 20/08/12	Tue 18/09/12
Setup Distributed File System shares	0%	2 days	Tue 18/09/12	Thu 20/09/12
Setup Backup polices and procedures	0%	1 day	Thu 20/09/12	Fri 21/09/12
Testing of network and telecom systems , Security , Capacity , load , failovers	0%	5 days	Fri 21/09/12	Fri 28/09/12

8. Conclusion

Through the careful management of the migration process by the Transition Management Office and the collaborative efforts of the IT teams, the IT Migration Plan described above and specifically outlined through the appendices will allow the successful migration of data from National Grid to Liberty seamlessly with minimal customer interruption.

APPENDIX – A
IT Application Planning Templates

ID	Task Name	Duration
	LU IT-Day N Planning Template–Meter to Cash	
1	IT - Meter to Cash - HIGHLY CONFIDENTIAL	381 days
2	Project Management	381 days
3	Project Management	330 days
4	Resources	86 days
5	Assemble project team	1 day
6	Define roles and responsibilities	1 day
7	Review roles and responsibilities with team members	3 days
8	Meter to Cash Implementation	381 days
9	CIS and Interfaces	310 days
10	Initiation	30 days
11	Preparation, Scope and Schedule review	4 days
12	Kick off meeting	0.5 days
13	Business Application Training (CIS - Cogsdale)	10 days
14	Scoping Strategy & Workshops	10 days
15	Business Process Alignment Sessions	10 days
16	Customer Information	10 days
17	Premise	10 days
18	Service Management	10 days
19	Meter Management	10 days
20	Meter Reading	10 days
21	Field Work	10 days
22	Financial	10 days
23	Billing	10 days
24	Cash	10 days
25	Credit and Collections	10 days
26	Workflow	10 days
27	Interval Billing	10 days
28	Rates	10 days
29	Other	10 days
30	Web Self Service	10 days
31	Security	10 days
32	Reports	10 days
33	Interfaces	26 days
34	Strategy and workshops	5 days
35	Wennsoft	10 days
36	Non Interval meter Reading - ITRON	10 days
37	Interval meter data - MV90	10 days
38	Meter Data Management	10 days
39	General Ledger	10 days
40	AR/AP	10 days
41	Payments	10 days
42	Credit, Collection Interfaces (Collection Agency,Dialer)	10 days
43	Bill Print	10 days
44	IVR	10 days
45	GIS	10 days
46	Web Self Service	10 days
47	IT Infrastructure	0 days
48	Hardware acquired and installed	0 days
49	Install Demo Great Plains Environment	0 days
50	Initiation Report and Analysis Planning	14 days
51	Produce Initiation Report	10 days
52	Review Initiation Report	2 days
53	Sign off on Initiation Report	1 day
54	Prepare for Analysis Phase	1 day
55	Approval to begin Analysis Activities	0 days
56	Analysis	88 days
57	Application Functionality	69 days
58	CIS Overview	10 days
59	Customer Information	10 days
60	Premise	10 days
61	Service Management	10 days
62	Meter Management	10 days
63	Meter Reading	10 days
64	Field Work	10 days
65	Financial	10 days
66	Billing	10 days
67	Cash	10 days
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ID	Task Name	Duration
68	Credit and Collections	10 days
69	Workflow	10 days
70	Interval Billing	10 days
71	Rates	10 days
72	Other	10 days
73	Security	10 days
74	**Reports**	**21 days**
75	Report Specifications Workshops	10 days
76	Report specification document	5 days
77	Review Report specification document	5 days
78	Sign off on report specifications document	1 day
79	**Interfaces**	**38 days**
80	Strategy and workshops	3 days
81	Wennsoft	10 days
82	Non Interval meter Reading - ITRON	10 days
83	Interval meter data - MV90	10 days
84	Meter Data Management	10 days
85	General Ledger	10 days
86	Payments	10 days
87	Credit, Collection Interfaces (Collection Agency,Dialer)	10 days
88	Bill Print	10 days
89	IVR(See IVR TeleService Plan)	10 days
90	GIS	10 days
91	Web Self Service(see Web Project plan)	10 days
92	Reports	10 days
93	**Analysis Report**	**17 days**
94	Produce Analysis Report	12 days
95	Produce Analysis (Interface Requirements) document	12 days
96	Review Analysis Report	2 days
97	Revise Analysis Report	2 days
98	Sign off Analysis Report	0 days
99	**Data Conversion**	**16 days**
100	Develop Conversion Strategy	5 days
101	Confirm and Finalize Conversion Strategy	2 days
102	**Data Conversion Mapping Sessions**	**16 days**
103	**CIS**	**16 days**
104	Source Extract	15 days
105	Sign off Design and Cross reference mapping	15 days
106	Define Internal Controls(Record Count etc)	15 days
107	Define 'batch' schedule	3 days
108	**Configure**	**87 days**
109	**Application Functionality**	**32 days**
110	**CIS Configuration**	**6 days**
111	**Training and Environment Setup**	**6 days**
112	Rates Configuration	5 days
113	Field Activity Configuration	5 days
114	Credit and Collection Configuration	5 days
115	Customer Class configuration, Premise, Service	5 days
116	Billing Configuration	5 days
117	Meter Configuration	5 days
118	Other	5 days
119	Interface	5 days
120	Document Configuration set up	5 days
121	Great Plains Configuration	1 day
122	Modifications	30 days
123	Reports - Development	20 days
124	**Security**	**6 days**
125	Define security set up	5 days
126	**CIS Data Conversion**	**87 days**
127	**Environment Setup**	**43 days**
128	IT Hardware setup	0 days
129	Install Great Plain Cogsdale	0 days
130	Source system	1 day
131	Configure CIS	1 day
132	**Development**	**26 days**
133	Data Extraction routines	25 days
134	Import File Layout	25 days

ID	Task Name	Duration
	LU IT–Day N Planning Template–Meter to Cash	
135	Internal controls(Record counts)	25 days
136	Business Controls	25 days
137	**Automation**	**4 days**
138	**Develop of Automation Schedule**	**4 days**
139	Setup	4 days
140	**Interfaces**	**23 days**
141	Code Development	23 days
142	Code delivery	0 days
143	**Interfaces(to be separated out by interface)**	**23 days**
144	Develop External interfaces and systems	23 days
145	Develop Internal Interfaces	23 days
146	Develop middleware	23 days
147	Deliver Code	0 days
148	**Quality Assurance**	**228 days**
149	**Test Strategy**	**6 days**
150	Define Test Strategy	3 days
151	Review Test Strategy	2 days
152	Sign off on Test Strategy	0 days
153	Set up Test Management tool	5 days
154	Develop Testing/Scenario Scripts	22 days
155	**Set up CIS Test Environment**	**43 days**
156	IT set up hardware and application	0 days
157	Enter Configuration CIS	1 day
158	Add users and appropriate security	1 day
159	Set up other system test environments ex Bill Print (TBD)	0 days
160	**System Testing (Cycle 1)**	**28 days**
161	**Test Plan**	**6 days**
162	Define Test Scope	3 days
163	Develop Testing/Scenario Scripts	2 days
164	Set up Test Management tool	3 days
165	Sign off on Test Plan	1 day
166	**Test Environment**	**6 days**
167	Test Environment Prep	5 days
168	**Test Execution**	**20 days**
169	Set up data (use converted data)	1 day
170	Execute Tests	20 days
171	Test Execution Reporting	20 days
172	**System Testing (Cycle 2) with converted data**	**24 days**
173	**Test Plan**	**6 days**
174	Define Test Scope	2 days
175	Develop Testing/Scenario Scripts	2 days
176	Set up Test Management tool	2 days
177	Sign off on Test Plan	1 day
178	**Test Environment**	**3 days**
179	Test Environment Prep	3 days
180	Hand off from conversion team - conversion delivery	0 days
181	**Test Execution**	**19 days**
182	Set up data (use converted data)	1 day
183	Execute Tests	19 days
184	Test Execution Reporting	19 days
185	**Interface testing(to be broken down by interface)**	**28 days**
186	**Test Plan**	**6 days**
187	Define Test Scope	3 days
188	Develop Testing/Scenario Scripts	2 days
189	Set up Test Management tool	3 days
190	Sign off on Test Plan	1 day
191	**Test Environment**	**6 days**
192	Test Environment Prep	5 days
193	Bill Print	0 days
194	MVRS	0 days
195	**Test Execution**	**20 days**
196	Set up data (use converted data)	1 day
197	Execute Tests	20 days
198	Test Execution Reporting	20 days
199	**Interface testing (Cycle 2) with converted data**	**24 days**
200	**Test Plan**	**6 days**

ID	Task Name	Duration
	LU IT-Day N Planning Template-Meter to Cash	
201	Define Test Scope	2 days
202	Develop Testing/Scenario Scripts	2 days
203	Set up Test Management tool	2 days
204	Sign off on Test Plan	1 day
205	**Test Environment**	**3 days**
206	Test Environment Prep	3 days
207	Hand off from conversion team - conversion delivery	0 days
208	**Test Execution**	**18 days**
209	Set up data (use converted data)	1 day
210	Execute Tests	19 days
211	Test Execution Reporting	19 days
212	**System Integration Testing 1(end to end on converted data)**	**60 days**
213	**Test Plan**	**8 days**
214	Define Test Scope	2 days
215	Develop Testing/Scenario Scripts	3 days
216	Set up Test Management tool	3 days
217	Sign off on Test Plan	0 days
218	**Test Environment**	**4 days**
219	Test Environment Prep	4 days
220	Hand off from conversion team - conversion delivery	0 days
221	**Test Execution**	**32 days**
222	Set up data (use converted data)	1 day
223	Execute Tests(include business process testing)	32 days
224	Test Execution Reporting	32 days
225	**System Integration Testing 2(end to end on converted data) with Code Freeze in p**	**60 days**
226	**Test Plan**	**8 days**
227	Define Test Scope	2 days
228	Develop Testing/Scenario Scripts	3 days
229	Set up Test Management tool	3 days
230	Sign off on Test Plan	0 days
231	**Test Environment**	**3 days**
232	Test Environment Prep	3 days
233	Hand off from conversion team - conversion delivery	0 days
234	**Test Execution**	**38 days**
235	Set up data (use converted data)	1 day
236	Execute Tests(include business process testing)	36 days
237	Test Execution Reporting	36 days
238	**User Acceptance Testing**	**37 days**
239	Identify user group	2 days
240	**Test Plan**	**12 days**
241	Define Test Scope	5 days
242	Develop Testing/Scenario Scripts	4 days
243	Set up Test Management tool	4 days
244	Sign off on Test Plan	1 day
245	Test Environment Prep	1 day
246	**Test Execution**	**16 days**
247	Set up data (use converted data)	2 days
248	Execute Tests(include business process testing)	12 days
249	Test Execution Reporting	12 days
250	User Acceptance sign off	1 day
251	**Performance testing**	**38 days**
252	**Test Plan**	**16 days**
253	Define Test Scope	5 days
254	Develop Testing/Scenario Scripts	5 days
255	Set up Test Management tool	5 days
256	Sign off on Test Plan	1 day
257	Test Environment Prep	1 day
258	**Test Execution**	**18 days**
259	Set up data (use converted data)	3 days
260	Execute Tests(include business process testing)	10 days
261	Test Execution Reporting	15 days
262	Business and IT Acceptance sign off	1 day
263	**Defect Management**	**171 days**
264	Log Defects	171 days
265	Assign defects to appropriate party	171 days
266	Test Defect fix	121 days

ID	Task Name	Duration
267	Defect reporting	171 days
268	Document open issues and workarounds	171 days
269	Sign off open issues and workaround list	1 day
270	CODE FREEZE OF ALL SYSTEMS	0 days
271	Data Conversion	162 days
272	Test Conversion (subset)	22 days
273	Pull Source data	5 days
274	Setup (New Config, Clear tables, etc)	1 day
275	Extract Execution	3 days
276	Reconciliation and Log Review	12 days
277	Status Report	1 day
278	Test Conversion 2 (fullset)	22 days
279	Pull Source data	5 days
280	Setup (New Config, Clear tables, etc)	1 day
281	Extract Execution	3 days
282	Reconciliation and Log Review	12 days
283	Status Report	1 day
284	Test Conversion 3 (fullset)	38 days
285	Pull Source data	5 days
286	Setup (New Config, Clear tables, etc)	1 day
287	Extract Execution	3 days
288	Reconciliation and Log Review	28 days
289	Status Report	1 day
290	Test Conversion 4 (fullset, Code freeze in place)	42 days
291	Pull Source data	2 days
292	Setup (New Config, Clear tables, etc)	1 day
293	Extract Execution	3 days
294	Reconciliation and Log Review	35 days
295	Status Report	1 day
296	Conversion Data Validation/QA	146 days
297	Planning	5 days
298	Training	3 days
299	Execution	130 days
300	Validation by the test team	130 days
301	Data Clean Management	110 days
302	Dress Rehearsal	132 days
303	Develop cutover task list	132 days
304	Dress Rehearsal 1	21 days
305	Planning	5 days
306	Execution	3 days
307	Post Review	1 day
308	Update documentation as required	2 days
309	Dress Rehearsal 2	27 days
310	Planning	3 days
311	Execution	5 days
312	Post Review	1 day
313	Update documentation as required	2 days
314	Implementation	308 days
315	Cutover weekend	80 days
316	Execute cutover activities	22 days
317	Legacy Environment Shut Down	1 day
318	End Business Systems Processing	1 day
319	Receive Cash Remittance	1 day
320	Post bills	1 day
321	Transmit legacy bills to Bill Print Provider	1 day
322	To be Determined	1 day
323	Perform last nightly processing/reporting	1 day
324	Turn Legacy CIS to Read only Access	1 day
325	Commence nightly/month end processing jobs	1 day
326	Backup	1 day
327	Backup Banner	1 day
328	Back up other servers To be determined	1 day
329	Verify Backups	1 day
330	Verify Banner backup	1 day
331	Back up other systems To be determined	1 day
332	Production Environment Prep	80 days

	LU IT-Day N Planning Template–Meter to Cash	
ID	Task Name	Duration
333	**Systems Conversion**	**80 days**
334	**Banner to Cogsdale Conversion**	**78 days**
335	IT set up hardware and apply application	0 days
336	Prep Great Plains(Cogsdale)	1 day
337	Apply last pristine configuration	1 day
338	Execute conversion	2 days
339	GIS Conversion	1 day
340	MV90 ITRON Conversion	1 day
341	TBD	1 day
342	**System Configuration**	**1 day**
343	Configure middleware live partner endpoints	1 day
344	Apply Cogsdale Security for end users	1 day
345	Configure Business Objects server	1 day
346	**Promote systems**	**1 day**
347	Promote Bill Print	1 day
348	Promote IVR	1 day
349	Promote business objects code	1 day
350	Promote Cogsdale code	1 day
351	**Verify conversion**	**1 day**
352	Restore Cogsdale Converted System to Test Environment	1 day
353	Smoke Test Cogsdale Test Environment	1 day
354	Verify configuration	1 day
355	Verify GL Conversion	1 day
356	Verify GIS Conversion	1 day
357	Check Point of Go Live Conversion	1 day
358	Back up Cogsdale	1 day
359	Verify Bill Print provider	1 day
360	Verify Bank	1 day
361	Verify IVR	1 day
362	Verify Business Objects	1 day
363	**Verify middleware config**	**1 day**
364	Smoke test middleware	1 day
365	Check Point of Go Live - Interface Partners	1 day
366	Check Point of Go Live - Middleware and Integration	1 day
367	**Business Readiness**	**308 days**
368	**Change Impact Analysis**	**184 days**
369	Develop inventory of all Change Impacts for all business groups	156 days
370	Conduct task analysis for each end user group	156 days
371	Communicate Impacts to Stakeholders & Target Groups	1 day
372	Obtain Stakeholder sign off	0 days
373	**Business Process design**	**74 days**
374	Design and Document processes and business rules	74 days
375	Obtain stakeholder sign off for business rules and process changes	1 day
376	**End user communication**	**87 days**
377	**Liberty End user communications**	**87 days**
378	Issue communications re system overview, lexicon, go live plan/schedule	67 days
379	Issue targeted process/user group specific communications -bi-weekly	62 days
380	**End user Training**	**238 days**
381	Develop training strategy	5 days
382	Obtain stakeholder sign off	1 day
383	**Training**	**238 days**
384	Create Training environment	0 days
385	**Develop Training Material**	**43 days**
386	Create Training Development Schedule	3 days
387	Legacy System	10 days
388	Cogsdale	20 days
389	**Deliver Training Material**	**78 days**
390	Prepare Training Environment	5 days
391	Create training delivery schedule	5 days
392	Training schedule approval by stakeholders	0 days
393	Deliver Legacy System Training	10 days
394	Deliver New CIS Training	37 days
395	**Business Resource Planning**	**3 days**
396	Forecast go- live impacts of conversion and post conversion tasks	3 days
397	**Incident and Issue management - Post go live**	**114 days**
398	Develop issue management strategy	10 days
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ID	Task Name	Duration
399	Develop pre/post go live IT and application support staff requirements	10 days
400	Implement Go live staffing plan	114 days
401	Manage Issues	0 days
402	**Go Live and Readiness Tracking**	**218 days**
403	Develop draft readiness and metrics and performance assessment targets	10 days
404	Negotiate final readiness metrics and performance assessment targets with ke	10 days
405	Present final readiness assessment plan to stakeholders and sponsors for sigr	1 day
406	Hold readiness meetings with stakeholders	196 days
407	Present Readiness status for Go-No Go decision	1 day
408	**Metering Software**	**223 days**
409	**Non Interval Meter Reading (MVRS)**	**222 days**
410	**Day 1**	**3 days**
411	**Analysis**	**3 days**
412	**Review and Assess current MVRS infrastructure**	**3 days**
413	Servers	3 days
414	Handhelds	3 days
415	Docking stations	3 days
416	**Configure**	**3 days**
417	Acquire Licenses	3 days
418	**Day 270**	**212 days**
419	**Analysis**	**2 days**
420	Part of CIS interface analysis sessions	2 days
421	File aggregator	1 day
422	**Configure**	**6 days**
423	LU aggregator for files	5 days
424	**Quality Assurance**	**187 days**
425	**Test Environment**	**0 days**
426	Set up MVRS test server	0 days
427	Handhelds	0 days
428	**Test Execution and Planning (See CIS for Quality Assurance on interface**	**133 days**
429	Interface Testing	22 days
430	Systems Integration Testing	91 days
431	**Implementation**	**77 days**
432	Set up Production server	0 days
433	**Production prep**	**1 day**
434	Update middleware integration points	1 day
435	aggregator program deployed to production	1 day
436	**Production Verify**	**1 day**
437	test file transfer	1 day
438	**Training**	**12 days**
439	Develop Training strategy	1 day
440	Develop training	3 days
441	Deliver Training	3 days
442	**Interval Meter Reading (MV90)**	**223 days**
443	**Day 1**	**3 days**
444	**Analysis**	**3 days**
445	Review Technical, Hardware and Network Requirements	3 days
446	**Configure**	**3 days**
447	Acquire Licenses	3 days
448	**Day 270**	**180 days**
449	**Analysis**	**18 days**
450	Data Conversion Analysis Workshops	13 days
451	Develop Requirements Document	2 days
452	Review Requirements Document	3 days
453	Sign off Requirements desktop	1 day
454	**Configure**	**68 days**
455	IT Infrastructure	0 days
456	Environment Setup	3 days
457	Remote configuration setup	20 days
458	Onsite configuration setup	20 days
459	**Quality Assurance**	**180 days**
460	**Test Environment**	**68 days**
461	Set up MV90 test server	0 days
462	Configuration for test specifically	1 day
463	**Test Execution and Planning (See CIS for Quality Assurance on interface**	**102 days**
464	Interface Testing	14 days

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ID	Task Name	Duration
465	Systems Integration Testing	91 days
466	**Implementation**	**66 days**
467	**Production prep**	**63 days**
468	IT setup server and application	0 days
469	Configure	2 days
470	**Production Verify**	**1 day**
471	Smoke test	1 day
472	Ensure schedules have been set up	1 day
473	**End User Training**	**12 days**
474	Develop Training strategy	1 day
475	Develop training	3 days
476	Deliver Training	3 days
477	**Automated Meter Read(American Trace System)**	**222 days**
478	**Day 1**	**3 days**
479	**Analysis**	**3 days**
480	Review and Assess Infrastructure	3 days
481	**Configure**	**3 days**
482	Acquire Licenses	3 days
483	**Day 270**	**212 days**
484	**Analysis**	**2 days**
485	Part of CIS Interface analysis sessions	2 days
486	File aggregator	1 day
487	**Configure**	**1 day**
488	Port program to transform file to MVRS	1 day
489	**Quality Assurance**	**183 days**
490	**Test Environment**	**0 days**
491	Set up test environment	0 days
492	**Test Execution and Planning (See CIS for Quality Assurance on Interface**	**133 days**
493	Interface Testing	22 days
494	Systems Integration Testing	91 days
495	**Implementation**	**70 days**
501	**IVR (Tele Self Service) Implementation**	**348 days**
502	**Day 1**	**127 days**
503	**Analysis**	**6 days**
504	Review script update requirements	1 day
505	Develop requirements document	2 days
506	Sign off on requirements document	2 days
507	**Configure**	**108 days**
508	Obtain 1800	1 day
509	Link to NG IVR	1 day
510	Update NG scripts on IVR	1 day
511	**Quality Assurance**	**14 days**
512	Set up test environment	0 days
513	Define Test Scope	1 day
514	Sign off on Test Scope	1 day
515	Execute Tests	3 days
516	Correct defects	3 days
517	User Acceptance Sign off	1 day
518	**Implement**	**1 day**
519	**Deploy to Production**	**0 days**
520	Link 1800 to IVR	0 days
521	Update NG scripts on IVR	0 days
522	**Verify Production**	**1 day**
523	Smoke test IVR	1 day
524	**Day 270**	**263 days**
525	**Analysis**	**36 days**
526	**Phase 1 - Voice Communications Systems Analysis and Ordering**	**26 days**
527	**Complete Call Flow Analysis**	**23 days**
528	Call Flow Design Workshops	5 days
529	Develop Call Centre Call Flow Diagram	8 days
530	Prompt scripts and prompt recording	2 days
531	**Feature and Function Analysis**	**8 days**
532	Customer Care and Billing	2 days
533	Meter Reading	1 day
534	Outage Messaging	1 day
535	Outbound Notifications	1 day

ID	Task Name	Duration
536	Payments	1 day
537	**Requirements Specifications Document**	**8 days**
538	Develop requirements document	0 days
539	Review Requirements document	4 days
540	Revise Requirements document	1 day
541	Sign off on Requirements document	1 day
542	**Inventory and determine Trunk requirements**	**16 days**
543	Trunk Planning and Installation Session	1 day
544	Analog lines, Analog DID lines, Ground start lines, T1 lines	1 day
545	Physical location of wiring and call flow for each trunk line	1 day
546	Order new trunk lines	1 day
547	Determine Network Assessment Requirements	2 days
548	Determine Emergency Services Call Handling Requirements	1 day
549	**Phase 2 - Environment and Infrastructure Analysis and Upgrade**	**28 days**
550	Design LAN topology map	5 days
551	Design WAN topology map	5 days
552	Order servers	1 day
553	**Review Vendor specification requirements**	**11 days**
554	Review LAN/WAN requirements	2 days
555	Review server requirements	2 days
556	Review administration requirements	2 days
557	Review racking and cabling requirements	1 day
558	Review recommendations for Uninterruptible Power Source	1 day
559	Review ventilation and power requirements	1 day
560	**Configuration**	**41 days**
561	Configure Telephone system's server's virtual trunk	1 day
562	Install IVR software on the server	1 day
563	Configure call flows?	4 days
564	**Configure Telephone system**	**1 day**
565	Configure Trunking	1 day
566	**Quality Assurance**	**148 days**
567	**Test Strategy**	**6 days**
568	Define Test Strategy	2 days
569	Review Test Strategy	2 days
570	Sign off on Test Strategy	1 day
571	Set up Test Management tool	1 day
572	**Set up test environment**	**103 days**
573	IT setup hardware and software	0 days
574	Configure test environment	4 days
575	Add users to system	1 day
576	**Interface Testing**	**33 days**
577	**Test Plan**	**10 days**
578	Define Test Scope	2 days
579	Develop Testing/Scenario Scripts	5 days
580	Set up Test Management tool	1 day
581	Sign off on Test Plan	1 day
582	**Test Execution**	**21 days**
583	Data Selection	5 days
584	**Test Execution**	**20 days**
585	**Test and verify all call flows work as desired**	**20 days**
586	Test Music on Hold	1 day
587	Test Headset support on Analog/IP Phones	2 days
588	Test Emergency Handling (Out each and every analog and T1 t	1 day
589	Test IP phone DHCP settings and configuration	2 days
590	Test VLAN Issues	2 days
591	Test Failover scenarios (IP Phones etc)	2 days
592	Test Integration to CIS	10 days
593	Test Cycle Reporting	21 days
594	**User Acceptance Testing(Integrated Testing)**	**26 days**
595	**Test Plan**	**8 days**
596	Define Test Scope	2 days
597	Develop Testing/Scenario Scripts	5 days
598	Set up Test Management tool	5 days
599	Sign off on Test Plan	1 day
600	**Test Execution**	**17 days**
601	Data Selection	14 days

ID	Task Name	Duration
602	Test Execution	14 days
603	Test Cycle Reporting	14 days
604	User Acceptance Sign off	1 day
605	**Performance Testing**	**12 days**
606	**Test Plan**	**8 days**
607	Define Test Scope	2 days
608	Develop Testing/Scenario Scripts	2 days
609	Set up Test Management tool	2 days
610	Sign off on Test Plan	1 day
611	**Test Execution**	**8 days**
612	Data Selection	5 days
613	Test Execution	5 days
614	Test Cycle Reporting	5 days
615	IT Sign off	1 day
616	**Defect Management**	**40 days**
617	Log Defects	40 days
618	Assign defects to appropriate party	40 days
619	Test Defect fix	40 days
620	Defect reporting	40 days
621	Document open issues and workarounds	1 day
622	**Implementation**	**86 days**
623	**Training**	**22 days**
624	Develop Training	5 days
625	**Deliver Training**	**12 days**
626	Schedule training sessions	1 day
627	Delivery training to System Administrators	1 day
628	Deliver Operator training	1 day
629	Deliver Workgroup supervisors and agents training	1 day
630	Deliver Contact Centre supervisors and agents are trained	1 day
631	Train end users	1 day
632	**Cutover**	**76 days**
633	Develop cutover activity list	3 days
634	Complete Cutover Review Checklist	2 days
635	**Production Preparation**	**64 days**
636	Install software on production server	0 days
637	Configure IVR software	5 days
638	Link 1800 number to IVR or telephone system TBD	1 day
639	Apply security	1 day
640	Set up link to CIS	1 day
641	Set up pay pal gateway and payment handling	1 day
642	**Production Verify**	**1 day**
643	Perform smoke tests	1 day
644	**Cutover and Post Go live Support**	**82 days**
645	Identify cutover resources for installation and ' X days post log live'	3 days
646	Deploy resources	23 days
647	**Website Implementation**	**268 days**
648	**Day 1**	**43 days**
649	**Analysis**	**8 days**
650	Review NG web content	7 days
651	Identify mandatory Day 1 forms and content(Regulatory, Payment Options)	2 days
652	Create requirements document	3 days
653	Review requirements document	2 days
654	Sign off on requirements	1 day
655	**Design and Configure**	**20 days**
656	Update Liberty Utility main site with new link	1 day
657	Set up web frame for NG self service options links	3 days
658	Create web pages with content	20 days
659	Rebrand PDFs to reference Liberty Utilities	20 days
660	Source images where necessary	20 days
661	**Quality Assurance**	**37 days**
662	**User Acceptance Testing(Integrated Testing)**	**37 days**
663	**Test Plan**	**7 days**
664	Define Test Scope	3 days
665	Develop Testing/Scenario Scripts	3 days
666	Set up Test Management tool	3 days
667	Sign off on Test Plan	1 day

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	LU IT-Day N Planning Template–Meter to Cash	
ID	**Task Name**	**Duration**
668	**Test Environment**	**26 days**
669	IT set up test environment	0 days
670	Update with new content and pages	1 day
671	**Test Execution**	**11 days**
672	Test Execution	9 days
673	Test Cycle Reporting	9 days
674	User Acceptance Sign off	1 day
675	**Implementation**	**29 days**
676	**Promote systems**	**0 days**
677	Promote Website	0 days
678	**Verify promotion**	**0 days**
679	Smoke Test the new website	0 days
680	Check Point of Go Live Conversion	0 days
681	**Business Readiness**	**23 days**
682	**End user Training**	**23 days**
683	Develop training strategy	1 day
684	Obtain stakeholder sign off	1 day
685	**Training**	**10 days**
686	Create Training environment (use TEST)	0 days
687	Design and Develop Training	1 day
688	Deliver Training Material	1 day
689	**Day 270**	**206 days**
690	**Analysis**	**12 days**
691	Review self service options	5 days
692	Develop requirements document	4 days
693	Review Requirements document	2 days
694	Sign off requirements document	1 day
695	**Design and Configure**	**30 days**
696	Architecture and Layout design	30 days
697	Integration to CIS test	30 days
698	New web pages to be set up for self service options	30 days
699	Configuration of the options	30 days
700	**Quality Assurance**	**187 days**
701	Define Test Strategy	3 days
702	Sign off on Test Strategy	1 day
703	**Set up WEB Test Environment**	**2 days**
704	Integrate to CIS TEST	2 days
705	Add users and appropriate security	2 days
706	Add payment party	2 days
707	**Test Cycle**	**167 days**
708	**Test Scope**	**12 days**
709	Define test scope (include code modifications)	5 days
710	Build Scripts	4 days
711	Sign on test scope	1 day
712	**Test Execution and Planning (See CIS for Quality Assurance on Interface**	**137 days**
713	Interface Testing	22 days
714	Systems Integration Testing	91 days
715	UAT testing	12 days
716	**Performance testing**	**20 days**
717	Define test scope (include code modifications)	3 days
718	Set up data	3 days
719	Execute Tests	10 days
720	Test Execution Reporting	10 days
721	**Defect Management**	**137 days**
722	Log Defects	137 days
723	Assign defects to appropriate party	137 days
724	Test Defect fix	87 days
725	Defect reporting	137 days
726	Document open issues and workarounds	137 days
727	**Implementation**	**190 days**
728	**Cutover**	**41 days**
729	Create cutover checklist	2 days
730	Execute cutover checklist	7 days
731	Legacy Environment Shut Down	1 day
732	**Backup**	**1 day**
733	Backup the original site	1 day

ID	Task Name	Duration
	LU IT-Day N Planning Template-Meter to Cash	
734	**Verify Backups**	**1 day**
735	Verify backup	1 day
736	**Promote systems**	**1 day**
737	Promote Website	1 day
738	Set up CIS connection	1 day
739	Set up payment party	1 day
740	**Verify promotion**	**1 day**
741	Smoke Test the new website	1 day
742	Check Point of Go Live Conversion	1 day
743	Check Point of Go Live - Middleware and Integration	1 day
744	**Promote middleware**	**1 day**
745	Change necessary configuration for CIS change	1 day
746	**Promote middleware**	**1 day**
747	Change necessary configuration for CIS change	1 day
748	**Business Readiness**	**180 days**
749	**Change Impact Analysis**	**124 days**
750	Develop Inventory of all Change Impacts for all business groups	70 days
751	Communicate Impacts to Stakeholders & Target Groups	1 day
752	**Business Process design**	**4 days**
753	Design and Document processes and business rules	3 days
754	Obtain stakeholder sign off for business rules and process changes	1 day
755	**End user Training**	**100 days**
756	Develop training strategy	2 days
757	Obtain stakeholder sign off	1 day
758	**Training**	**87 days**
759	Create Training environment (use test environment)	0 days
760	Design Training	1 day
761	Develop Training Material	3 days
762	Deliver Training Material	2 days
763	**Incident and Issue management - Post go live**	**38 days**
764	Develop issue management strategy	1 day
765	Develop pre/post go live IT and application support staff requirement	1 day
766	Implement Go live staffing plan	18 days

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	LU IT-Day N Planning Template-Engineering and Operations	
ID	**Task Name**	**Duration**
1	**IT - Engineering and Operations - HIGHLY CONFIDENTIAL**	382 days
2	**Project Management**	330 days
3	Project Management	330 days
4	**Engineering and Operations**	321 days
5	**Engineering Design and Plant Equipment Planning Systems (ArcFM and Designer)**	214 days
6	**Initiation**	2.25 days
7	Kick off meeting	0.25 days
8	Core Team Training	2 days
9	**Analysis**	28 days
10	**Business Process Mapping**	12 days
11	Review Current Business Processes Meetings	3 days
12	Designer/Workflow Manager Functional Review	1 day
13	Develop System Implementation Design Document	2 days
14	Review System Implementation Design Document	5 days
15	Finalize System Implementation Design Document	1 day
16	Sign off on System Implementation Design Document	0 days
17	**Great Plains Integration Functional Requirements Definition**	12 days
18	GP Integration Requirement Sessions	2 days
19	Develop GP Integration Functional Requirements Document	4 days
20	Review GP Integration Functional Requirements Document	5 days
21	Revise GP Integration Functional Requirements Document	1 day
22	Approve GP Integration Functional Requirements Document	0 days
23	**Develop Design Symbology and Worksketch Templates**	4 days
24	Develop Design Symbol Test	2 days
25	Develop Work Sketch Templates	2 days
26	Sign off Design	0 days
27	**Configure**	47.5 days
28	**Develop Asset Integration into Financial Systems(Great Plains)**	10 days
29	**Component Specification**	10 days
30	Draft	4 days
31	Review	5 days
32	Revise	1 day
33	Sign off	0 days
34	**Integration Development**	24.5 days
35	Initial Development	15 days
36	**Prototype Review**	2.5 days
37	WebEx Review	0.5 days
38	Code Review	2 days
39	Final Development	7 days
40	Documentation	3 days
41	Test Plans	2 days
42	Packaging	1 day
43	**Configure Plant Equipment Planning System (Core ArcFM)**	5 days
44	Document Configuration	5 days
45	**Configure Engineering Design System (Core Designer)**	4 days
46	Document Configuration	4 days
47	**Compatible Unit Library**	10 days
48	Provide Utility CU Library	2 days
49	Initial CD Development in Workflow Manager	4 days
50	CU Workshop	2 days
51	Configure Extended Data Manager in Designer	2 days
52	**Quality Assurance**	17 days
53	**Test Strategy**	7 days
54	Define Test Strategy	5 days
55	Review Test Strategy	2 days
56	Sign off on Test Strategy	0 days
57	Set up Test Management tool	1 day
58	**Set up test environment**	2.5 days
59	Configure test environment	2 days
60	Add users to system	0.5 days
61	**Test Cycle**	10 days
62	**System Testing**	10 days
63	**Test Plan**	5 days
64	Define Test Scope	5 days
65	Develop Testing/Scenario Scripts	5 days
66	Set up Test Management tool	5 days
67	Sign off on Test Plan	0 days
68	Test Environment Prep	1 day
69	**Test Execution**	10 days
70	Data Selection	2 days
71	Test Execution	10 days
72	Test Cycle Reporting	10 days
73	**Defect Management**	10 days
74	Log Defects	10 days
75	Assign defects to appropriate party	10 days

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ID	Task Name	Duration
	LU IT-Day N Planning Template-Engineering and Operations	
76	Test Defect fix	10 days
77	Defect reporting	10 days
78	Document open issues and workarounds	10 days
79	**Implementation**	119.25 days
80	Operational readiness - cutover weekend plan	42 days
81	Develop cutover activity list	5 days
82	Execute cutover activity list(items to be documented)	3 days
83	**Production set up**	42 days
84	Configure server	1 day
85	Deploy ArcFM solution	1 day
86	Update configuration	0.5 days
87	Verify ArcFM Solution Installation	0.5 days
88	**Production Verify**	1 day
89	Perform smoke test	1 day
90	**End User Training**	50.25 days
91	Develop training strategy	1 day
92	Obtain stakeholder sign off on strategy	1 day
93	**Training**	50.25 days
94	Create Training environment	1 day
95	Design Training	1 day
96	**Develop training**	2 days
97	Working with ArcFM	2 days
98	Working with Designer	2 days
99	**Deliver Training**	9 days
100	Working with ArcFM	5 days
101	Working with Designer	4 days
102	Onsite Designer Support	20 days
103	**Geospatial (GIS) Systems (ArcFM Viewer for ArcGIS Engine)**	239 days
104	**Initiation**	1 day
105	ArcFM Viewer Core Team Training	1 day
106	**Analysis**	18.25 days
107	**Configuration**	9 days
108	Review Viewer and Extension Configuration Items	1 day
109	**Redlining & Inspections Configuration Document**	8 days
110	Develop Redlining & Inspections Configuration Document	2 days
111	Review and Comment on Redlining & Inspections Configuration Document	5 days
112	Revise the Redlining & Inspections Configuration Document	1 day
113	Approve Redlining & Inspections Configuration Document	0 days
114	**Configure**	9.25 days
115	**Configure ArcFM Viewer**	5.75 days
116	**Configure ArcFM Viewer Core Tools**	1 day
117	Configure ArcFM Viewer for ArcGIS Tools	1 day
118	Document Configuration	1 day
119	**Create and Configure Backdrop Geodatabase**	3 days
120	Create ArcFM for ArcGIS Engine Backdrop Geodatabase Schema	2 days
121	Generate Backdrop Geodatabase	0.25 days
122	Configure Backdrop Geodatabase	0.5 days
123	Document Configuration	1 day
124	**Create and Configure Login Database**	1 day
125	Populate 'MM' Tables	0.5 days
126	Create the 'Mobile ArcFM Sketch Layers' Stored Display	0.5 days
127	Create and Assign Registry Settings	1 day
128	**Redliner & Inspector Extension Configuration**	0.5 days
129	Configure Session Manager	0.5 days
130	Document configuration	0.5 days
131	**Geodatabase Replication Configuration**	3 days
132	Configuration	3 days
133	Document configuration	3 days
134	**Quality Assurance**	68.25 days
135	**Define Test Strategy and Plan**	4 days
136	Define Test Strategy	3 days
137	Set up Test Management tool	1 day
138	Sign off on Test Strategy	0 days
139	**Set up test environment**	45.5 days
140	IT set up server	0 days
141	Configure test environment	2 days
142	Add users to system	0.5 days
143	**Test Cycles**	28 days
144	**System Testing**	15 days
145	**Test Plan**	9 days
146	Define Test Scope	4 days
147	Develop Testing/Scenario Scripts	5 days
148	Set up Test Management tool	5 days
149	Sign off on Test Plan	1 day
150	**Test Environment Prep**	1 day
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ID	Task Name	Duration
151	**Test Execution**	**10 days**
152	Data Selection	2 days
153	Test Execution	10 days
154	Test Cycle Reporting	10 days
155	**SITE Acceptance Test (SAT)**	**28 days**
156	**Test Plan**	**15 days**
157	Define Test Scope	4 days
158	Develop Testing/Scenario Scripts	5 days
159	Set up Test Management tool	5 days
160	Sign off on Test Plan	1 day
161	Test Environment Prep	1 day
162	**Test Execution**	**9 days**
163	Data Selection	2 days
164	Test Execution	5 days
165	Test Cycle Reporting	5 days
166	Site Acceptance Sign off	0 days
167	**Defect Management**	**22 days**
168	Log Defects	22 days
169	Assign defects to appropriate party	22 days
170	Test Defect fix	10 days
171	Defect reporting	22 days
172	Document open issues and workarounds	22 days
173	**Implementation**	**127 days**
174	**Operational readiness - cutover weekend plan**	**40 days**
175	Develop cutover activity list	1 day
176	Execute cutover activity list(Items to be documented)	3 days
177	**Production set up (Installation and Configuration)**	**2 days**
178	Install & Configure Geodatabase Replication Onsite	2 days
179	Install & Configure ArcFM Viewer and Extensions	1 day
180	Perform smoke test	1 day
181	**End User Training**	**50 days**
182	Develop training strategy	5 days
183	Obtain stakeholder sign off on strategy	0 days
184	**Training**	**37 days**
185	Design Training	3 days
186	**Develop training**	**1 day**
187	ArcFM Viewer User Training	1 day
188	**Deliver Training**	**1 day**
189	ArcFM Viewer User Training	1 day
190	Rollout Support	20 days
191	**GIS Data Conversion**	**223 days**
192	**Analysis**	**19 days**
193	**Data Conversion Specification**	**19 days**
194	Prepare for Migration Spec Workshop	1 day
195	Migration Spec Workshop	3 days
196	**Complete Migration Spec**	**18 days**
197	Complete Migration Spec	4 days
198	Joint Migration Spec Review	10 days
199	Adjust Migration Spec	2 days
200	Sign off on Migration Spec	0 days
201	**Develop and Configure**	**54.25 days**
202	Develop and Test Conversion Routines	8 days
203	Develop reconciliation reports	8 days
204	**Set up conversion environment**	**21.25 days**
205	IT set up Conversion environment	0 days
206	Configure conversion environment (source system)	5 days
207	Configure conversion environment(target system)	5 days
208	Add users to system	1 day
209	**Quality Assurance**	**139 days**
210	**Define Test Strategy**	**6 days**
211	Define Test Strategy	4 days
212	Sign off on test strategy	0 days
213	**Set up test environment**	**2.5 days**
214	Configure test environment	2 days
215	Add users to system	0.5 days
216	**Execute Conversion**	**105 days**
217	**Conduct System Pilot**	**27 days**
218	System Pilot Conversion	4 days
219	Configure System Pilot	1 day
220	Identify Conversion Anomalies	2 days
221	Prepare QA Report	2 days
222	Joint Review System Pilot	15 days
223	Adjust Conversion Routines	3 days
224	**Full System Conversion 1**	**32 days**
225	Prep target environment	2 days

ID	Task Name	Duration
226	Convert Full System	6 days
227	Configure Full System	2 days
228	Identify Conversion Anomalies	2 days
229	Prepare QA Report	2 days
230	Review	15 days
231	Adjust Conversion Routines	3 days
232	**Full System Conversion 2**	**29 days**
233	Prep target environment	2 days
234	Convert Full System	6 days
235	Configure Full System	2 days
236	Identify Conversion Anomalies	2 days
237	Prepare QA Report	2 days
238	Data Review-QA	15 days
239	**Conversion Data Validation/QA**	**105 days**
240	Planning	5 days
241	Training	5 days
242	Reporting	82 days
243	Defect Management	82 days
244	Data Clean Management	85 days
245	Conversion data sign off	0 days
246	**User Acceptance Testing (UAT)**	**28 days**
247	**Test Plan**	**12 days**
248	Define Test Scope	5 days
249	Develop Testing/Scenario Scripts	5 days
250	Set up Test Management tool	5 days
251	Sign off on Test Plan	0 days
252	**Test Execution**	**16 days**
253	Data Selection	1 day
254	Test Execution	15 days
255	Test Cycle Reporting	10 days
256	User Acceptance Sign off	0 days
257	**SITE Acceptance Test (SAT)**	**54 days**
258	Prep Test Environment	1 day
259	**Test Plan**	**12 days**
260	Define Test Scope	5 days
261	Develop Testing/Scenario Scripts	5 days
262	Set up Test Management tool	5 days
263	Sign off on Test Plan	0 days
264	**Test Execution**	**39 days**
265	Data Selection	1 day
266	Test Execution	5 days
267	Site Acceptance Sign off	0 days
268	**Defect Management**	**34 days**
269	Log Defects	32 days
270	Assign defects to appropriate party	32 days
271	Test Defect fix	20 days
272	Defect reporting	32 days
273	Document open issues and workarounds	32 days
274	**Implement**	**88 days**
275	End business systems processing in legacy system	1 day
276	Develop cutover activity list	5 days
277	Execute cutover activity list(Items to be documented)	3 days
278	**Production Prep**	**86 days**
279	IT set up hardware and infrastructure	0 days
280	Execute conversion	2 days
281	**Production Verify**	**2 days**
282	Allow users into system	1 day
283	Validation data	1 day
284	**Control Room and Outage Management**	**289 days**
285	**Outage Management System /Dispatch**	**127 days**
286	**Analysis**	**5 days**
287	Develop business process	3 days
288	Sign off on Business Process	2 days
289	**Implementation**	**117 days**
290	**End User Training**	**117 days**
291	Develop training strategy	2 days
292	Obtain stakeholder sign off on strategy	1 day
293	**Training**	**110 days**
294	**Part 1 - SCADA**	**17 days**
295	Design Training	3 days
296	Develop training	2 days
297	Deliver Training	9 days
298	**Part 2 - Dispatch System(Wennsoft)**	**82 days**
299	Design Training	3 days
300	Develop training	2 days
301	Deliver Training	2 days

ID	Task Name	Duration
302	**GAS CONTROL - SCADA (Wonderware)**	**238 days**
303	**SCADA**	**238 days**
304	**Analysis**	**64 days**
305	**Gas control specs**	**64 days**
306	Determine screen shots for SCADA	42 days
307	Document gate station information required in SCADA	42 days
308	Document feeder station information required in SCADA	42 days
309	Document gas storage information required in SCADA	42 days
310	Document output (formulas, diagrams, etc.) required in SCADA	42 days
311	Document field instrumentation - I/O definition	1 day
312	Develop scope of supply document	0 days
313	Review requirements document	5 days
314	Sign off on scope of supply document with vendor	1 day
315	**SCADA Vendor Interface Review (AS-IS)**	**1 day**
316	SCADA Package definition	1 day
317	Field Devices Definition	1 day
318	Database	1 day
319	Design Network Server Infrastructure	1 day
320	**Configure**	**53 days**
321	Server Configuration	1 day
322	**SCADA configuration**	**12 days**
323	Review NG Configuration	2 days
324	Configure master SCADA configuration	2 days
325	Configure SCADA Tag Information	2 days
326	Configure HMIs	2 days
327	Configure WEB Scada	2 days
328	Document Configuration	2 days
329	**Port Configuration**	**38 days**
330	Vendor port NG SCADA configuration	21 days
331	Build operator stations	10 days
332	**Quality Assurance**	**132 days**
333	**Test Environment**	**55 days**
334	IT Build test environment	0 days
335	Add users	1 day
336	**System Integration Testing 1 (including Field?)**	**65 days**
337	**Test Plan**	**16 days**
338	Define Test Scope	5 days
339	Develop Testing/Scenario Scripts	10 days
340	Set up Test Management tool	10 days
341	Sign off on Test Plan	3 days
342	**Test Environment Prep**	**4 days**
343	**Test Execution**	**40 days**
344	Data Selection	2 days
345	**Test Execution**	**38 days**
346	Review of installed hardware and software(software versions, modules loaded, licens	30 days
347	Connection to all available networked devices	30 days
348	Test Server Configuration	30 days
349	Test Server Operation Fail over	30 days
350	Test Communications with Field Devices	30 days
351	Test SCADA HMIs	30 days
352	Test Web Interfaces	30 days
353	Test Alarming/Call Out	30 days
354	Test Polling interface	30 days
355	Other tests	30 days
356	System Performance	7 days
357	Test Cycle Reporting	38 days
358	**User Acceptance Testing (UAT)/(Site Acceptance Test)**	**30 days**
359	**Test Plan**	**11 days**
360	Define Test Scope	5 days
361	Develop Testing/Scenario Scripts	5 days
362	Set up Test Management tool	5 days
363	Sign off on Test Plan	1 day
364	**Test Environment Prep**	**2 days**
365	**Test Execution**	**13 days**
366	Data Selection	1 day
367	**Test Execution**	**13 days**
368	System SCADA Functions	10 days
369	Other tests	10 days
370	Test Cycle Reporting	10 days
371	User Acceptance Sign off	0 days
372	**Defect Management**	**69 days**
373	Log Defects	60 days
374	Assign defects to appropriate party	60 days
375	Test Defect fix	30 days
376	Defect reporting	60 days
377	Document open issues and workarounds	65 days

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ID	Task Name	Duration
378	**Implement**	**87 days**
379	**Training**	**35 days**
380	Develop Training	20 days
381	Deliver Training	10 days
382	**Business Readiness**	**50 days**
383	**Cutover**	**73 days**
384	Develop cutover activity list	51 days
385	Execute cutover activity	2 days
386	**Production preparation**	**48 days**
387	IT acquire and configure server	0 days
388	Build production system	1 day
389	Establish connectivity to polling server to RTU's	1 day
390	**Production Verify**	**1 day**
391	Smoke test	1 day
392	**Post Go Live Support**	**49 days**
393	Define post go live support resources	1 day
394	Deploy post go Live support resources	17 days

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IT Planning Template - ERP, Work order& Dispatch

ID	Task Name	Duration
	LU IT-Day N Planning Template-ERP, Work Orders and Dispatch	
1	ERP, Work Orders and Dispatch - HIGHLY CONFIDENTIAL	207 days
2	Planning & Scoping Phase	26 days
3	Planning & Scoping Meetings	24 days
4	IT Planning Meetings	6 days
5	Legacy System Mapping	3 days
6	Planning	1 day
7	Data Conversion Planning	5 days
8	Financial Planning	3 days
9	Operations Planning	4 days
10	Charter Preparation	2 days
11	Sign Off	1 day
12	Project Charter	1 day
13	Design & Configuration Phase	86 days
14	Technology	6 days
15	SQL & Application Installation	3 days
16	Documentation	2 days
17	Design & Configuration	86 days
18	Financials & Distribution	5 days
19	Job Cost	10 days
20	Service Management	10 days
21	Equipment Management	10 days
22	WorkPlace Requisition Management	10 days
23	Review	5 days
24	Data Conversion	15 days
25	Sign Off	0 days
26	Design & Configuration Phase Sign Off	0 days
27	Training & Testing Phase	116 days
28	Training	76 days
29	Overview & Security	4 days
30	Job Cost Cards	5 days
31	Receivables Management	4 days
32	Payables Management	4 days
33	General Ledger	4 days
34	Bank Reconciliation	4 days
35	Sales Order Processing	4 days
36	Inventory	4 days
37	WorkPlace Requisition Management	4 days
38	Purchase Order Processing	4 days
39	TimeTrack	4 days
40	Job Cost & FAAC	5 days
41	Fixed Assets	5 days
42	Service Management	5 days
43	Equipment Management	5 days
44	MobileTEC	5 days
45	Data Conversion Testing	5 days
46	Testing	41 days
47	Test Planning	5 days
48	Testing (Liberty Utilities Team)	41 days
49	Testing Support	10 days
50	Sign Off	0 days
51	Training & Testing Phase Sign Off	0 days
52	Deployment	32 days
53	Deployment Readiness	16 days
54	Go-Live Planning	5 days
55	Data Conversion "Pick Up"	5 days
56	Deployment Readiness Support	5 days
57	Go-live Support	10 days
58	Onsite Support	10 days
59	Project Management (project wide)	20 days

APPENDIX - B
Test Control Sheet

Test	Test Series / Type	Assigned To	Iteration	Status	Tester	Completed Date	Pass / Fail	Fail Severity	Issue	Details/config change	Detail Test Documents Link	Script Modified During testing
	General Ledger	Blank										
1	Create General ledger Accounts (Cards) Posting Accounts	Jennifer A	1	Not Started					For corporate only			
2	Create General Ledger Batch: Setup single use Setup recurring use Process Transactions: Enter standard journal entries Enter reversing journal entries Enter correcting journal entries Copy a journal entry Print batch edit report and validate posting entries Post batch(s) Verify postings using inquiries	Linda, Paul, Joe	5	Completed	Linda, Paul, Joe, Jim	2/27/2012, 3/9/2012	Pass		Failed Feb 27, Nolan IC module incorrectly generating IC transactions. Steve A deleted template and reimported. Tested Mar 9, IC module is correctly working			
3	Create a Quick Journal Template ID Print edit report and validate posting entries Process the Quick Journal	Linda, Paul, Joe Linda, Paul, Joe	2 2	Completed	Joe, Jim, Linda Joe, Jim, Linda	27/02/2012 27/02/2012	Pass Pass					
4	Create a SmartList	Linda, Paul, Joe	5	Completed	Joe, Jim, Paul	27/02/2012	Pass					
5	Export & Import Budgets • Multiple Fiscal Years • Departmental Budgets	Linda, Paul, Joe	1	Completed	Paul	27/02/2012	Pass					
6	Enter Budget Transactions	Linda, Paul, Joe	5	Not Started					For corporate only			
	Payables	Blank										
7	Create new vendors (Cards)	Rich F	5	Completed	Rich/Phyllis	02/03/2012	Pass					
8	Assign vendors to a class	Rich F	All	Completed	Rich/Phyllis	05/03/2012	Pass					
9	Create Payables Batch: • Setup single use • Enter Invoices • Enter Credit notes • Update GL distribution • Verify or assign payment terms • Fixed Assets Print batch edit report Post Batch	Paul, Joe, Linda	15	Completed	Joe	29/02/2012	Pass					
10	Create Payables Batch: • Setup single use • Enter Invoices • Enter Credit notes • Update GL distribution • Verify or assign payment terms Assign to Jobs Print batch edit report Post Batch	Paul, Joe, Linda	5	Completed	Paul, Joe, Jim	07/03/2012	Pass					
11	Print Historical Aged Trial Balance report >Payables>Reports>Trial Balance Review and verify reconciliation to GL >Financial>Routines>Reconcile To GL For a specific vendor For a specific date	Paul, Joe, Linda	3	Completed	Paul, Joe, Jim	29/02/2012	Pass		Reconciliation did not balance, due to setup of GL acct. Should not be setup as allow GL entry.			

12	Cheque Printing / Processing: Create Cheques Batch (Select what to pay) >Purchasing>Select Cheques Cheque selection based on terms Cheque selection based on range of vendors Print Cheques - All Chequebooks Verify cheque layout and alignment for cheques on actual printer to be used Reprint Cheques - All Chequebooks Post Cheques Batch	Paul, Joe, Linda	4	Completed	Joe	09/03/2012	Pass						
13	Void Transactions: • For an Open Transactions >Payables>Void Open Payables Txn> • For an Historical Transactions >Payables>Void Open Payables Txn> • Validate GL distribution	Paul, Joe, Linda	5	Completed	Paul	3/812	Pass						
14	Test Transactions Inquiry by Vendor after each batch posted.	Paul, Joe, Linda	All	Completed	Paul	09/03/2012	Fail	L	1099 Details does not show in 1099			
15	Print Payables Historical Aged Trial Balance after all batches are posted. Reconcile with AP Control Account	Paul, Joe, Linda	3	Completed	Paul, Joe, Jim	29/02/2012	Pass		same as script #11			
	Receivables	**Blank**										
16	Create new customers	Paul, Joe, Linda	5	Not Started					For corporate only			
17	Assign customers to active class	Paul, Joe, Linda, Rich F	All	Not Started					For corporate only			
18	Process Cash Receipts: Create a batch Apply Enter cash receipts Update GL distribution Print batch edit report and verify postings Post batch	Paul, Joe, Linda	10	Completed	Joe	09/03/2012	Pass					
19	Print Historical Aged Trial Balance report Review and verify reconciliation to GL	Paul, Joe, Linda	3	Completed	Joe	09/03/2012	Pass					
20	Voiding Cash Receipts Verify GL distribution	Paul, Joe, Linda	5	Completed	Joe	09/03/2012	Pass					
21	Create a SmartList	Paul, Joe, Linda	3	Completed	Joe	09/03/2012	Pass					
	Sales order processing (Misc Billing)	**Blank**										
22	Create Sales Batch (for Misc Billing): Setup single use Enter Item line information Verify tax calculations Update GL distribution Verify or assign payment terms Print batch edit report Post batch	Paul, Joe, Linda	5	Completed	Paul, Joe, Jim	2/29/12, 3/9/12	Pass					
23	Print invoices and verify layout	Paul, Joe, Linda	All	Completed	Paul, Joe, Jim	2/29/12, 3/9/12	Pass					
24	Create a SmartList	Paul, Joe, Linda	3	Completed	Joe	09/03/2012	Pass					
		Blank										
25	Create SOP Quote Assign to batch Assign each document line items to a Job & cost code	Chris B, Rich M Chris B, Rich M	6 6	Completed	Rich, Chris	3/6/2012, 3/8/12	Pass					
26	Transfer to an order Assign to batch Assign each document line items to a Job & cost code If Engineering changes date MUST update SOP Order	Chris B, Rich M	6	Completed	Rich, Chris	06/03/2012	Pass					

#	Description								Notes		
27	For back orders create Purchase Orders (SOP to POP)	Rich F	6	Completed	Rich	06/03/2012	Pass				
28a	Transfer Order to Invoice (post to Job)	Rich F	6	Completed	Rich	07/03/2012	Pass				
28b	Print pick ticket	Rich F	6								
	Allocate order	Rich F	6								
	Print batch edit report and verify postings										
	Post Invoice batch	Rich F	6								
	Validate inventory depletion	Rich F	All								
	Validate posted job cost transaction	Chris B, Rich M	All								
	Sales order processing	**Blank**									
29a	Create Sales Batch (for Over the Counter Inventory):	Rich F	6						To verify with Rich		
	Invoice (Type)										
	Issues (+)										
	Receipts (-)										
29b	Print batch edit report and verify postings	Rich F	All								
	Post Invoice batch	Rich F	All								
	Validate inventory depletion	Rich F	All								
	Validate posted job cost transaction (If applicable)	Chris B, Rich M	All								
30	Create a SmartList	All	3	Not Started					Not on testing agenda?		
	purchase order processing (Inventory)	**Blank**									
31	Run Historical Stock Status report and reconcile to Inventory Control Account _(Inventory → Reports → Activity → Historical Stock Status)_ Before ANY inventory transactions are made.	Rich F	3						To verify with Rich		
32	Enter Purchase Orders (try to use real examples)	Rich F	8 Gas 8 Electric	Completed	Rich	07/03/2012	Pass				
	• Standard										
	• Blanket										
	• PO Generator (Mins/Maxs)										
	Save/Commit										
	Assign to Jobs	Rich F	4 Gas, 4 Electric								
33	Print Purchase Orders and verify layout	Rich F	All	Completed	Rich	2/27/2012, 3/7/12	Pass				
34a,b	Create Purchasing Batches (Receiving Batch)	Rich F	5 each	Completed	Rich	07/03/2012	Fail	L	Steve A to add password protection		
	Enter Receiving Transactions	Rich F	All								
	Shipment Type										
	Partial and fully received										
	Print batch edit report	Rich F	All								
	Post batch	Rich F	All								
35	Run Historical Stock Status report and reconcile to Inventory Control Account _(Inventory → Reports → Activity → Historical Stock Status)_ AFTER inventory transactions are made.	Rich F	3	Completed	Rich/Joe	29/02/2012	Pass		sames as #45		
36a,b	Enter Invoice Match Transactions	Paul, Joe	All						To verify with Paul need scripts/backup		
	• Fully Invoiced										
	• Partially Invoiced										
37	Create Smartlists	Paul, Joe, Rich F	3 each						To verify with Paul		
	purchase order processing (Services)	**Blank**									
38	Enter Purchase Orders (try to use real examples)	Rich F	8 Gas 8 Electric	Completed	Rich	08/03/2012	Pass				
	• Standard										
	• Blanket										
	Save/Commit										
	Assign to Jobs	Rich F	4 Gas, 4 Electric								
39	Print Purchase Orders and verify layout	Rich F	All	Completed	Rich	08/03/2012	Pass				
40a,b	Create Purchasing Batches (Receiving Batch)	Rich F	5 each						To verify with Rich		
	Enter Receiving Transactions	Rich F	All								
	Shipment Type										
	Partial and fully received										
	Print batch edit report	Rich F	All								
	Post batch	Rich F	All								
41a,b	Enter Invoice Match Transactions	Paul, Joe	All						To verify with Paul need scripts/backup		
	• Fully Invoiced										
	• Partially Invoiced										
42	Create Smartlists	Paul, Joe, Rich F	3 each						To verify with Paul		

#	Task	Assigned	Count	Status	Tester	Date	Result		Notes
	Inventory control	**Blank**							
43	Add Inventory Item Various Item Classes	Rich F	5	Completed	Rich	27/02/2012			
44	Create Inventory Batch Enter Inventory Transactions – Adjustment & Variances Positive & Negative Print Batch Edit Report Post Inventory Batches	Rich F Rich F Rich F Rich F	1 5 All All	Completed	Rich	29/02/2012			
45	Run Historical Stock Status report and reconcile to Inventory Control Account *(Inventory → Reports → Activity → Historical Stock Status)* POST Inventory Transactions	Rich F	3	Completed	Rich/Joe	29/02/2012			
46	Create Stock Count	Rich F	2	Completed	Rich	08/03/2012			
47	Enter Stock Counts	Rich F	2	Completed	Rich	08/03/2012			
48	Process Stock Counts	Paul, Joe	2	Completed	Rich	08/03/2012			
49	Create Smartlists	Rich F	3						To verify with Rich
50	In-Transit Transfer via Truck • Ship Verify stock moved to Truck location	Rich F Rich F	5 All						To verify with Rich
51	Enter Receiving • In-Transit Inventory (Type) Post batch Verify stock moved from Truck to new warehouse location	Rich F Rich F Rich F	All All All						To verify with Rich
	Bank Rec	**Blank**							

52a,b	Enter Bank Transactions >Financial>Transactions>Bank Transactions
	   Enter transactions *(increase adj., and decrease adj.*
	   Void transactions >Financial>Transactions>Bank Transactions
		Joe	10						Not Applicable, to be done via Financial-transactions-general

53a, b	Enter Bank Deposit Transactions Enter/Edit cash receipt entries available for deposits Void	Joe	5						Not Applicable, to be done via Financial-transactions-general

54	Tick a range of Cheques
	   Enter a transaction to force a balance
	   Confirm GL in balance with Bank Reconciliation
									Not Applicable using Encore reconciler

55	Reconcile Bank Statement Enter Adjustments – Service Charge & Interest	Joe	1	In Progress					To follow with Joe

56	Search Bank Reconciliation Inquiry Screens
	   Cheque register
	   Chequebook balance
		Joe	3	In Progress					To follow with Joe

57	Create Banking Smartlists	Joe	3	In Progress					To follow with Joe
	Fixed Assets	**Blank**							

58	Payables Management Interface
	   Enter asset in payables (test 9)
	   Ensure the distribution line matches an account in the Fixed Asset
	   Purchasing Post Accounts setup window
	   Add asset
	   Add to the book
		Geraldine	3						To verify with Geraldine, need backup

59	Retire an asset	Geraldine	3	Not Started					
60	Use the Asset Inquiry - General window to view information about an asset	Geraldine	5	Completed	Geraldine	29/02/2012	Pass		
61	View an Asset Inquire Purchase	Geraldine	3						To verify with Geraldine
62	Depreciate multiple assets	Geraldine	All	Completed	Geraldine	29/02/2012	Pass		
63	Use the Fixed Assets General Ledger Posting window to specify the records to be included in a batch of journal entries and then transferred to the GL (Run	Geraldine	3						To verify with Geraldine
64	Print and Post the Fixed Asset Batch in General Ledger batches	Geraldine	All	Completed	Geraldine	29/02/2012	Pass		
	Job cost	**Blank**							

65	Create Jobs:
	   Manual
	   Copy from Template
	   All scenarios
	   All divisions
	   Add Cost Codes
	   Add Estimates
		Chris B, Rich M	10 Gas
			10 Electric
				Completed	Rich M, Chris	2/27/12, 3/7/12	Pass		

66	Enter Invoices
	   Check/change the taxes
	   Check/change the total invoice
	   Add in a description
	   Verify Invoice layout
		Linda, Joe, Paul	5	Completed	Paul	29/02/2012	Pass		

67	Post Invoice Batch in GP Verify GL accounts Breakout revenue accounts if needed	Linda, Joe, Paul	All	Completed	Paul	29/02/2012	Pass		
68	Close Jobs (Ensure 5 are capital jobs)	Linda, Joe, Paul	10	Completed	Geraldine	09/03/2012	Pass		

69	Run the FAAC
	
	   • Ensure Assets created = Job Totals
	   • Add GIS # onto Asset Card
		Geraldine	5	Completed	Geraldine	2/29/12, 3/9/12	Pass		Feb Faac did not work, Mar: Tested 3 jobs, 1 job worked, others did not due to 1) job was not capital, 2) major item had qty zero

70	Run reports	All	5						
	Time track	**Blank**							
71	Time Card Entry Multiple Employees All Paycodes Enter Asset Time for all assets All transaction types	Linda, Joe, Paul	10 batches	Completed	Diane	2/29/12,3/7/2012	Pass		
72	Commit Time Card Confirm output report accuracy	Linda, Joe, Paul	All	Completed	Diane	2/29/12,3/7/2012	Pass		
73	WennSoft Payroll Posting Confirm GL Distribution Confirm cost allocation to Jobs WennSoft Financial Posting	Linda, Joe, Paul	All	Completed	Diane	2/29/12,3/7/2012	Fail	L	Security Access - could not print edit list batch, before posting the job - Steve A to fix
74a, b	Reports & Inquires	Linda, Joe, Paul	3	Completed	Diane	2/29/12,3/7/2012	Pass		
	GL Integrations	**Blank**							

75	Integration Manager
	Import Customer Refunds
	   Print detailed integration logs validating:
	     Number of transactions imported
	     Number of transactions that failed to import
	     Control totals
	Payables Batch
	Print batch edit list
	Compare totals to NG System export (count and dollar)
	
	Batch Posting
	Post batch
	Confirm batch successfully posted
	Print GL batch posting journal
		Steve Antolos
		
		Linda
		
		Linda
			10 Uploads
			
			All
			
			All
									To confirm with Steve A

76	Reports & Inquires Print detailed trial balance for accounts effected by the integration Produce SmartLists for verification	Linda	All						

77a, b	Import - Job Creation
	   • Verify accuracy of cost codes
	   • Verify accuracy of estimates
		Chris B, Rich M, Joe, Paul	All						

78	SOP Bill of Materials from Imported Job • Verify accuracy	Chris B, Rich M, Joe, Paul	All						

APPENDIX - C
Test Script Sample

Sample Test Script

Liberty Utilities
GP2010 Installation
Test Plan

Area:	Job Cost
Assertion(s):	Functionality
Test Ref #	65

Purpose:	To test the creation of Jobs
Test plan approved by:	
Test Performed by:	CABrouillard
Assigned GP Role:	
Test Performed date:	Nov 8/12
Test Iterations:	10

Test Inputs: Job creation of 20 Jobs, 10 Gas and 10 Electric, minimum of 5 Capital for both Gas & Electric

Test Procedure & expected result.

1	Log in as user that does have the ability to see WennSoft Job Cost Cards
2	Enter Job Template
3	Copy to new Job Number with company prefix
4	Enter Job Description
5	Enter Project Number
6	Enter Division
7	Select Customer ID & Location
8	Enter Additional Job Information in Extender window
9	Verify Cost Codes are complete, make any changes
10	Enter Estimate on Cost Codes
Pass / Fail	

Test Results

Test Iteration	1	2	3	4	5	6	7	8	9	10	Pass / Fail	Issue	Expected result
1	✓												
2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
7	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	F	① ②	
10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			

① Lack of Expense Cost Codes
② Lack of Water Heater Cost Codes

Overall Test Conclusion:

Reviewed by:	J Aguir
Date:	3/8/12
Approved by:	
Date:	

APPENDIX - D
Project Change Request Form

Project Change Request Form

Project Name: *<Project Name>*
Project Manager: *<Name>*
Change Requested by: *<Name, Title>*
Contact Information: *<Email address, telephone #>*
Change Request date: *<MM/DD/YYYY>*

Change Request Details and Change Impact:

Description of Change:

Reason for Change/Justification: *<State why this change must be made>*

Requested Implementation Date: *<MM/DD/YYYY>*   Critical Change? Y ☐   N ☐

Scope Impact:
Expand ☐   Reduce ☐   Clarify ☐   None ☐

Comments: *<Will the change increase or decrease the scope/work of the project as defined in the Project Charter? Which project deliverable is impacted by the change and how?>*

Schedule Impact:
Lengthen ☐   Shorten ☐   None ☐
Comments: *<Is there enough lead-time to incorporate this change? How will it affect the current schedule?>*

Resources Impact:
Increase ☐   Decrease ☐   None ☐
Comments: *<Will additional resources need to be added to the project to implement this change? What type of resources, i.e./ Technical IT, Financial (accountants), SME's, other? How many?>*

Budget:
Increase ☐   Decrease ☐   None ☐
Comments: *<Will the change adversely or positively impact the CAPEX allocated for this project and subsequent operating costs?*

Approver Information:

Approver Name:	*<Name>*
Role	*<Role>*
Approver Name	*<Name>*
Role	<Role>
Approver Name	*<Name>*
Role	<Role>
Deliverable Name	<Item affected by change>
Recommended Action	Approve ☐ Reject ☐
Approver Comments	*<Comments>*
Change Request #	

Approver Signature:_____Date:_____

Approver Signature:_____Date:_____

Approver Signature:_____Date:_____

Project Manager Information:

<Name>

Signature:_____Date:_____

APPENDIX - E
Governance Report

Granite State and Energy North
Governance Update

For the Week of March 5 to March 9, 2012

Version - August 1, 2012

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Overall Project Update – Functional Area

Project	Overall Update	Status
Customer Service	Project is tracking to success	🟢
Energy Procurement	Project is tracking to success	🟢
EHS&&S	Project is tracking to success	🟢
Finance	Project is tracking to success	🟢
Human Resources	The issue regarding benefits has been resolved, but still work to be done – TSA is in place for Day 1	🟡
Information Technology (National Grid)	Project is tracking to success – no major obstacles at this time	🟡
Information Technology (Liberty Energy)	Project is tracking to success	🟢
Operations	Project is tracking to success	🟢
Regulatory	Project is tracking to success	🟢

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Great Plains Application Project Update

Project	Overall Update	Status
Dynamics Great Plains	Project is tracking to success	🟢

Project Update
- All forms completed and approved
- Perform end user unit testing (Mar 7,8,9) for Electric (Finance, Operations, Procurement, IT)
- Created data upload plan (round 4)
- Continue to develop the automation of overhead allocations (administration, transportation and stores) to capital jobs

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Information Technology Project Update
(National Grid)

- *National Grid*
  - Concluded the processing of application access feedback from Liberty business staff and National Grid business owners. All feedback was consolidated and will be sent out to transferring employees and business owners next week. A formal process to capture any requests prior to Day-1 close has been put in place.
  - Held a Network & Telecommunications meeting with Liberty to review current activities and to recast Liberty Network staging and cutover dates.
  - Held a TSA review meeting between National Grid and Liberty IS teams. Primary and secondary contacts were confirmed. Language for support of the GAS SCADA systems will be added to the IS TSA and sent to Legal.
  - Held internal National Grid IT meeting with named leads for the TSAs. Ownership of services and process for charging of services were discussed and confirmed. Leads are to fill out template provided and return to the project team within a week.
  - Provided a detailed status update to the National Grid IS Leadership Team.
  - Awaiting feedback from Customer Accounting on designs and samples in support of the recent set of requirements.
  - Held National Grid Payroll discussion as it relates to the National Grid General Ledger.
  - Participated in Telvent Kickoff Meeting.
  - Participated in series of pre-meetings for upcoming Customer Workshop.
  - Drafted High Level Financial Processes Transition Flows and have begun to share with National Grid business for feedback.
  - Agreed to specifics for next test of Financial Data Extracts.
  - Met with WIPro Integration Services team on secure file transfers and adjusted their scope to reduce costs. Project team will handle all one-time transfers, WIPro Integration Services team will implement solutions for all on-going transfers.

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Information Technology Project Update
(Liberty Utilities)

- *Liberty Utilities*
  - Meeting with National Grid IT , updated project status , review remaining tasks prior to close
  - Discussion on National Grid to Liberty Utilities data transfers for SharePoint, files, and email
  - Telvent Meeting for project kick off
  - Liberty SharePoint server , IMS Server , in configuration stage
  - Meetings with Copier/printer vendors for New Hampshire offices
  - Adjusted Day N dates for network transition , May 7 to June 23 cutovers

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Status Updates by Functional Area

- *Energy Procurement*
  - Attended the Supplier/Broker Training conference call with Hicksville for Granite State
  - Gastar contract finalization work
  - Follow-up with National Grid on new meter agreement
  - Attended Cogsdale training seminar to see interface issues with billing and customer choice programs
  - GSE access to RFP issue resolved, we are not allowed to see it this round but will be involved in the next RFP round
  - Procurement team will be involved in Telvent scoping sessions slated to start 3rd week of March in MDS (Pulse replacement), gas control

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Status Updates by Functional Area

- *Regulatory*
  - JOINT Master Regulatory Requirements Workbook ("MRRW") r.3 completed 3/9 (to include TSA's)
    - Kit rollout scheduled for 3/19ᵗʰ National Grid and Liberty Utility Business Leads
      - MRRW
      - Instructions to Business Unit Leads
    - Sign-Off from both National Grid and Liberty Utilities Functional Leads as to accuracy roles/responsibilities/ contact/ regulatory information, etc.
  - Centralized Repository:
    - Centralized Repository for Compliance Filing Management System: Tom Birmingham, following up with Celia Obrien, for electronic copies of all required reports, to be "dropped" into above folders.
  - Staffing:
    - Interview and Selection of Compliance Administrator Position – Awaiting Offer and Acceptance

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Status Updates by Functional Area

- *Finance*
  - Completed second week of testing with BDO and Liberty.
  - Meeting on accounting for DSM activities with Eric Stanley and National Grid 'sBrian Pelletier
  - Meeting with National Grid on cash settlement of CSS, CRIS and Daily cash. This is not resolved. Another meeting is scheduled for next week
  - Investigated the possibility of using hand held devices for entering time. We are still looking for an efficient way to handle union time sheets.
  - Met with National Grid regarding data downloads/data refresh and verification of totals. Responsibility is moving from BDO to Liberty Canada.
  - Discussed pre-capitalization of transformers and the process pit falls. Liberty East will pre-capitalize transformers.
  - Provided list of burdens requirements to Jennifer Agris for discussion

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Status Updates by Functional Area

- *Procurement*
  - TSA Review sessions were held with the National Grid Fleet and Procurement areas. Fleet needs post Day One are expected to be minor, TSA will be in effect for potential repairs to vehicles with specialized equipment. It is not expected for the TSA to go beyond October 1 2012. Expectations for Procurement TSA were discussed. For sourcing events in progress, national Grid will see those through, for any new sourcing events, Liberty will assume responsibility of them.
  - 3rd Party Contracts : I spoke with Shannon Coleman on some third party contracts for review. Legal seems to be in a better position in reviewing these as a resource has come aboard to help.
  - Gas Leak Survey bids received for NH. National Grid procurement is evaluating and making a recommendation for the NH area.
  - Electrical materials bid- Meeting held last week on Electrical supplies bid. This will be put out this week to potential suppliers.
  - Inventory process post Day One was discussed with NH Gas Construction team on March 2. Proposal for process to be built this next week.
  - Issues:
    - Property records indicate $871,000 balance of Gas Meters in National Grid's Massachusetts Wilmington location. This number is very high- we estimate approximately $50-$75K balance of meters physically at Wilmington.
    - Third Party Contracts are still being obtained and reviewed.

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Status Update by Functional Area

- *Customer Service*
  - Website feedback from Customer Care NH has been provided to Pilot PMR.
  - Collections awaiting Day 1 confirmation so the O/B call vendor can record and test collections scripts (2 weeks needed). Minor revisions made to the existing scripts. Copies are available upon request.
  - Customer Care NH staff participated in the first of three weeks of Cogsdale overview and business process review sessions in Oakville with representatives from Cogsdale and ATMOS.
  - Participated in an overview meeting for the GasStar system. More information is needed on how GasStar will integrate or be impacted by Cogsdale and other Liberty systems.
  - TSA review meeting scheduled week of 3/12.
- *Meter (Load) Data Services:*
  - LDS Group contributed to the development of the site agreement, part of the interconnection agreement with Legal, Energy Procurement and National Grid
  - Kelly Goodwin observed National Grid MDS personnel performing daily functions in Syracuse W/E 02/25
    - Electric Interval Operation
    - Electric Non-Interval Operations
  - Held a meeting with National Grid gas operations people to review the Gas meter to Cash process flow from an MDS perspective W/E 02/25
  - Continue to document National Grid MDS electric and National Grid Gas Operations process flows
  - Kelly Goodwin participating in Cogsdale sessions representing metering and meter data services

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Status Update by Functional Area

- **Marketing and Communications:**
  - Day 1 Communications plans are in place. There will be some revisions to the documents pending final resolution of brand messaging changes by Pilot PMR and sign off by Liberty.
  - Day 1 Change Management Team meetings continue. Due dates for specific items will be adjusted pending updates to the NHPUC approval process.
- **Sales and Marketing:**
  - Developing standard gas sales activity and lead tracking reports to leverage going forward.
  - Business case submitted to support recruiting for Sales Manager position
  - TSA review meeting completed
- **Energy Efficiency Programs:**
  - Submitted 2012 gas program budget proposal revisions to the NH PUC.
  - Finalized C&I gas large customer event schedule (dates - 4/2 & 4/5); distributing invitations to customers.
  - Resolving inDemand program issues (program savings calculations, missing program apps for properly allocating activities).
  - Continued with EE analyst interviews and phone screening
  - On-going C&I gas marketing activities - 80+ new project leads created over past two weeks.
  - TSA review meeting completed
  - NH Staff participated in the NH Home Show in Manchester, NH from March 2-4, to showcase our EE programs.

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Status Updates by Functional Area

- *Environment, Health, Safety and Security (EHSS)*
    - Environmental
        - Attended prep meeting for Liberty Hill SIR site. Meeting with state in Concord March 12th;
        - Attended NH State NHDES refresher training.

    - Health and Safety
        - No new updates this week

    - Security/Facilities
        - Toured Salem, Nashua and Manchester facilities with C-Cure vendor, C-Cure 9000 a possible AMAG replacement;
        - Conference call held with project managers for temporary site and for building renovations;
        - Lease for temporary space is agreed to by Landlord and Liberty and should be signed shortly;
        - Furniture is being ordered for temporary space

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Status Updates by Functional Area

- *Human Resources*
  - Staffing
    - Filled 1 gas and electric controller position in Operations department. Candidate to begin work 3/26/12. Extended offers for gas/electric controller, load forecast analyst, and gas supply planner positions
  - Benefits
    - 401k make-up sessions completed. Employee elections to be returned by 3/16/12. Presented benefit plans to CEO. Met with USW and IBEW leadership to present benefit plans. All issues resolved with USW. Follow-up meeting with IBEW scheduled for next week; preparing material for Open Enrolment meetings to be scheduled week of 3/19.
  - Pension
    - No new updates this week
  - Payroll
    - Reached agreement with USW to change payroll pay date from Thursday to Friday. Pending final meeting with IBEW, anticipate agreement with this change as well.
  - Training
    - Annual Expert Training (AET) for NH employees scheduled and in progress in Millbury, MA. Received training records from Learning & Development for all NH employees; currently being reviewed by Technical Trainers.

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Status Updates by Functional Area

- **Operations**
  - Meter Shop (Electric)
    - ➢ No further tasks required for day 1 – team is ready
  - Substation Maintenance
    - ➢ No further tasks required for day 1 – team is ready
  - Vegetation Management
    - ➢ No further tasks required for day 1 – team is ready
  - Damage Prevention (Electric)
    - ➢ No further tasks required for day 1 – team is ready
  - Compliance, Quality & Emergency Planning
    - ➢ No further tasks required for Compliance for day 1 – team is ready
    - ➢ No further tasks required for Quality for day 1 – team is ready
    - ➢ No further tasks required for Emergency Planning for day 1 – team is ready
  - IR Testing
    - ➢ No further tasks required for day 1 – team is ready
  - Rubber Goods Testing
    - ➢ No further tasks required for day 1 – team is ready

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Status Updates by Functional Area

- *Operations (con't)*
  - Engineering
    - ➤ User Acceptance testing for electrical material, work processing, and financial processing was completed on 3/7, 8, 9.
  - Gas & Electric Control and Dispatch
    - ➤ No further tasks required for day 1 – team is ready
  - Damage Prevention (Gas)
    - ➤ No further tasks required for day 1 – team is ready
  - Meter Shop (Gas)
    - ➤ No further tasks required for day 1 – team is ready

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Issue and Risks

- **Energy Procurement** – Meter Data Services
  - ➤ Demarcation lines are being addressed – where does Liberty Utilities start to own and where does NEP ownership end
- **Energy Procurement** – New meter domain
  - ➤ Design creates un-metered load value which may result in significant incremental costs to GSECo once the new meter domain is implemented
  - ➤ Update - Reached basic agreement with NEP, that NEP will continue as Host meter participant. National Grid legal is working on metering agreement which should be completed by mid-March.

6/10/2011   16

APPENDIX - F
Application Inventory

NG Application Domain	Liberty Day 2-N Project Plan	Liberty Day 2-N Implementation	Application Name	Also Known As (AKA)	Description
Shared Services	Day 1	Accounts Payable	ACIS	Automated Contractor Invoicing System	Automated invoicing for Alliance Contractors based on tracking of completed contractor units (negotiated units of work)
Shared Services	Day 1	Accounts Payable	Apimg	Document Imaging / Microfilm	AP Invoices are sent to Records Center, where they are scanned and an image file (.TIF) created. A monthly Oracle extract is used to create metadata, which is imported into the Oracle database that supports the application. The invoice image is linked to the metadata. An MS-ACCESS application was built internally to act as the 'Front-End' for accessing the data and providing a means to open the linked image file.
Shared Services	Day 1	Accounts Payable	Oracle Financials - Accounts Payable	Oracle Supply Chain	Oracle Financials Accounts Payable module.
Shared Services	Day 1	Accounts Payable	Oracle Financials - Order Management	Oracle Supply Chain	Oracle Financials Order Management module.
Shared Services	Day 1	Accounts Payable	Peoplesoft - Accounts Payable		Accounts Payable, Expense Reporting and Procurement Card - included in Peoplesoft Financials Supply Chain 8.4
Shared Services	Day 1	Accounts Payable	Peoplesoft - Order Management		Order Management used to support the investment recovery process
Shared Services	Day 1	Accounts Payable	Peoplesoft - Purchasing		Purchasing, eProcurement - these are included in Peoplesoft Financials Supply Chain 8.9
Shared Services	Day 1	Accounts Payable	XignAccess		
Shared Services	Day 1	Accounts Payable	Xign-Einvoice	XigneInvoicing Solution	This is an Order-to-Pay solution externally-hosted by JPMorgan/Xign that provides automation of order delivery, invoice processing and payment through ACH by integrating with existing Oracle ERP system, a 3-way match will occur.
Shared Services	Day 1	Environmental, Health & Safety	Dolphin	Dolphin MSDS	Material Safety Data Sheets (MSDS) Hotline/Online. OSHA requires manufacturers of hazardous chemical products to provide safety and health information on their products through the use of Material Safety Data Sheets.
Shared Services	Day 1	Finance	Oracle		

Shared Services	Day 1	Finance	Oracle Financials - G/L	Oracle Financial System Software-GL	Oracle Financials modules for include: General Ledger,
Shared Services	Day 1	Finance	Oracle Financials - Projects	Oracle Financial System Software	Oracle Financials modules which include: Projects
Shared Services	Day 1	Finance	Oracle Financials Access Request	Oracle Request for Access	Oracle Request for Access
Shared Services	Day 1	Finance	Oracle Financials Application Suite	Oracle Financials and Supply Chain	ERP Supply Chain and Financials packaged solution.
Shared Services	Day 1	Finance	Peoplesoft - Accounts Receivable/Billing		Peoplesoft Financials is a term uses to encompass all financial-related components (sub-systems) of the Peoplesoft application, including general ledger, PS Budgeting, accounts receivable, etc.
Shared Services	Day 1	Finance	Peoplesoft - Budgeting		Peoplesoft Financials is a term uses to encompass all financial-related components (sub-systems) of the Peoplesoft application, including general ledger, PS Budgeting, accounts receivable, etc.
Shared Services	Day 1	Finance	Peoplesoft - General Ledger	PeopleSoft GL	Peoplesoft Financials is a term uses to encompass all financial-related components (sub-systems) of the Peoplesoft application, including general ledger, PS Budgeting, accounts receivable, etc.
Shared Services	Day 1	Finance	Peoplesoft Application Suite		Application suite for PeopleSoft ERP package.
Shared Services	Day 1	Finance	Pillar	Pillar Corporate Direct Budget Input System	Corporate direct budget input system
Shared Services	Day 1	Finance	Power Plant - Fixed Assets - Asset Management	PowerPlant - Fixed Assets	PowerPlant fixed assets system - Asset Management module
Shared Services	Day 1	Finance	Power Plant - Fixed Assets - Cost Repository	PowerPlant - Fixed Assets	PowerPlant fixed assets system - Cost Repository module
Shared Services	Day 1	Finance	Power Plant - Fixed Assets - Project Management	PowerPlant - Fixed Assets	PowerPlant fixed assets system - Project Management module

Shared Services	Day 1	Finance	Power Tax	PowerPlant - Power Tax	PowerTax cases were implemented in production on 9/2009. Power plant system used to calculate various costs in the tax returns. Walks through assets , and closed work orders
Shared Services	Day 1	Finance	Powerplant - Plant Accounting		Plant Accounting uses PowerPlant to manage project cost accounting and the financial life cycle of all NG USA's assets. There is a key interface between PowerPlant and Storms, where PowerPlant provides new Work Order numbers.
Shared Services	Day 1	Finance	Powerplant - Powertax		Tax depreciation and deferred tax system for the utility industry. Deferred taxes are maintained for deferral accounting and FAS109 liability accounting. PowerTax processes tax depreciation, book tax basis reconciliation, and deferred income taxes.
Shared Services	Day 1	Finance	Powerplant - Property Tax		Used to calculate Real Estate property tax and verify incoming real estate tax bills. Will also replace PTARS to support NY's Property Tax Challenge program.
Shared Services	Day 1	Finance	Powerplant Application Suite		It is a financial system and used for Accounting & Tax Calculations. Capital Asset Tracking system.
Shared Services	Day 1	Finance	Powerplant-Ks	PowerPlant - Fixed Assets	KSE instance of Powerplant application Suite
Shared Services	Day 1	Finance	Powerplant-Ng		The legacy NG-US instance of Powerplant application suite
Shared Services	Day 1	Finance	PowerTax		part of the powerplant suite , additional module for federal tax returns -
Shared Services	Day 1	Finance	Property Tax	PowerPlant Property Tax	Provides functionality to manage KSE property tax renditions, allocations and bills.
Shared Services	Day 1	Finance	STS	STS Corporate	Sales and use tax determination system
Shared Services	Day 1	Finance	Vertex Sale Tax Q Series		This software is used in conjunction with the PeopleSoft Misc Billing application to calculate sales tax on the invoices we produce.
Shared Services	Day 1	HR & Payroll	Annual Salary And Bonus Review	GPCS	Supports the annual salary and bonus review process by providing managers with facility to enter performance ratings, salary and bonus recommendations as part of the annual

					review.
Shared Services	Day 1	HR & Payroll	Benefits Admin [KeySpan]	PeopleSoft - Benefits Admin	PeopleSoft Package for Benefits
Shared Services	Day 1	HR & Payroll	Benefits Admin [NGUS]	PeopleSoft - Benefits Admin	PeopleSoft Package for Benefits
Shared Services	Day 1	HR & Payroll	BONY / Retiree Payment	BONY/Retiree Payroll	Bank of NY is an external vendor responsible for retiree payroll pension for legacy Keyspan. System of record for the most up-to-date retiree info, such as addresses (home and mailing), payout data and deduction info. Receives information from Watson Wyatt (Pension Administrator) and Keyspan PS HR. Has multiple Interfaces with Keyspan PeopleSoft HR system.
Shared Services	Day 1	HR & Payroll	Candidate Gateway [KeySpan]	PeopleSoft - eRecruiting	PeopleSoft Package Candidate Gateway
Shared Services	Day 1	HR & Payroll	Criterion		Affirmative Action Plan - Employee level data is sent to this application via an interface from PS so I'm not sure that it needs to be included in the business criticality assessment. Ensuring that the interface from PS accommodates any changes or new data would need to be estimated with all other PS interfaces if the application is used in the new company.
Shared Services	Day 1	HR & Payroll	Erecruiting	PeopleSoft - eRecruiting	PeopleSoft Package eRecruiting
Shared Services	Day 1	HR & Payroll	Hr Admin [KeySpan]	PeopleSoft - HR Admin	PeopleSoft Package HR Admin
Shared Services	Day 1	HR & Payroll	Hr Admin [NGUS]	PeopleSoft - HR Admin	PeopleSoft Package HR Admin
Shared Services	Day 1	HR & Payroll	HR1FORM	Manage resourcing	This is an internal application for National Grid

Shared Services	Day 1	HR & Payroll	Manager Selfservice	PeopleSoft - Manager SelfService	PeopleSoft Package Manager SelfService
Shared Services	Day 1	HR & Payroll	Mercer Benefit Administration	Mercer Benefit Administration	Externally hosted system provided by Mercer. Responsible for Administration of medical, dental, FSA, legal, and other flexible benefits, including 3rd party vendors interfaces. Self-service tools provides employee with ability to enroll / change enrollment during enrollment period. Has interfaces to and from both PeopleSoft HR systems (eligibility data to Mercer, payroll deductions from Mercer). Interfaces are supported by DhalbirDhaliwal group.
Shared Services	Day 1	HR & Payroll	Payroll [KeySpan]	PeopleSoft - Payroll	PeopleSoft Package Payroll
Shared Services	Day 1	HR & Payroll	Payroll [NGUS]	PeopleSoft - Payroll	PeopleSoft Package Payroll
Shared Services	Day 1	HR & Payroll	Peoplesoft	PeopleSoft HR	Core HR system used for Ex Keyspan staff. Application that performs payroll processing; training Module tracks Safety&Tech courses required by specific job codes as well as tracks courses taken and courses required; HR/Benefits Admin , Payroll and Employee self-service; eProfile, eBenefits, ePayroll, eRecruit and eDevelopment.
Shared Services	Day 1	HR & Payroll	PeoplesoftHr Ng		Core HR, Benefits, Payroll system used by Legacy National Grid US staff. Application that performs payroll processing. Training Module tracks Safety & Tech courses required by specific job codes as well as tracks courses taken and courses required.
Shared Services	Day 1	HR & Payroll	Performance 4 Growth	P4G	P4G supports the performance for growth process within National grid which enables all employees to record and manage their objectives and performance online.
Shared Services	Day 1	HR & Payroll	Planned Salaries	PeopleSoft - Planned Salaries	PeopleSoft Package Planned Salaries

Shared Services	Day 1	HR & Payroll	Plateau Learning Management System	Plateau LMS	Externally Hosted System, provided by Plateau Inc., provides Professional Development and Technical Development group with ability to administer training. Self-Service tool provides employees an ability to register for the sources, as well as gives an opportunity for managers of others to review their subordinates training progress. Used for eLearning content streaming within US. Has Interfaces from both US PeopleSoft HR systems (employee data and organizational hierarchy).
Shared Services	Day 1	HR & Payroll	Salary Planning	Global Performance and Compensation System (GPCS)	Application used during the annual salary planning process. Used to determine merits, promotions and bonus amounts for ICP& non ICP personnel. Compensation Statements are also generated from the system. This app interfaces with PeopleSoft HR/Payroll.
Shared Services	Day 1	HR & Payroll	Smarti	SmartTime	Rule based process that converts Time Entry into Pay Details based on employee information and union contract agreements. Currently system handles 22 union contracts along with management rules for 32 companies.
Shared Services	Day 1	HR & Payroll	T.Rowe Price / PenAdmin Support	Pension Administrator - T.Rowe Price	External Service provider responsible for NG US employees' Pension Administration. Interfaces with legacy NG US PeopleSoft HR system.
Shared Services	Day 1	HR & Payroll	Tes	Time Entry System	System used by employees to record their time. Time Entry interfaces with the PeopleSoft HR System to provide hours for payroll processing. Time for certain groups-STORMS and IT personnel-are provided to Time Entry via the STORMS and Planview interfaces.
Shared Services	Day 1	HR & Payroll	Training Admin [Keyspan]	PeopleSoft - Training Admin	PeopleSoft Package Training Admin
Shared Services	Day 1	HR & Payroll	Training Admin [NGUS]	PeopleSoft - Training Admin	PeopleSoft Package Training Admin
Shared Services	Day 1	HR & Payroll	Turningpoint 2008		Application used to conduct interactive classroom session, utilizing Audience Response System (ARS).

Shared Services	Day 1	HR & Payroll	Turningpoint Anywhere		Application used to conduct interactive classroom session, utilizing Audience Response System (ARS).
Shared Services	Day 1	HR & Payroll	Vactrack	Vacation Tracking system	Application utilized to record Employee Data, Daily Attendance, Payroll History, Reference Data Maintenance, Business Rules Update and Reporting
Shared Services	Day 1	HR & Payroll	Vanguard	401(K) Administration	External Service Provider responsible for 401(K) Administration. Self-service tools allow employees to change deduction percentage, fund allocations, as well as set up / update loans against 401(k) funds. Interfaces (inbound / outbound) with PeopleSoft HR systems. Inbound - demographic changes, eligibility, deduction info, compensation base. Outbound - deductions/loans changes.
Shared Services	Day 1	HR & Payroll	Variable Comp	PeopleSoft - Variable Comp	PeopleSoft Package Variable Comp
Shared Services	Day 1	HR & Payroll	Welder Qualifier	Welder Qualifier	Client Build / Owned Application to support mandated gas qualification program for Welding Qualification. L&D Contact - Allison Brems.
Shared Services	Day 1	Inventory	Mobile Materials Assistant	MMA	Used for replenishing crew barns as well as printing labels includes RF devices - integrated with PeoplesoftI.M. This is a People Soft System link
Shared Services	Day 1	Inventory	Msca	Mobile Supply Chain Application	Oracle Financials Mobile Supply Chain Application (MSCA) module. Allows for remote receiving of inventory to warehouse, similar to MMA but this is an actual Oracle product
Shared Services	Day 1	Inventory	Oracle Financials - Inventory	Oracle Supply Chain	Oracle Supply Chain Inventory module.
Shared Services	Day 1	Inventory	Peoplesoft - Epm		This is the ERP Data Whse that receives data from Peoplesoft, PowerPlant and Storms. Using Business Objects, the business can run various reports from this data warehouse.

Shared Services	Day 1	Inventory	Peoplesoft - Inventory Managemt		Peoplesoft Supply Chain is a term uses to encompass all supply-chain related components (sub-systems) of the Peoplesoft application, including inventory mgmt, purchasing, order mgmt, etc.
Shared Services	Day 1	Inventory	Sma	Stock Material Authorization	Stock Material Authorization for purchasing dept, General Store items moved to store rooms, requests come from field
Shared Services	Day 1	Procurement	Oracle Financials - Enporion	EnporioniProcurement	Provides ability to shop or punchout from Enporion marketplace outside of KeySpan's system via Oracle iProcurement (front-end) and to send approved orders to Vendors and receive acceptance of orders via Enporion marketplace.
Shared Services	Day 1	Procurement	Oracle Financials - Purchasing	Oracle Supply Chain	Oracle Financials Purchasing module.
Shared Services	Day 1	Procurement	Oracle Financials - Web Iprocurement	Oracle Supply Chain	Oracle Financials iProcurement module.
Asset Management	Work Management	Service Mgmt / Equip Mgmt	Cascade		Asset Management & Maintenance Management system for Electric Substation, HVDC, Relay & Telecomm Assets
Asset Management	Work Management	Service Mgmt / Equip Mgmt	Corrosion	Bass Trigon / PCS (Pipeline Compliance System)	Bass Trigon / PCS (Pipeline Compliance System) Database used in the Central division to track data regarding test sections and record test results. Links to the geographic area in GIS via the test section number.
Asset Management	Work Management	Service Mgmt / Equip Mgmt	Curb Valve Data Extract	Local Law 30 Regulator inspections	Used to extract LL30 locations
Asset Management	Work Management	Service Mgmt / Equip Mgmt	FALLS [NGUS]	Lightning Tracking System, LTrax, Fault Analysis and Lightning Location System	An application that displays real-time and historical lightning data. FALLS is the replacement for LTrax.
Asset Management	Work Management	Service Mgmt / Equip Mgmt	Feeder Hardening	inspection and maintenance	Asset reliability project, inspections and maintenance, has a storms work request against it.
Shared Services	Work Management	Service Mgmt / Equip Mgmt	Fleet Anywhere	Fleet Management System For Company Fleet	Provides tracking of all work that is performed on the Companies' Fleet vehicles, Work Orders and Charges..

Shared Services	Work Management	Service Mgmt / Equip Mgmt	Fleet Clearing Account Management		Used by the fleet personnel to adjust the monthly charges for a company across the board for Transportation Pricing
Shared Services	Work Management	Service Mgmt / Equip Mgmt	Fleet Delivery And In-Service Form		Used to inform Fleet Management that a vehicle have been delivered or put in service in the field. Vehicle information is validated; stored, emailed, then manually added to Fleetfocus
Shared Services	Work Management	Service Mgmt / Equip Mgmt	Fleet Fuel And Trip Permits		Used by the fleet personnel to request additional state permits from a permitting agency for vehicles to use to cross-state boundaries (e.g. during storms.)
Shared Services	Work Management	Service Mgmt / Equip Mgmt	Fleet Garage Reports		Used by the fleet personnel to report on work order, road call, inspection and other garage metric information. The users can enter a number of selection fields, and then run one of the canned reports. These are easily exported to MS Excel for further customization
Shared Services	Work Management	Service Mgmt / Equip Mgmt	Fleet Management Suite		Used by the fleet personnel for Work and Vehicle management activities
Shared Services	Work Management	Service Mgmt / Equip Mgmt	Fleet Surplus Equipment		Used to inform Fleet Management that a vehicle has been pulled from service to be retired/sold. Vehicle information is validated; stored, emailed, hen manually added to Fleet focus
Shared Services	Work Management	Service Mgmt / Equip Mgmt	Fleet User Reports		Used by the field to report on vehicle, damage, monthly charges and other information. The users can enter a number of selection fields, and then run one of the canned reports. These are easily exported to MS Excel for further customization
Shared Services	Work Management	Service Mgmt / Equip Mgmt	Fleet Vehicle Re-Assignment		Used to inform Fleet Management that a vehicle that has been assigned to a different person, dept or company. Vehicle information is validated; stored, emailed, hen manually added to Fleetfocus
Shared Services	Work Management	Service Mgmt / Equip Mgmt	Fleet Web Link To Caterpillar Inc. Sis		Used by the fleet personnel to review maintenance information from Caterpiller
Shared Services	Work Management	Service Mgmt / Equip Mgmt	Fleet Web Link To Freightliner		Used by the fleet personnel to review maintenance information from Freightliner

Shared Services	Work Management	Service Mgmt / Equip Mgmt	Fleet Web Link To Mitchell On Demand		Used by the fleet personnel to review maintenance information from Mitchell
Shared Services	Work Management	Service Mgmt / Equip Mgmt	Fleetfocus	Fleet Upstate or Legacy National Grid Fleet	System to capture and analyze all costs associated with owning and operating a fleet of vehicles, including equipment tracking, work order processing, preventive maintenance scheduling, parts and fuel inventory, and vehicle component warranty costs.
Shared Services	Work Management	Service Mgmt / Equip Mgmt	Maximo-Facilties	Maximo Facilities System	Work Management system for Facilities in NY, LI, and NE.
Asset Management	Work Management	Service Mgmt / Equip Mgmt	Pipe Replacement Tool		Analysis program used to identify main segments for replacement
Asset Management	Work Management	Service Mgmt / Equip Mgmt	Relief Valve Inspections		Extract used to identify services with external relief valves for inspection
Asset Management	Work Management	Equipment Mgmt	Joint Pole Proposal	JPP	Tracks billing and other information on jointly owned (NG and Tel Co) poles in Legacy Grid (upstate New York and New England).
Meter Data Management	Work Management	Equipment Mgmt	Meter Statistics-Ne	MSS	This system keeps track of all information related to meter testing. This includes removal information and meter test results to determine accuracy percentages.
Meter Data Management	Work Management	Equipment Mgmt	MITS	Meter Inventory Tracking System, EMIT, GSHOP	To inventory and track electric and gas meters. This system interfaces to PowerPlant, CSS&PFT.
Meter Data Management	Work Management	Equipment Mgmt	Mss	MSS	The Meter Statistics System was developed in house to track NE meter testing. This application tracks meter removal and test data to determine accuracy percentages. The meter testing standards are determined by the Department of Telecommunications and Energy (in Massachusetts) and the Public Utilities Commission (in New Hampshire).
Meter Data Management	Work Management	Equipment Mgmt	Pft	Pick for Test; Advent	Meter selection system that supports regulatory mandated yearly meter testing requirements. This system picks meters to be tested in the field and creates a download file to be sent to CSS System for field order generation.
Meter Data Management	Work Management	Equipment Mgmt	Snap [US]	Sonic Nozzle Analytical Prover	Testing software and Test boards for large & residential gas meters

Asset Management	Work Management	Equipment Mgmt	Spipe	Service Pipe System	This system is the repository for Service Pipe information in the company. Data in this system can be edited via an Oracle Forms application. The data can be accessed in view-only mode from Oracle Forms, FMS Reports and SPIPE Host Inquiry (FDC).
Asset Management	Work Management	Job Cost / Service Mgmt	Engineering Outsourcing Database		Tracking of the design job performed by construction contractors.
Asset Management	Work Management	Job Cost	Gc-Ne	Government Construction System (NE)	This application is a high-level database of large government construction projects in the NE area.
Work Management	Work Management	Job Cost	Primavera [NGUS]		Project Management for Capital Projects Part of Edis
Work Management	Work Management	Mobile Tech	Mdsi-Ne	MDSI-NE/Field Data Capture System (FDC) MDSI New England	Field Data Capture System (FDC) used by NE gas crews. Prioritizes and Dispatches job to mobile devices via Verizon's CDMA communications network. There is an office component (WinDisp) and a field component (MobilePenAppl).
Asset Management	Work Management	Work Estimating	Pet	Project Estimating Tool	Project Estimation for Capital Projects. Project Engineers are able to build out material, labor, and overhead project cost estimates. interfaces with Primavera to load project resources Part of EDIS
Work Management	Work Management	Service Mgmt	Cwq	Common Work Queue	A common portal to manage and dispatch gas distribution and Gas service work across NY, LI, NE, in addition NE uses it for leak management , and NY & NE use it to manage and dispatch Credit & collections work
Work Management	Work Management	Service Mgmt	Digsafe	DigSafe-NE System	This system is the repository of DigSafe tickets (One-call) for the NE area (gas only).

Work Management	Work Management	Service Mgmt	Ischeduler	iScheduler - Core iScheduler	Schedule Work Requests. iContract is a simplified application for contractors to schedule their work via internet It adheres to the constraints of an individual utility company for what is economical while optimizing customer service and resource management objectives. iScheduler employs state of the art constraints based on scheduling techniques to automatically generate an optimal schedule. The Schedule created respects operational constraints and practicalities, and measures of performance, such as cost, to enable a utility to achieve goals such as Meeting service level agreements, improving resource utilization, reducing travel time, raising customer satisfaction levels. With Scheduler, the user allocates the work to crews that have the appropriate skill to the job. Skills are matched to jobs to give the best possible use of resources. Crew information such as availability, skills, performance factors and geographical preferences are extracted from the Work Management System.
Work Management	Work Management	Service Mgmt	Maximo-Ne	Maximo NE Field Work Management	Work Management system for New England Gas.
Work Management	Work Management	Service Mgmt	Storms	Storms - Core Storms	Track customer orders and projects, report on statuses, PSC reporting, performance reporting, ESCO's, GSO's, Pal's, Meter Orders and miscellaneous orders. Includes both capital and maintenance (limited capability) work for Electric and Gas.
Work Management	Work Management	sms	Resource On Demand	ROD	Resource on Demand is a crew logistics software program. RoD tracks crews at a macro level to aid in summarizing crew counts by restoration area and crew contingent. The crew counts are in turn used to lodge and feed crew members.
Shared Services	Work Management	sms	Riskmaster		A system to track the claims made by external entities against the company and to track claims by the company against external entities (damage to company property).

Work Management	Work Management	sms	SEAL		Maintains employee information regarding storm emergency assignments - provide additional personnel to deal with storm related incidents & facilitating restoration subsequent to storm damage
Work Management	Work Management	sms	TrackstarAVLS	AVLS	AVLS stands for Automated Vehicle Locator System. AVLS receives GPS coordinates from the field vehicles and feeds this information back into the office application for viewing and reporting. It is also the mechanism used to transmit Code Blue safety alerts to SOD and is a critical item to the core safely standards of the business.
Work Management	Work Management	sms	UG Inspection		Inspection of UG assets in NE, mainly Manholes
Work Management	Work Management	Service Mgmt / Equip Mgmt	AIMMS	Asset Information & Maintenance Management System (MAXIMO)	An application that provides functionality to manage planned and unplanned maintenance work on equipment in substations, on Relay and Telecommunications equipment and in the HVDC installations.
Work Management	Work Management	Service Mgmt / Equip Mgmt	Arcos	Automated Roster Callout System	Roster Callout system (ASP Solution) used in Dispatch to callout crews.
Work Management	Work Management	Service Mgmt / Equip Mgmt	Computapole	T&D Pole Maintenance	Inspection Management system used to manage asset inspections. Also manages Elevated Testing results for various regulatory bodies.
Work Management	Work Management	Service Mgmt / Equip Mgmt	Forestry IVR		An interactive voice response application that provides a vehicle for forestry work crews to provide work locations and other associated information in an automated fashion.
Work Management	Work Management	Service Mgmt / Equip Mgmt	Iid	Interruption, Incident & Damage Tracking System	Tracks the resolution of interruptions, incidents, and damage to our assets by 3rd parties. This can be either electric or gas. Currently this system serves the NY (Niagara Mohawk) Service territory.
Work Management	Work Management	Service Mgmt / Equip Mgmt	Jpp/Eon Tracking System		Tracking system for Joint Pole Proposal (JPP-NY) and Exchange of Notice (EON-NE) contracts between National Grid and Telco's in National Grid franchise. Interfaces with STORMS for Work Requests that have JPP/EON activities.
Work Management	Work Management	Service Mgmt / Equip Mgmt	Lms-Ne	Leak Management System - NE	This is the repository of all leak records in NE.

Work Management	Work Management	Service Mgmt / Equip Mgmt	Srvy	Gas Survey System	Tracking and inquiring all leak surveys performed with the ability to update add, modify
Shared Services	Work Management		Xrt	Treasury Work Station	Manages the Corporations cash and cash bank accounts and submit treasury related transactions to our banking partners.
Shared Services	EHS&S	Environmental, Health & Safety	E-Cap		
Shared Services	EHS&S	Environmental, Health & Safety	EMIS		
Shared Services	EHS&S	Environmental, Health & Safety	Incident Management System	IMS	US SHEs system for recording and managing safety incidents as well as recording details of safety visits etc.
Shared Services	EHS&S	Environmental, Health & Safety	Wems	Waste Environmental Management Database System	Client/Server and web based system used for tracking and managing environmental waste.
Shared Services	EHS&S	Physical Security	Amag	AMAG	Facility Intrusion Detection (Enterprise Wide), Facility Access Control (Enterprise Wide)
System Operation - Commercial	Energy Management	GasStar	Bms [KeySpan]	Broker Management System	This is a transportation management system that handles all communications and interactions between National Grid and New England gas marketers (brokers). BMS provides functionality necessary to support the conditions of the current operating tariffs and is updated periodically to stay in compliance as regulations change. Keeps track of all marketer related transactions including customer information, broker nominations, billing and receivables.
System Operation - Commercial	Energy Management	GasStar	Cmcs	Company Managed Contract Services	This system keeps track of all information related to the release of pipeline contracts to gas marketers including capacity allocation, contract information and billing.

System Operation - Commercial	Energy Management	GasStar	Ebb	Electronic Bulletin Board/Gas Transportation System	Electronic Bulletin Board/Gas Transportation System - Internet application managing all gas supplies for LI and NY and RI city gate deliveries. Includes KeySpan gas supply, KeySpan and LIPA generation. Additionally provides two way communications between KeySpan and suppliers for the Natural Choice program. Functions include deliver requirements, nomination and confirmation reconciliation and SCADA interface of deliveries.
CIS	Energy Management	GasStar	Energy Markets Web	Esco Web	Part of CIS (NY) - Tech Management. Energy Suppliers can perform a variety of retail access functions: enrollments and drops, requesting usage history, viewing and downloading reports and billing maintenance.
System Operation - Gas	Energy Management	GasStar	Gtbb	Gas Transportation Bulletin Board	Gas supplier nominations, confirmation and reconciliation of deliveries, including under-delivery and under-nomination.
System Operation - Electric	Energy Management	GasStar	Isis Reports		An application that automates a compilation of monthly spreadsheet data for energy purchase transaction files obtained from ISO-NE
System Operation - Commercial	Energy Management	GasStar	ISO Settlement Information Systems	ISIS	Transfers and decompresses files from ISO-NE and stores them on a National Grid server where they are available to several internal National Grid operating departments for their analytical and reporting needs.
System Operation - Commercial	Energy Management	GasStar	Nucleus	Allegro	
System Operation - Commercial	Energy Management	GasStar	Pipeline Nominations		Internally developed application for tracking daily pipeline nominations (MS Excel).
System Operation - Commercial	Energy Management	GasStar	Supply Planning Excel Spreadsheets		Excel Spreadsheet models for: Supply Planning's Monthly GAC filings; Computing the city gate delivered price of gas; deal summary model; financial statements; pricing memos from KeySpan's gas suppliers(NEGM'sANE pricing) ; forecast models; oil & gas futures prices; Retail Marketer Model; Monthly Dispatch Strategy "Monthly set-up"; Daily Dispatch Strategy "Natset"; Storage Inventory & Ratchet Model

System Operation - Electric	Energy Management	GasStar	Transp	Transportation System	Manages transportation accounts
CIS	Energy Management	GasStar	Tws	Transportation Work System	Front end system that permits access to limited number of personnel to update marketer / customer relationships. Interfaces with CRIS.
System Operation - Electric	Energy Management	Meter Data Mgmt	Pulse	Process Underlying Settlement	Supplier load estimation and reporting, balancing and ISO settlement calculations, ICAP Support for NE. The system also supports NY ICAP processes
Asset Management / MDM Solution	Energy Management	Meter Data Mgmt	RAPR	Remote Access Pulse Recorder	An application used to calculate and retain electrical ratings of transmission circuits under different environmental conditions
System Operation - Electric	Energy Management	Meter Data Mgmt	Wholesale Settlement Application	WSA	Wholesale Settlement Application (WSA) is a vendor supplied application used by the Meter Data Services department. WSA is currently a PC based Oracle 10g application designed to handle the New England wholesale settlement process.)
System Operation - Commercial	Energy Management		Gisb/Naesb		Product allows us to exchange customer transactions with energy suppliers over the internet. As of 4/3/06, protocol is used for NY and MA choice transactions.
System Operation - Commercial	Energy Management		MBS [KeySpan]	Marketer Billing System	Provides capability for billing marketers which provide gas commodity to Keyspan Energy customers.
CIS	Engineering & Operations	Control Room & Outage Management	21Century	21st CENTURY - UCS (Universal Communications System)	System used for 'augmenting' our in-house customer storm outage requests and allows for the ability of Customer Callbacks for Power ETR - estimated time of restoration
Work Management	Engineering & Operations	Control Room & Outage Management	Event Based Resource Management Tool		Will be used to coordinate resource requirements on large scale emergency response
System Operation - Electric	Engineering & Operations	Control Room & Outage Management	Omsweb	OMSWeb	Web based home for PowerOn Admin Support and enhanced applications (ex: Critical Customer; Life Support, ETR).
System Operation - Electric	Engineering & Operations	Control Room & Outage Management	Pord	PowerOn Remote Dispatch	PowerOn Remote Dispatch is a web based outage tool used in barns when supporting decentralized storm.
System Operation - Electric	Engineering & Operations	Control Room & Outage Management	Portis	PowerOn Real Time Information System	PowerOn Real Time Information System is a web based application that provides real-time reporting of Outage Information 7x24x365.

System Operation - Electric	Engineering & Operations	Control Room & Outage Management	Poweron Application Suite	PowerOn Application Suite - Core PowerOn Application Suite	PowerOn is an Outage Management System used by Dispatch and Regional Control to manage Customer Outages. Thick client used to manage outages in control rooms.
CIS	Engineering & Operations	Control Room & Outage Management	Storm Central Web	Storm Central	Web based system that provides customer self-service for power outages. Functionality includes reporting an outage, determining if a customer's power is out, and current outage information across the territory.
Work Management	Engineering & Operations	Control Room & Outage Management	Storm Damage Assessment	SDA	A survey for storm related damage can be requested and initiated at any time where significant damage to our facilities is known or assumed to have occurred. This system is used to help manage the assessment process.
GIS	Engineering & Operations	Engineering Design & Plant	Analysis Models	Analysis Models (Water Intrusion/Active Leak; Synergee/GIS Analysis)	Analysis uses data from IID and Synergee to provide a visual map of water intrusions, active leaks as well as pressure information from Synergee (ESRI\DB) / GIS Analysis
GIS	Engineering & Operations	Engineering Design & Plant	Arcfm	ArcFM - NE GIS Mapping System	ESRI GIS based map editing/viewing system used in NE.
GIS	Engineering & Operations	Engineering Design & Plant	Asset Management Spatial Analysis	ArcGIS, ArcSDE, ESRI, Environmental	ESRI Arc Suite of GIS products with data exported from Smallworld GIS to support Asset Management Analysis and Reporting. Also, used by Environmental Department.
Asset Management	Engineering & Operations	Engineering Design & Plant	Autocad [KeySpan]	AutoCad	CAD / CAE system used by designers and engineers to create, view, and manage drawings.
Asset Management	Engineering & Operations	Engineering Design & Plant	Autocad [NGUS]		A computer aided design software package
Meter Data Management	Engineering & Operations	Engineering Design & Plant	Checkmeter	Check Meter	Wholesale load data validation and load data management

GIS	Engineering & Operations	Engineering Design & Plant	Construction Orders	Construction Sketch	Allows viewing and printing of construction sketches produced from GIS Designs.
GIS	Engineering & Operations	Engineering Design & Plant	Corridor Manager	CM	A commercially available geospatial application that is built on GE Smallworld core technology. Its primary focus is to support the management of transmission rights-of-way and property corridors.
Elec Network Analysis	Engineering & Operations	Engineering Design & Plant	Cymdist	Primary Distribution Analysis Software	Primary distribution analysis software used for voltage, short circuit, load forecasting, load balancing, contingency planning, and capital program justification.
Elec Network Analysis	Engineering & Operations	Engineering Design & Plant	Cyme	Cymdist	Application to perform various electrical analysis studies on feeders. Facility data is supplied from an on-demand interface with GIS, along with load information.
GIS	Engineering & Operations	Engineering Design & Plant	Distribution GIS	GIS, Smallworld	Applications built on Smallworld GIS product to support Distribution Facility Management, Graphical design and mapping: STORMS Interface for estimating, ACES (Automated Construction Engineering), Map Products, Gas Corrosion Gas Valve Zone Management.
System Operation - Commercial	Engineering & Operations	Engineering Design & Plant	ERS	ERS Energy Resource System, ERS2000	ERS is used for data management and analysis of gas and electric load data. Data contained in ERS includes: System data including Generation (NM, NUG/UG's), Bulk Power through distribution including feeders, Inter-connecting tie points, Municipalities, and Large Commercial/Industrial customers. ERS is also used in billing customers through the Customer Service System.
Elec Network Analysis	Engineering & Operations	Engineering Design & Plant	Feedpro/Supplypro/Feeder-Health		Allow the entry of metered readings, project peak demand into the future. Feeder health matches interruption information against loading to weight relative 'health'
Asset Management	Engineering & Operations	Engineering Design & Plant	Field Sketch Library		Repository of scanned images of as-built drawings
GIS	Engineering & Operations	Engineering Design & Plant	FmMapviewer Lite	FDC Maps (NE)	Lightweight field map view and query application used primarily in NE by the mobile workforce (FDC crews, field supervisors, marketing, engineers, etc.).
GIS	Engineering & Operations	Engineering Design & Plant	FME	Feature Manipulation Engine	Export Electric and Gas objects from Smallworld and load into ArcSDE for Asset Management Analysis and other uses.

Asset Management	Engineering & Operations	Engineering Design & Plant	Fortis-Ne	Scanned Records, Fortis Imaging System for NE & LI	This application is the repository of scanned asset records for the entire NE & LI territory. This data is available to all clients via a web interface.
Work Management	Engineering & Operations	Engineering Design & Plant	Fsd	Field Smart Design	Provides the ability for Work Order design from workstation or handheld device in field to feed Maximo.
GIS	Engineering & Operations	Engineering Design & Plant	Geo-Analysis Tools		Various ESRI and Map Info projects used for facility and data analysis
GIS	Engineering & Operations	Engineering Design & Plant	Gis Aerial Images	GIS Photos	Aerial Photos of NY (NYS Clearinghouse website... http://www.nysgis.state.ny.us/) and NE service territories
GIS	Engineering & Operations	Engineering Design & Plant	GSA [KeySpan]	Gas Sales Application	Used to identify the distance of new customer from the main
GIS	Engineering & Operations	Engineering Design & Plant	IDS-DVD'S	GIS Field DVD's	Provides read-only GIS data on DVD for use in mobile units. Smallworld data is sent to the vendor who converts it to another format and copies onto Cd's/DVD's.
Work Management	Engineering & Operations	Engineering Design & Plant	Mapframe		Provides two primary functions for the field workers through the Mwork application. First, it provides street level routing for the meter services workers. Second, Mapframe provides asset (GIS) and facilities data to the operations workers and supervisors
Asset Management	Engineering & Operations	Engineering Design & Plant	Microstation / Virtual Print Room	CADD, Engineering Drawings	Computer Aided Drafting and Design software for design of Substations, Regulator Stations, large gas meter installations, transmission, etc. Also the printing function to send schematic .tif images to be printed and folded on the Oce Printers in SOC D1
Elec Network Analysis	Engineering & Operations	Engineering Design & Plant	PSS/E	Power System Simulator for Engineering	Power flow modeling for transmission networks
System Operation - Commercial	Engineering & Operations	Engineering Design & Plant	Retail Price Generation System	RPGS, Price Transmission System, PTS, Electric Price Generation System, EPGS	Calculation of hourly prices
Gas Network Analysis	Engineering & Operations	Engineering Design & Plant	Stoner-Ne	Stoner Gas Workstation - NE (Synergee)	Models and analyzes networks of pipes, regulators, valves and compressors.

Gas Network Analysis	Engineering & Operations	Engineering Design & Plant	Synergee (Stoner or Advantica) [NG US]		SynerGEE-Gas models and analyzes closed conduit networks of pipes, regulators, valves, compressors, storage fields and production wells. SynerGEE serves as a general purpose-modeling tool for piping networks.
Gas Network Analysis	Engineering & Operations	Engineering Design & Plant	Synergee Customer Module (Cmm)		Software used in conjunction with Synergee. Customer load data is provided from CICS/CRIS and then used to produce Synergee models.
GIS	Engineering & Operations	Engineering Design & Plant	Transmission Linear Vision		Aerial images and software to view the images of transmission and sub-Transmission lines. Used to determine if there are any issues with the lines (www.linearvision.com) This is a user supported application and should be removed from the list.
GIS	Engineering & Operations	Engineering Design & Plant	Under Ground Facility Indexing Applications (To Support Ug Locating)	Underground facility indexing	This is an application built in ESRI (using ESRI Model Builder) that will pull data out of the SDE tables and generate shape files for Dig Safely (NY), Dig Safe (NE), and Premier Locating Company to facilitate Locate Ticket screening and processing. A contractor is building the model, but we (Scott, Jeff, or me) will need to maintain it going forward.
Meter Data Management	Engineering & Operations	Engineering Design & Plant	WECO		High-end testing software for large electric meters
System Operation - Electric	Engineering & Operations	Energy Control - SCADA	Ems		Energy Management System
System Operation - Electric	Engineering & Operations	Energy Control - SCADA	Ems Ne - Abb Spider	ABB Spider	ABB SPIDER System. It is a real-time system that provides power system monitoring, remote switching, tagging and contingency analysis capability.
System Operation - Gas	Engineering & Operations	Energy Control - SCADA	Gas Control-Sop	Gas Control-SOP	The application is used to electronically record, distribute and track all SOP's for the New York City (NYC), Long Island (LI) and New England (NE) territory. Users will create SOP records and the operating areas will be able to review/ approve the records within the application

System Operation - Electric	Engineering & Operations	Energy Control - SCADA	IDS [NGUS]	IDS - Core IDS	Application captures and tracks Distribution Interruptions, Transmission events and Local Disturbances, in near real time automatically informs MA DTE about significant outages.
Asset Management	Engineering & Operations	Energy Control - SCADA	Se And Ocean State Capacitor Database		Database of Capacitor settings and inspections
System Operation - Electric	Engineering & Operations	Energy Control - SCADA	Sir	System Interruption Reporting	Mainframe based system used to collect and report Service Interruptions to the Regulatory Agencies
System Operation - Electric	Engineering & Operations	Energy Control - SCADA	Transmission Loss Analysis	TLA	Calculates hourly transmission losses
System Operation - Gas	Engineering & Operations	Energy Control - SCADA	Us Gms	US GMS	The US GMS provides supervisory control and data acquisition (SCADA) for the US gas distribution system, used by Gas Control of Long Island, New England, New York, and Syracuse.(Includes GDO, OASyS, and Reportweb)
Meter Data Management	Engineering & Operations	Meter Data Mgmt	Epo Real Time Transfer	EPO Transfer	Background process on Windows server scheduled to run every two hours to read an LS file created by MV90 with meter reading data, reformats header 4 of the data file, and copies the new file to the outbound Slinger folder where EPO Slinger will read and FTP to Schnieder Electric EPO data site.
System Operation - Commercial	Engineering & Operations	Meter Data Mgmt	Epo Tracking		A small system used to manage/track EPO users of NE data and the associated billing of the service.
Meter Data Management	Engineering & Operations	Meter Data Mgmt	Internet Based Communication System	IBCS / 5 Minute Data Transfer / NE Winter LRP	2-Way Communications between ISO New England and the Customer -- Scheduled process that runs in the background on a windows server that reads data from MV90, reformats and aggregates the data and then uses EDI process to forward transformed data to the NE ISO.
System Operation - Electric	Engineering & Operations	Meter Data Mgmt	Iso Retail		Transmission owner load collection, calculation, and ISO reporting
System Operation - Electric	Engineering & Operations	Meter Data Mgmt	Load Response Program	LRP	Retail load response program for customer load reduction during critical periods of time. This is a menu option from the PC PULSE Application.

CIS	Meter To Cash	Customer	Account Initiation Customer Validation	AI Credit Validation	Internal web based system that enables Contact Center Reps to validate customers via Experian using an address and either date of birth or driver's license.
CIS	Meter To Cash	Customer	Ace		On line address standardization used by Onyx
CIS	Meter To Cash	Customer	Ciac	Contributions in Aid of Construction	Calculates cost distribution of electric service.
CIS	Meter To Cash	Customer	Cisdocs	CISDOCS Archive	CISDOCS is an in-house system to provide NE-Customer Service the ability to view the customers' documents such as Bills, Fiche, Notations, and Summary Bills. Currently NE-Customer Service uses a vendor, Anacomp, product called TascCold to view the Customers' Bills, Fiche, Notations, and Summary Bills. CISDOCS is a replacement system for TascCold system as it is no longer supported by the vendor.
CIS	Meter To Cash	Customer	Code-1		Address validation & correction software packages which provides validation, correction and standardization of customer address data produced out of CSS. It is also CASS-certified by the USPS.
CIS	Meter To Cash	Customer	Crdem	Cash Receipts Data Entry Manager	The Data Entry VB Application provides the capability to data enter cash batches for Teller Cash, HSP, Boston Housing Authority, Boston University, Fuel Assistance, Salvation Army and Welfare cash.

CIS	Meter To Cash	Customer	Crisiii	Customer Related Information System	Customer Related Information System - Core system used to manage customers' (residential, commercial, industrial) financial, service and contact experience, including accounts, billing, payment, and credit and collections transactions (including all revenue reporting), and field service orders, as well as customer participation in regulated (low income, special needs, etc.) programs/services, customer and marketer participation in retail choice , as well as company discretionary and marketing programs/initiatives for gas only customers in three regulatory and 6 franchise areas of new York (Brooklyn, Queens, and Staten Island), Massachusetts (Boston Gas, Colonial Cape, Colonial Lowell and Essex Gas franchises), and Energy north (new Hampshire) franchise. Keeps track of all customer attributes, including service orders, cash, credit, billing, and meter reading.
CIS	Meter To Cash	Customer	Css Suite	Customer Service System	Customer Service System - Core system used to manage customers' (residential, commercial, industrial) financial, service and contact experience, including accounts, billing, payment, and credit and collections transactions (including all revenue reporting), field service order initiation, as well as customer participation in regulated (low income, special needs, etc.) programs/services, customer and marketer participation in retail choice, and company discretionary and marketing programs/initiatives for gas only, electric only, and combined service customers in (four regulatory and five franchise/tariff areas) the Niagara Mohawk franchise area, and electric only customers in the Granite State (New Hampshire), Narragansett (Rhode Island), Massachusetts Electric, and Nantucket franchise areas. CSS also manages all street lighting and outdoor lighting accounts. NY and NE electric Customer Service System. Integrated Service orders, billing, collections,

					financials for residential, commercial, industrial, street lights/outdoor lighting. Major interfaces include MWork, GIS, and ERP.
CIS	Meter To Cash	Customer	Dialogue		Bill and letter composition tool.
Shared Services	Meter To Cash	Customer	Dsm	Demand Side Management	DSM allows management of MA, NH and RI State regulated energy efficiency programs, tracking program implementation workflow, construction tracking, recycling vendors and client/vendor payments through Peoplesoft. Support for regulatory reporting.
CIS	Meter To Cash	Customer	E-Correspondence	Accent Capture	This system captures all customer correspondence received by the company and attaches it to the customer's account, to be viewed via the Customer Contact dialog.
CIS	Meter To Cash	Customer	Equality	Witness eQuality	The Witness eQuality application is used by Customer Service and Collections to record and monitor Customer Service Representative phone transactions with customers. (audio & video of screen navigation)
CIS	Meter To Cash	Customer	Experian		Credit agency used on online system to identify a customer by social security number and name

GIS	Meter To Cash	Customer	Gcdb	Gas Customer Database	Database that is updated with customer data as reported from CSS. Allows users to identify the number of customers and their data in an emergency. Impacted areas can be determined either by using an interface to GIS or manually.
CIS	Meter To Cash	Customer	Iavenue - Client	CRM, iAvenue NE	This is a CRM application for supporting Account Managers dealing with our Large commercial and Industrial customers in NE
CIS	Meter To Cash	Customer	IC Verify		The IC Verify application allows company personnel to process credit card authorizations for equipment or service purchases that any of our customers may want to make.
CIS	Meter To Cash	Customer	Iex		Captures historical call volume information from various systems and enables the contact center to develop call volume forecasts and associated schedules to meet demand and maintain service level objectives
Shared Services	Meter To Cash	Customer	Legal Recovery System		A monthly dump of customer data from CRISS III is loaded into the Legal Recovery System. The Collections NY/NE area searches through these customers finding prime candidates to issue a demand letter and final a sue letter if the customer does not settle their outstanding bill. Demand/Collection letters and Sue Letters are generated by the legal department using this system. Customers that are sued are tracked through the system.
CIS	Meter To Cash	Customer	Mailstream Plus [Keyspan]		Perform PAVE processing on addresses for CAS and CRIS (postal discounting)
CIS	Meter To Cash	Customer	Mailstream Plus [NGUS]		Mail preparation software package that sorts mailing lists according to USPS standards for every class and type of mail to facilitate prompt and accurate delivery while attaining the highest postal discounts from the USPS.
System Operation - Gas	Meter To Cash	Customer	MercomAudiolog System	MercomAudiolog System	NY, NE, LI - VTELCO Recording System Proprietary Software - Vendor Supported

Work Management	Meter To Cash	Customer	MWork (FFE)	MWork (FFE) - Core MWork (FFE)	Delivers orders (work) to the field workers. Enables wireless transfer of work from a number of host systems to the field worker in virtual real time. It also allows the completion information to be transferred back to the host system. There is an office component (Mwork office) and a field component (Mwork field).
CIS	Meter To Cash	Customer	Onyx	Onyx Sales Force Automation	ONYX is a Customer Relationship Management (CRM) application built on Microsoft Windows and Web application technologies. Onyx Corporation (Now Consona) is the developer of this software. Onyx is a CRM software package used by Gas Sales & Marketing in support of Marketing and Sales GAS efforts throughout the Company's service territories. Onyx is used to support the selling cycle beginning with the recording of marketing efforts to the creation of sales opportunities & scheduling of sales rep and or plumber appointments, as well as tracking and managing leads through the sales closing process leading to the eventual adding of the new or increased gas load.
CIS	Meter To Cash	Customer	Payment Agent Maintenance Application		Windows based application for maintaining locations where customers can pay their bills. Also, batch application for ingesting weekly Western Union updates.
Shared Services	Meter To Cash	Customer	R&S	Revenue & Statistics	Provides a number of functions including: bill check capabilities for most accounts (recalculates the bill), provides revenue and tax reports, creates entries for the general ledger and journal voucher system.
CIS	Meter To Cash	Customer	Remedy - Customer Relations	Kexec - Executive Inquiries	Record customer correspondence to Keyspan executives and track work related to the correspondence. Used by customer relations group. Includes executive inquiries, Gas inquiries and complaints and Large Electric customer complaints.
CIS	Meter To Cash	Customer	Revenue Protection Case Load Tracking	Revenue Assurance	Track reported diversions including amount of electricity diverted, the dollar amount recovered and the monetary rewards made to employees.

Shared Services	Meter To Cash	Customer	Special_Ledgers	Special Ledgers	Maintains account information (payable and receivable) on accounts which cannot be billed properly in CRIS II. This is special accounts that cannot be handled by CHRIS alone
CIS	Meter To Cash	Customer	Summary Billing	Summary Billing	Manage the accounts with services in more than one locations
CIS	Meter To Cash	Customer	Tcr	Dual Entry of Rates	Provides the ability to enter new rate structures on-line for certain rate classifications (usually those which change monthly)
CIS	Meter To Cash	Customer	Trillium		Address standardization and integration of data across multiple sources. Integrated with Microstrategy warehouses
CIS	Meter To Cash	Customer	Verimove		Perform Move update processing on addresses for CAS and CRIS (mail forwarding)
Meter Data Management	Meter To Cash	Interval Meter Reading	Epo	EPO Energy Profiler Online	Interval data accessible via web interface. A hosted application. Used by NY customers to get access to daily unedited data. Used by NE internal and external customers to get access to edited data.
Meter Data Management	Meter To Cash	Interval Meter Reading	Mds Web	EDS Web, MDS Intranet	Web site to communicate issues with meter reads that the Meter Data Services Group is responsible for. This is used internally.
Meter Data Management	Meter To Cash	Interval Meter Reading	Metretek [NGUS]		Gathers customer usage data on a daily basis by reading meter electronically. Supports gas customer transportation.
Meter Data Management	Meter To Cash	Interval Meter Reading	Metretek- NE [KeySpan]	Metretek (NE) Meter Reading, DC2000	This system keeps track of all information related to daily metered customers with Metretek devices installed, in NE.
Meter Data Management	Meter To Cash	Interval Meter Reading	Mv90	Itron MV90	Interval meter data collection system. Validation, Editing, and Estimating (VEE) for wholesale and retail interval data. Client supported application.
CIS	Meter To Cash	IVR	Avaya - Ir	(Avaya) Interactive Voice Response	Provides customers with self-service options and collects account specific information prior to transferring to a Customer Service Rep

CIS	Meter To Cash	IVR	CSS IVR	VRU	CSS IVR--Interactive Voice Response used in upstate New York and New England by customers in CSS. Customers enter the IVR and can perform certain real time self-serve transactions against the CSS: obtain information such as balance due, next meter reading
CIS	Meter To Cash	IVR	Verint Web Review System		Record Gas Ops and Customer Field Support dispatchers, radio lines in MetroTech, fire lines, police lines, call center agents in MetroTech and Waltham, marketing and KHES agents in MetroTech.
CIS	Meter To Cash	ivr/website	Bms [NGUS]	Broadcast Message System	Web based application that provides additional outage information to CSS and IVR for planned and large scale outages.
Meter Data Management	Meter To Cash	Non Interval Meter Reading	Arcs	Automated Route Control System	Part of CIS(NY) - Billings. ARCS manages meter-reading routes and change meter read sequences within a route. and collects read time information from meter readers devices to accomplish this. This system interfaces directly with CSS to control all the meter routes
Meter Data Management	Meter To Cash	Non Interval Meter Reading	Itron	ITRON Meter Reading System - ITRON PP4	Itron Meter reading system - ITRON PP4 is the most recent version of ITRON meter reading system. which controls the upload and download of meter reading information to and from the CSS system for billing.
Meter Data Management	Meter To Cash	Non Interval Meter Reading	Mvrs-Ne	Multi Vendor Reading System-NYNE	MV-RS-NEis a meter reading field collection system used to support the obtaining of gas meter readings in the legacy Keyspan territories in MA and NH. The readings are used for billing, customer support and other purposes. The system supports normal (cycle) reading and reading for soft locks/unlocks (ons and offs). Cycle reads are obtained and returned to CRIS throughout the meter reading window. Soft lock/unlock reads are generally obtained and returned within 2 days.
CIS	Meter To Cash	Website	Siebel KED	National Grid E-Customer Self Service	Allow National Grid (Former KeySpan) customers to perform various self-account services online on the web (eService).

CIS	Meter To Cash	Website	Your Account Web	Your Account	Web based system that provides customer self-service for their accounts. Functionality includes bill payment, bill viewing, contact maintenance, start and stop service, and account and usage viewing.
Data Warehouse & Reporting	N/A	N/A	Business Objects		Data Warehouse serving the vast majority of reporting needs for Granite State
Asset Management	N/A	N/A	Fade	Field Accounting Data Entry	Application utilized to report Project Status', Equipment Usages, Rental Validations, Work Order Summaries, Blanket PO's as well as Long Term Disability Listings
Gas Network Analysis	N/A	N/A	FERC 720		FERC 720 provided gas transportation estimated vs. actual usage statistics on a publicly accessible website. This satisfies a regulatory requirement.
Data Warehouse & Reporting	N/A	N/A	Microstrategy		Data Warehouse serving the vast majority of reporting needs for Energy North
System Operation - Commercial	N/A	N/A	Pipeline Bulletin Boards		Tetco Link; Transco 1 Line; Dominion E-SCRIPT, Tennessee Passkey; Texas Gas GasQuest; Iroquois Online; Hattiesburg StarWeb
Shared Services	N/A	N/A	Strohl	STROHL Software	Vendor Package for managing disaster recovery and business continuation planning , now LPRPS a Sunguard System
Shared Services	Regulatory	Rates & Regulatory	CFMS		
Knowledge Mgmt& Collaboration	Regulatory	Rates & Regulatory	Dream	Dream	DREAM is a web based Docket Management system allowing the preparation, management and storage of regulatory filings for utilities. The application and database run on servers hosted outside the KeySpan/National Grid firewalls.
CIS	Regulatory	Rates & Regulatory	Gasrates NE	Gas Rates New England	This application collects gas rates and displays them by rate and date.

System Operation - Commercial	Regulatory	Rates & Regulatory	Tfms	Tariff Filing Management System	Tariff filing mgmt system used for filing FERC tariff's for NE Gas (KLNG)
Knowledge Mgmt& Collaboration	TBD	KM & C	Acdsee		Application used by claims investigators to organize their digital content
Knowledge Mgmt& Collaboration	TBD	KM & C	Documentum	Content Management System	Document and content management product providing services to over 16 National Grid applications. Part of EDIS
Knowledge Mgmt& Collaboration	TBD	KM & C	Versatile (Recmgmt)	Versatile	Client server application for the management and of hard copy documents
Shared Services	TBD	Legal	Legal EbillingAp Interface	LEAP Interface	This application is an interface between LEX and New England AP. It receives data from LEX processed through ETL, and produces an ASCII text output file which is processed into AP. It also produces summary reporting for all New England as well as Keyspan legal invoices.
Shared Services	TBD	Legal	Legal Exchange	LEX, Legal Exchange	This is a vendor hosted solution, which Legal Services arranged, that captures law firm invoices and tracks them through to payment. An Interface has been developed in ASP.NET between this application and the PeopleSoft Accounts Payable application.
Shared Services	TBD	Risk Mgmt	Rcts	Risk Control Tracking System	Client managed application for SOX controls monitoring and certification.
Meter Data Management			Alarm		Load sample design and retail load data management
Meter Data Management			Analyze-It		Sample design and analysis tool. Class load shapes development is used in production.
Meter Data Management			Lookup		Retail billing support