



Liberty UtilitiesSM



Liberty Utilities New Hampshire

IT Project Plan Review – January 24, 2013

IT Project Plan Review

- Liberty and National Grid have just completed a 6 month (post close) review and update of the New Hampshire IT Plans
- This will trigger a Change Order and re-filing of the plans at the end of January, 2013
- Today's meeting is to review our progress in the last 6 months and highlight the relevant changes to our plans in advance of submitting the monthly report

Re-Planning Approach

- A coordinated effort with National Grid
- PM's met amongst themselves
- PM's met with Functional Sponsors
- We met with vendors
- Joint meeting of all Liberty & National Grid PM's and Transition Leads
- Final Review by Liberty Functional Leads (New Hampshire & Oakville)
- Updates provided to the Joint Governance Committee

What is Changing

- Go-Live for Meter to Cash (Gas) moved out 2 months
 - Old Date: May 2013
 - New Date: July 2013
- Go-Live for Meter to Cash (Electric) moved out 7 months
 - Old Date: Oct 2013
 - New Date: May 2013
- Wensoft dates shifted to line up with Cogsdale
 - Old Date: May 2012 and October 2013
 - New Date: July 2012 and May 2013
- Gastar shifted to July
 - Old Date: Dec 2012
 - New Date: July 2013
- Operations projects shifted 4 to 6 months
 - Old Date: May 2012 to Jan 2013
 - New Date: Dec 2012 to June 2013

Progress to date

- Good Progress to date (6 months post Go-Live):
 - Core Infrastructure complete (phones, networks, etc.)
 - IT Infrastructure is established and Ready for Production Application Operations
 - Help Desk Tickets at a reasonable level (following the expected flurry of activity after Day 1) Employee Satisfaction survey is over 90%
 - Finalized Contracts with all Major Vendors in our application solution set
 - Including a robust vendor governance process

Progress to date

- Financial Systems (Financial, HR, Supply Chain) are up and running July 1, 2012
- Most Business Requirements are agreed to
- Significant testing completed on our CIS
 - Cycle 4 (of 4) in progress in the Mid-States
 - Cycle 1 (of 4) completed in NH
 - Positive results to-date
- Now working with a new release of Cogsdale code
 - Which includes learnings from the Mid-States/California/Arizona
- Documentation completed on Process Maps, Interfaces, Training Materials
- Working relationship with National Grid is very positive

Learnings

- We have refined our thinking around sequencing of our projects
- We are approaching 'Go-Live' for many systems in our Mid-States territory and are able to take advantage of lessons learned there
 - Testing approach
 - Dress rehearsal results
 - Training plans
 - Process documentation
 - Updated code
- Based on these factors, we decided in December that it was time to update our plans

Vendor Management and Security

Vendor Management

Company	Product/Service	Type of Agreement
Fiserv	<ul style="list-style-type: none"> • Bill Print • Lock Box • Walk-in Payments • Web Customer Account Services 	<ul style="list-style-type: none"> • Master Sales Agreement • Quarterly Executive Meeting • Weekly Executive Implementation Meetings
Cogsdale	<ul style="list-style-type: none"> • Customer Information Systems Software and Implementation Services 	<ul style="list-style-type: none"> • Master Sales Agreement • Quarterly Executive Meeting
ITRON	<ul style="list-style-type: none"> • Meter Reading Hardware • Meter Reading Software • Software Implementation Services 	<ul style="list-style-type: none"> • Mater Sales Agreement • Quarterly Executive Meetings
Telvent	<ul style="list-style-type: none"> • Geographic Information Systems Software and Implementation Services • SCADA Software and Implementation Services • Outage Management System Software and Implementation Services 	<ul style="list-style-type: none"> • Mater Sales Agreement • Quarterly Executive Meetings
Savvis	<ul style="list-style-type: none"> • Data Center Services and Hardware 	<ul style="list-style-type: none"> • Mater Sales Agreement • Quarterly Executive Meetings
BDO	<ul style="list-style-type: none"> • MS Dynamics GP Financials and WennSoft Implementation services 	<ul style="list-style-type: none"> • Master Agreement • Monthly Meetings
Dimension Data a CISCO Reseller and Implementation Partner	<ul style="list-style-type: none"> • Call Center Hardware, Software and Implementation Services • IVR Hardware, Software and Implementation Services • Call Recording Hardware, Software and Implementation Services 	<ul style="list-style-type: none"> • Mater Sales Agreement • Quarterly Executive Meetings

Security Audit

Item	Action	Date
Optimize Security Patch Management	Patch all Hardware platforms Create a Patch Management Process	Completed Aug, 2012
Formally Establish Security Configuration Standards	Create a documented standard for all hardware configuration	Completed Aug, 2012
Establish DMZ	Establish Firewalls to create a security DMZ	Completed Nov, 2012
Restrict network traffic via network segmentation	Set-up rules to restrict traffics across Liberty internal networks	Completed Nov, 2012
Monitor Network for Security Events	Implement a logging solution to monitor and report on logs	ETA March 2013

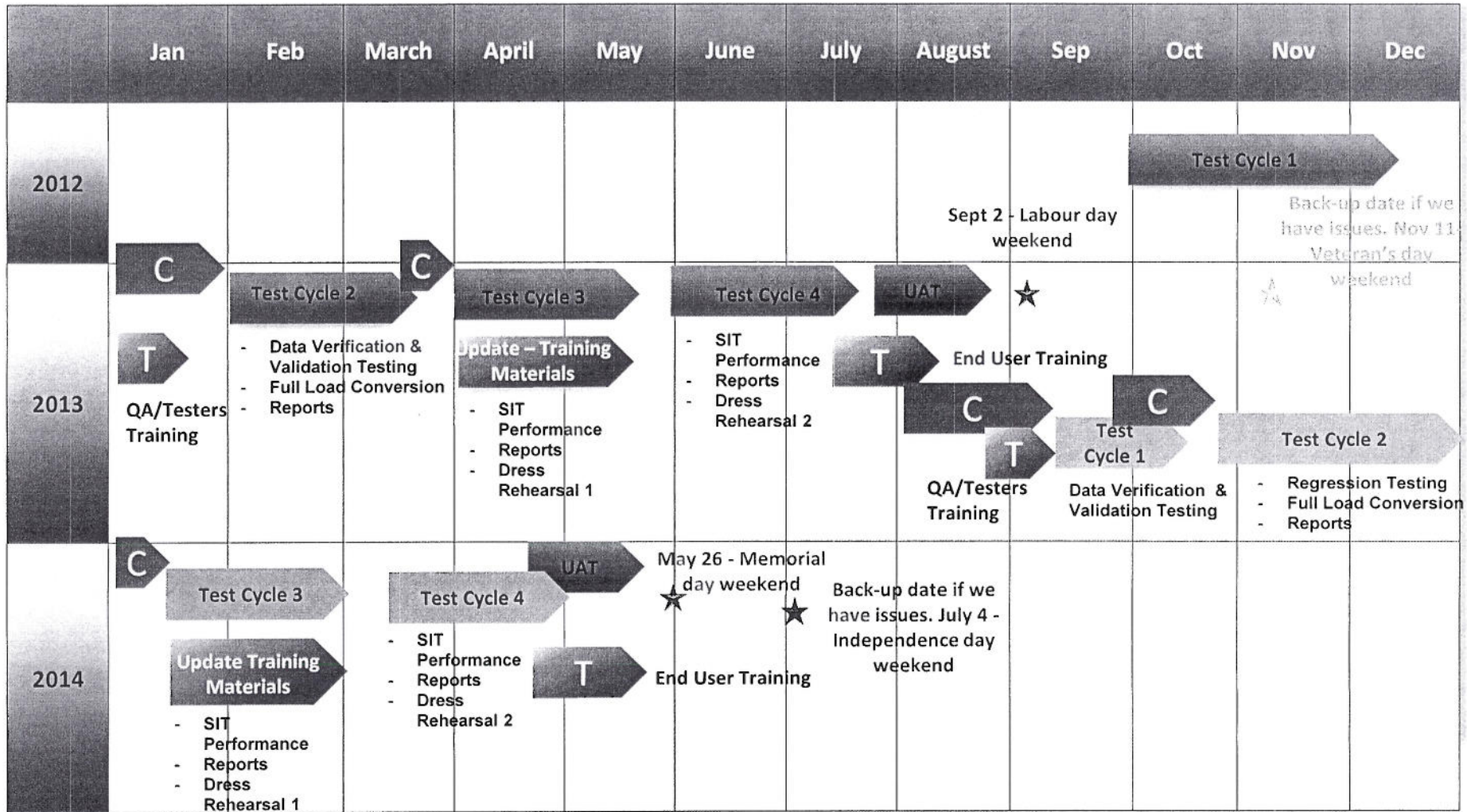
Telvent Security Incident

The Telvent Incident

- On Sept 10, 2012, Telvent, National Grid's provider of Gas Management SCADA systems, became aware of a breach of their firewall and security systems by an unknown attacker. The attackers lured Telvent employees to open an email and attachment which then downloaded malware onto their PC's. It is then believed that the attackers remotely accessed several Telvent computers located in their offices and downloaded copies of certain project archive files related to SCADA systems.
 - Telvent confirmed immediately that the information downloaded did not contain any information that would enable the intruders to gain any access to their customers' systems.
 - Telvent's belief is that the objective of the attack was to obtain Telvent's intellectual property rather than to inflict malicious damage to their system.
 - National Grid was never in any danger of intrusion. National Grid's GMS SCADA system is internally hosted in a National Grid Control Center, and protected by a customized Corporate and CNI (Critical National Infrastructure) firewall. It also runs on a dedicated CNI network, independent of NG's Corporate network, for further security.
 - Even so, NG conducted a complete manual review of the system for indications of any compromise, and none was found. As a precautionary measure, NG suspended all VPN connectivity access between the two companies. In addition, NG disabled all security tokens, users ids, and passwords and set us new ones.
 - Telvent has since implemented new, improved security procedures on their side to prevent this from happening in the future

Appendix

NH - GAS & ELECTRIC - Meter to Cash – PROJECT TIMELINES




★ Go Live

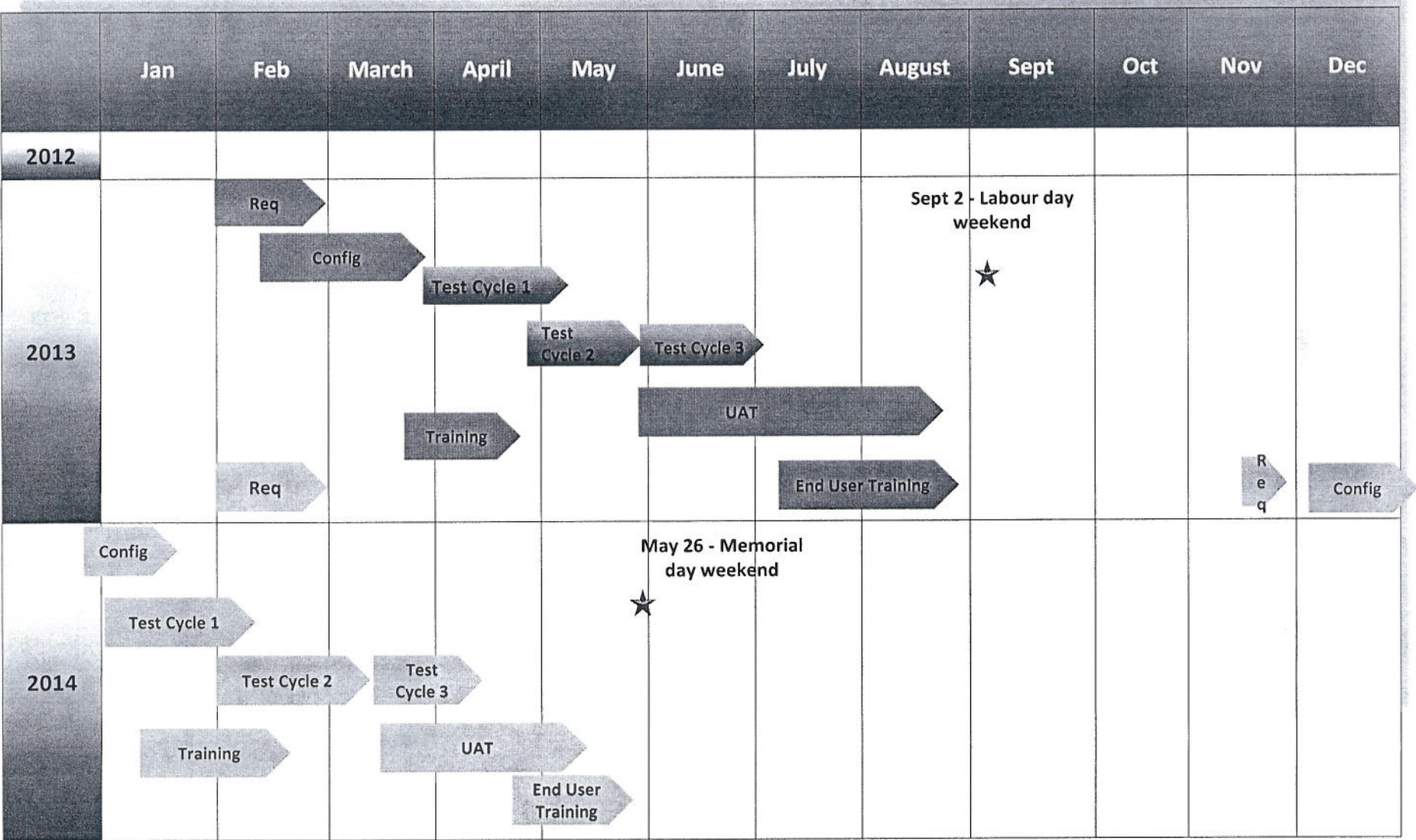
 Training UAT

Gas

 Electric

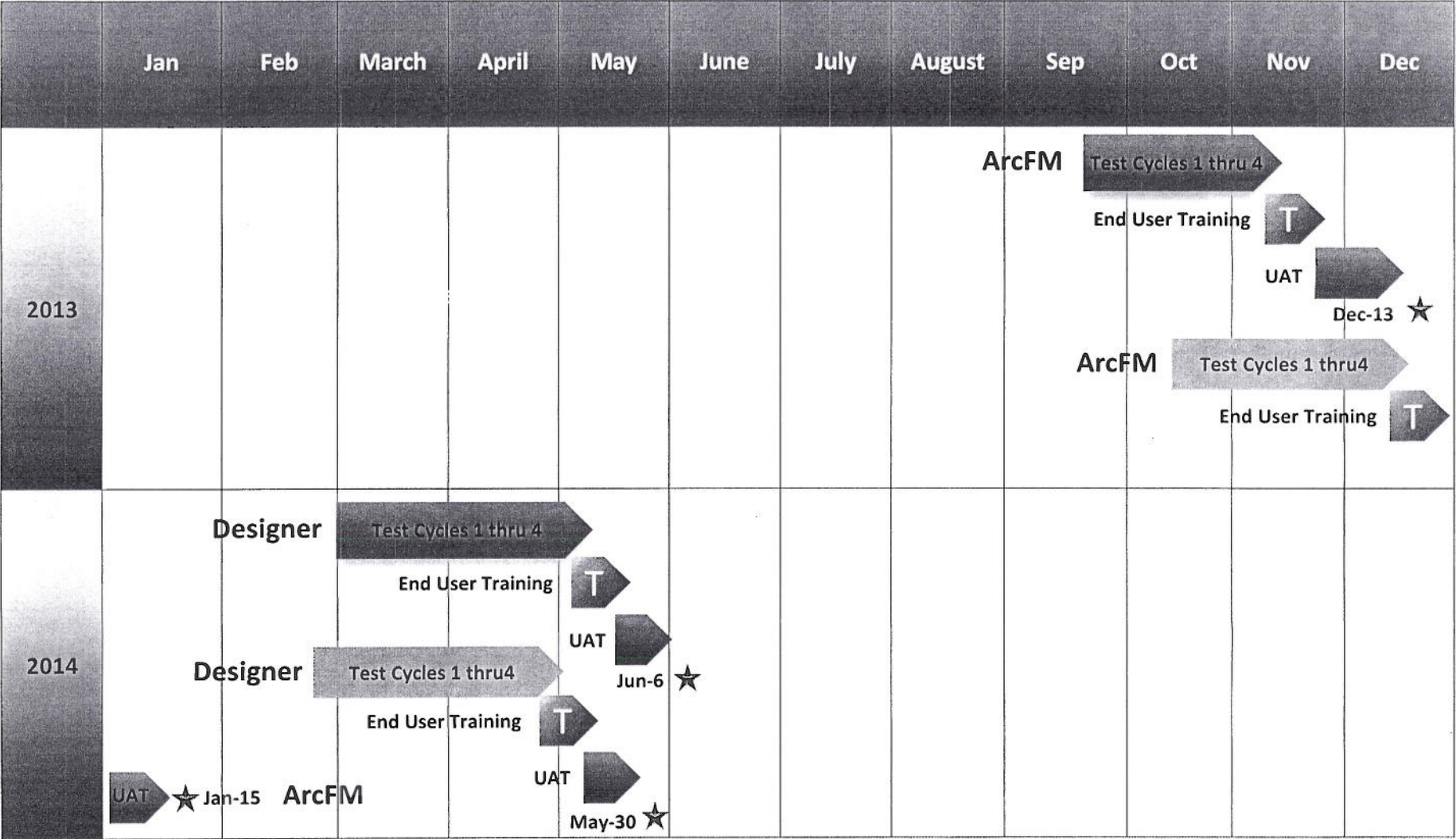
 Build Data conversion

NH – GAS & ELECTRIC ERP - PROJECT TIMELINES



★ Go Live Gas Electric

NH – GAS & ELECTRIC GIS (ArcFM & Designer) - PROJECT TIMELINES



★ Go Live

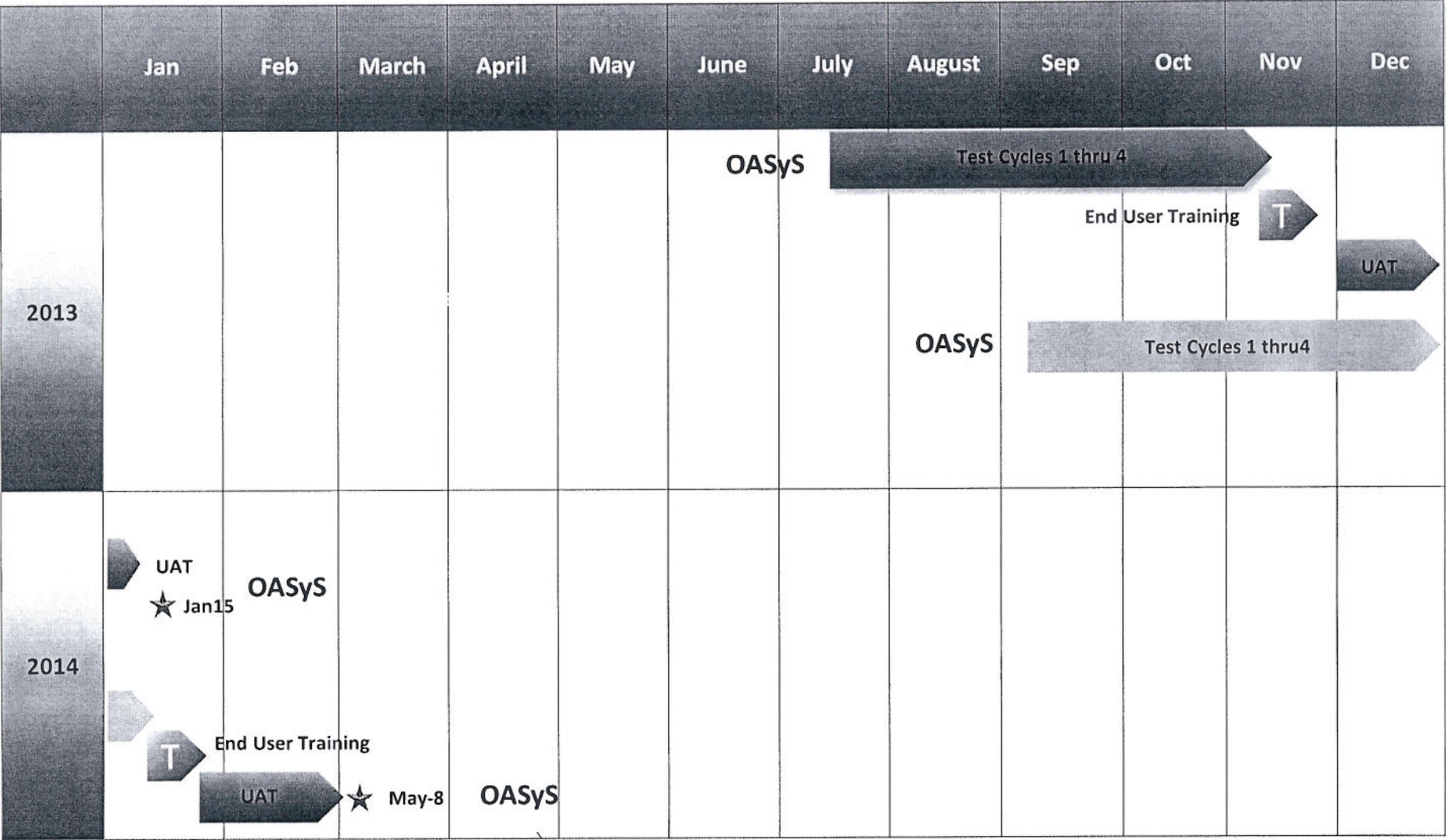
Training

UAT

Gas

Electric

NH –GAS & ELECTRIC SCADA (OASyS) - PROJECT TIMELINES



Go Live



Training



UAT

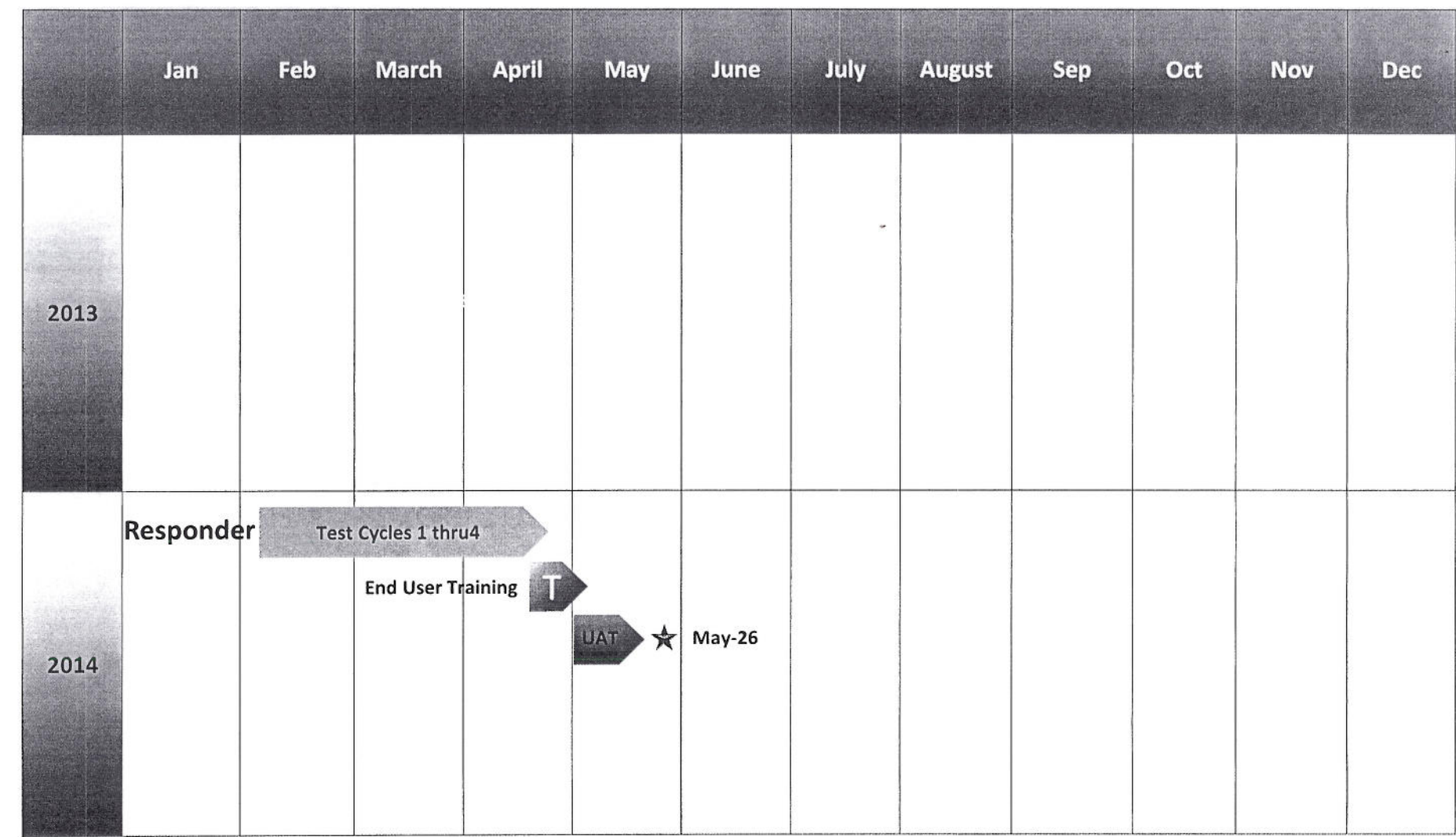


Gas



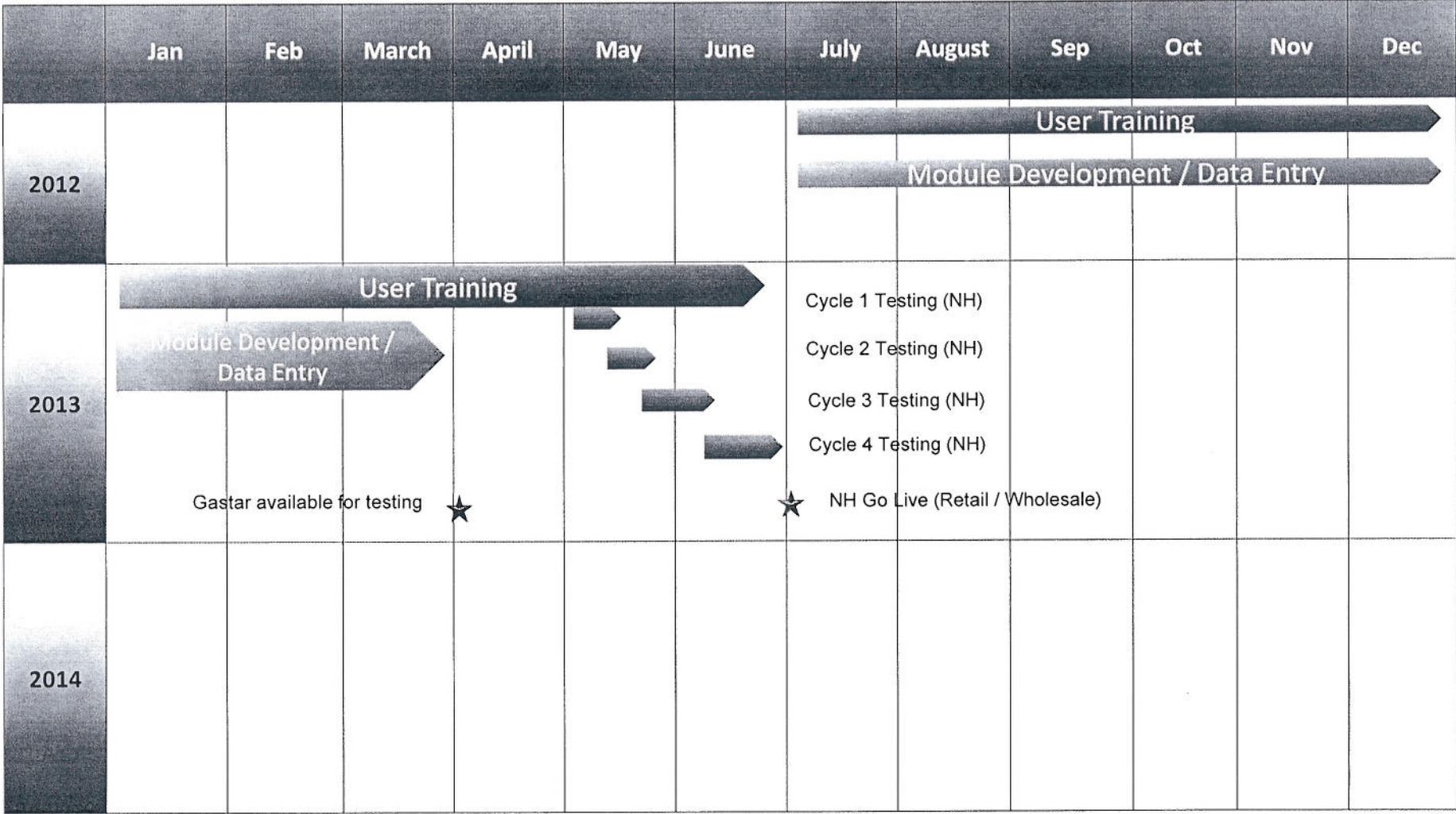
Electric

NH – ELECTRIC Outage Management (Responder) - PROJECT TIMELINES



★ Go Live Training UAT Gas Electric

NH – GASTAR - PROJECT TIMELINES



Go Live



Training



UAT



Gas



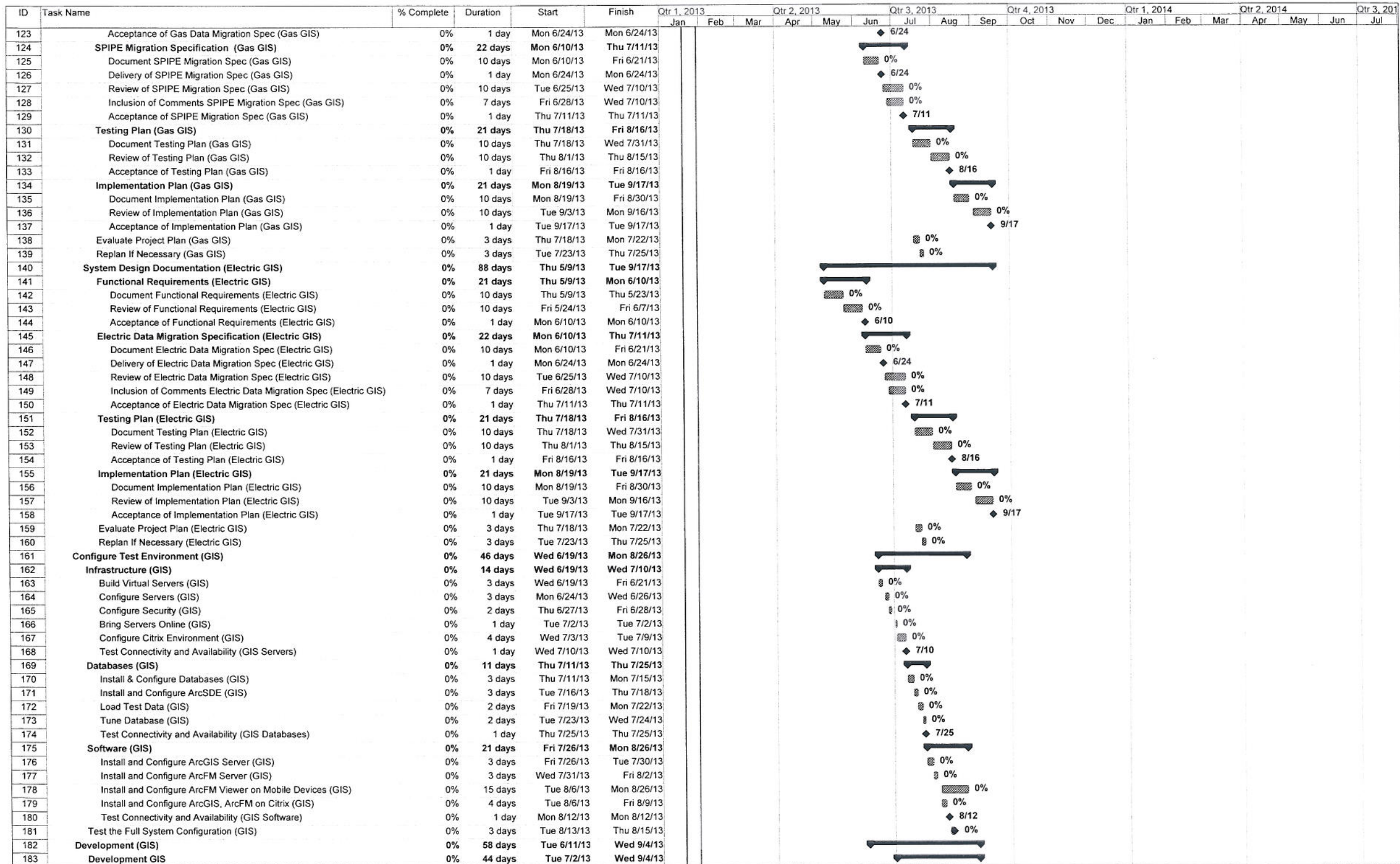
Electric



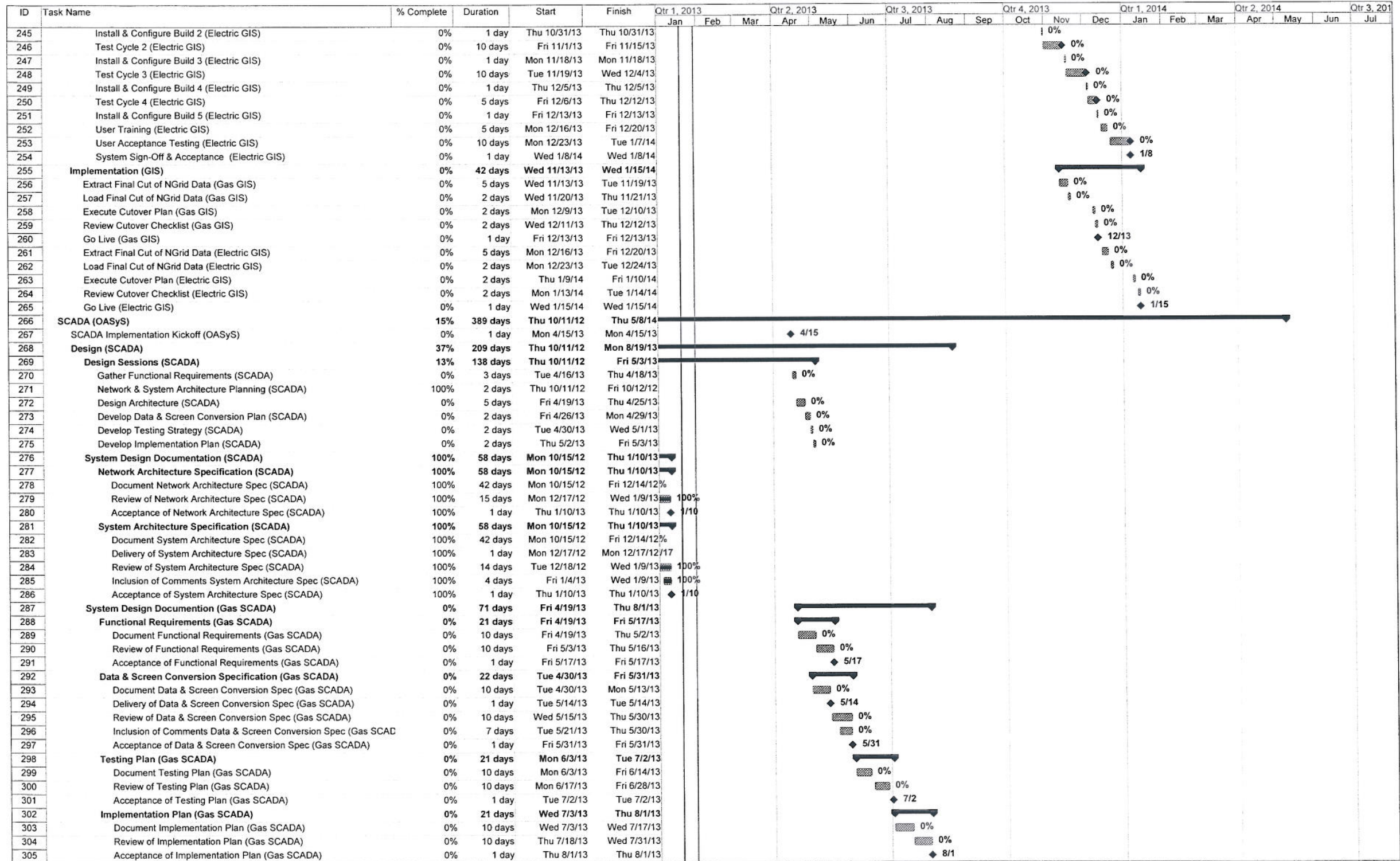
Build Data
conversion

ID	Task Name	% Complete	Duration	Start	Finish	Qtr 1, 2013			Qtr 2, 2013			Qtr 3, 2013			Qtr 4, 2013			Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014		
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	Engineering & Operations Day 2 to N	19%	544 days	Fri 3/30/12	Fri 6/6/14																					
2	Engineering & Operations Discovery & Definition	83%	232 days	Fri 3/30/12	Thu 3/7/13																					
3	Project Initiation	100%	3 days	Fri 3/30/12	Tue 4/3/12																					
4	Project Kickoff Meeting	100%	1 day	Fri 3/30/12	Fri 3/30/12																					
5	ArcFM Solution Functional Overview (Gas)	100%	2 days	Mon 4/2/12	Tue 4/3/12																					
6	ArcFM Solution Functional Overview (Electric)	100%	2 days	Mon 4/2/12	Tue 4/3/12																					
7	Workshops	100%	66 days	Mon 4/9/12	Wed 7/11/12																					
8	ArcFM/Designer/Workflow Manager Workshops (Gas)	100%	4 days	Mon 4/9/12	Thu 4/12/12																					
9	Business Process Diagrams (Gas)	100%	1 day	Mon 4/30/12	Mon 4/30/12																					
10	ArcFM/Designer/Workflow Manager Workshops (Electric)	100%	4 days	Mon 4/16/12	Thu 4/19/12																					
11	Business Process Diagrams (Electric)	100%	1 day	Mon 4/30/12	Mon 4/30/12																					
12	Responder Workshops (Electric)	100%	2 days	Wed 5/9/12	Thu 5/10/12																					
13	Responder Workshops (Electric) Notes	100%	1 day	Fri 5/11/12	Fri 5/11/12																					
14	SCADA Workshops (Gas)	100%	2 days	Tue 5/22/12	Wed 5/23/12																					
15	SCADA Workshops (Gas) Notes	100%	1 day	Thu 5/24/12	Thu 5/24/12																					
16	SCADA Workshops (Electric) Notes	100%	1 day	Thu 5/24/12	Thu 5/24/12																					
17	System Architecture Workshop (Gas)	100%	1 day	Tue 7/10/12	Tue 7/10/12																					
18	System Architecture Workshop (Electric)	100%	1 day	Tue 7/10/12	Tue 7/10/12																					
19	System Architecture Workshops (Gas & Electric) Notes	100%	1 day	Wed 7/11/12	Wed 7/11/12																					
20	MDM Workshops	100%	2 days	Mon 6/11/12	Tue 6/12/12																					
21	MDM Workshop Notes	100%	1 day	Wed 6/13/12	Wed 6/13/12																					
22	Gaps, Integrations & Requirements Verified	100%	1 day	Fri 6/22/12	Fri 6/22/12																					
23	Requirements Documentation (Gas)	100%	27 days	Mon 6/25/12	Wed 8/1/12																					
24	Telvent Compilation of Requirements Document (Gas)	100%	5 days	Mon 6/25/12	Fri 6/29/12																					
25	Delivery of Draft Requirements Document (Gas)	100%	0 days	Fri 6/29/12	Fri 6/29/12																					
26	Requirements Document (Gas) Review by Liberty	100%	2 days	Tue 7/3/12	Wed 7/4/12																					
27	Requirements Document (Gas) Review Meeting	100%	1 day	Thu 7/5/12	Thu 7/5/12																					
28	Telvent Inclusion of Requirements Revisions (Gas)	100%	17 days	Fri 7/6/12	Mon 7/30/12																					
29	Liberty Review of Requirements Revisions (Gas)	100%	2 days	Tue 7/31/12	Wed 8/1/12																					
30	Liberty Acceptance of Requirements Document (Gas)	100%	0 days	Wed 8/1/12	Wed 8/1/12																					
31	Requirements Documentation (Electric)	100%	27 days	Mon 6/25/12	Wed 8/1/12																					
32	Telvent Compilation of Requirements Document (Electric)	100%	5 days	Mon 6/25/12	Fri 6/29/12																					
33	Delivery of Draft Requirements Document (Electric)	100%	0 days	Fri 6/29/12	Fri 6/29/12																					
34	Requirements Document (Electric) Review by Liberty	100%	2 days	Tue 7/3/12	Wed 7/4/12																					
35	Requirements Document (Electric) Review Meeting	100%	1 day	Thu 7/5/12	Thu 7/5/12																					
36	Telvent Inclusion of Requirements Revisions (Electric)	100%	17 days	Fri 7/6/12	Mon 7/30/12																					
37	Liberty Review of Requirements Revisions (Electric)	100%	2 days	Tue 7/31/12	Wed 8/1/12																					
38	Liberty Acceptance of Requirements Document (Electric)	100%	0 days	Wed 8/1/12	Wed 8/1/12																					
39	Statement of Work Documentation	81%	160 days	Tue 7/3/12	Tue 2/26/13																					
40	Telvent Compilation of SOW Document	100%	5 days	Tue 7/3/12	Mon 7/9/12																					
41	Delivery of SOW Documents	100%	0 days	Mon 7/9/12	Mon 7/9/12																					
42	Review of SoW Documents by Liberty	82%	155 days	Tue 7/10/12	Tue 2/26/13																					
43	Telvent Inclusion of SOW Revisions	80%	145 days	Tue 7/24/12	Tue 2/26/13																					
44	SOW Final Revisions	50%	113 days	Wed 9/5/12	Thu 2/21/13																					
45	Liberty Review of SOW Final Revisions (SCADA)	100%	2 days	Wed 9/5/12	Thu 9/6/12																					
46	Liberty Acceptance of SOW (SCADA)	100%	0 days	Mon 12/17/12	Mon 12/17/12/17																					
47	Liberty Review of SOW Final Revisions (ArcFM)	100%	2 days	Mon 9/10/12	Tue 9/11/12																					
48	Liberty Acceptance of SOW (ArcFM)	100%	0 days	Mon 12/17/12	Mon 12/17/12/17																					
49	Liberty Review of SOW Final Revisions (Designer)	0%	2 days	Wed 2/20/13	Thu 2/21/13																					
50	Liberty Acceptance of SOW (Designer)	0%	0 days	Thu 2/21/13	Thu 2/21/13																					
51	Liberty Review of SOW Final Revisions (Responder)	0%	2 days	Wed 2/20/13	Thu 2/21/13																					
52	Liberty Acceptance of SOW (Responder)	0%	0 days	Thu 2/21/13	Thu 2/21/13																					
53	Acquire Sample Data	100%	112 days	Fri 5/11/12	Mon 10/22/12																					
54	GE Smallworld Sample Data from NG (Electric)	100%	1 day	Fri 5/11/12	Fri 5/11/12																					
55	ArcFM Sample Data from NG (Gas)	100%	1 day	Fri 5/11/12	Fri 5/11/12																					
56	GE Smallworld Sample Data to Telvent (Electric)	100%	1 day	Wed 5/16/12	Wed 5/16/12																					
57	ArcFM Sample Data to Telvent (Gas)	100%	1 day	Wed 5/16/12	Wed 5/16/12																					
58	ArcFM Symbolology (Gas)	100%	1 day	Mon 10/22/12	Mon 10/22/12																					
59	ArcFM Symbolology (Electric)	100%	1 day	Mon 10/22/12	Mon 10/22/12																					
60	Project Planning	100%	31 days	Tue 6/19/12	Wed 8/1/12																					
61	Develop Project Plan	100%	6 days	Tue 6/19/12	Tue 6/26/12																					

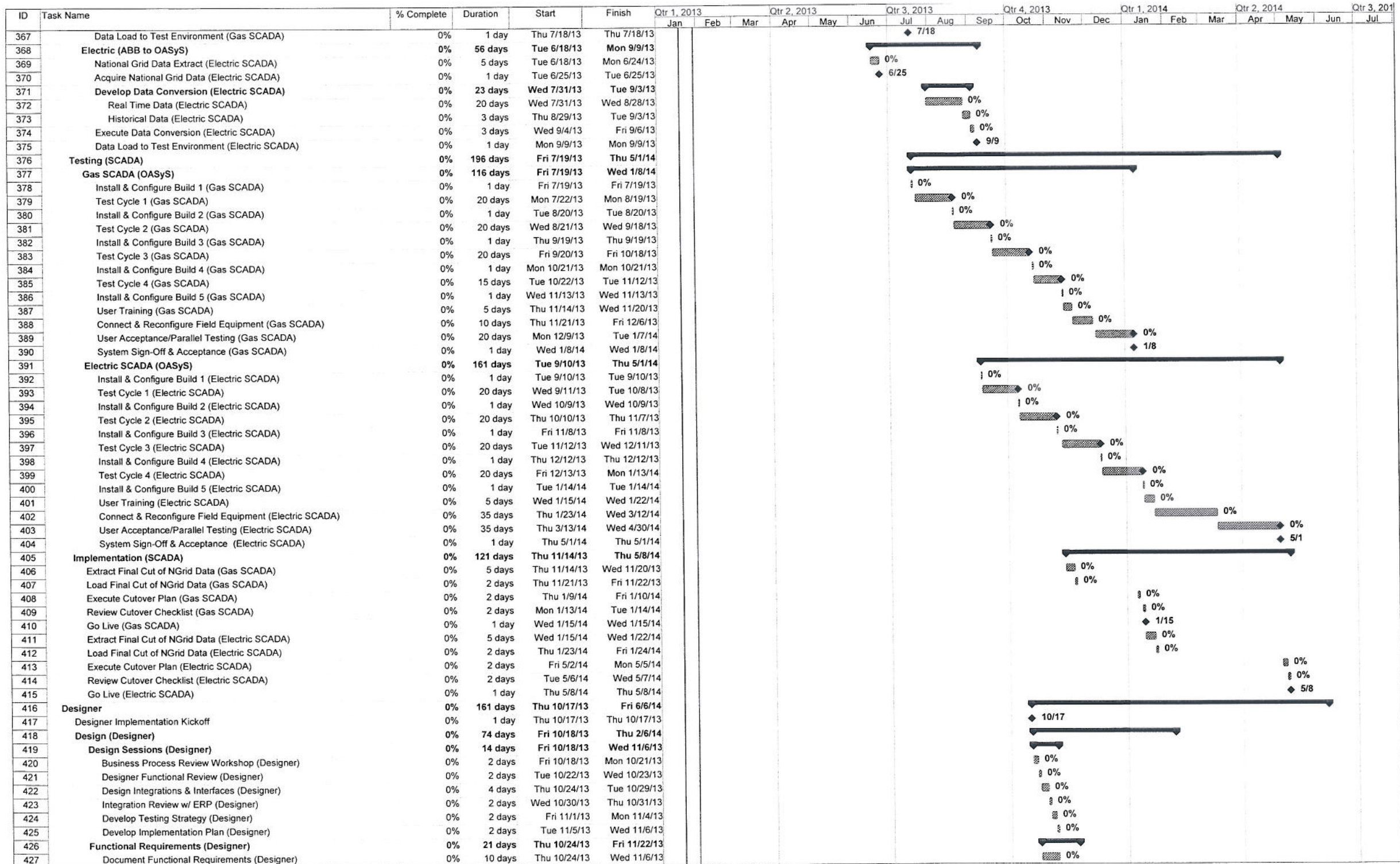
ID	Task Name	% Complete	Duration	Start	Finish	Qtr 1, 2013			Qtr 2, 2013			Qtr 3, 2013			Qtr 4, 2013			Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014		
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul		
62	PUC Plan Review Meeting	100%	1 day	Wed 6/27/12	Wed 6/27/12																					
63	Develop Project Plan	100%	13 days	Thu 6/28/12	Tue 7/17/12																					
64	FINAL - PUC Submitted Plan Meeting	100%	1 day	Wed 7/18/12	Wed 7/18/12																					
65	Develop Project Plan	100%	9 days	Thu 7/19/12	Tue 7/31/12																					
66	Submit Transition Replan for PUC	100%	1 day	Wed 8/1/12	Wed 8/1/12																					
67	Approvals	50%	54 days	Mon 12/17/12	Thu 3/7/13																					
68	Liberty Utilities PO Approval for Software & Services (SCADA)	100%	10 days	Mon 12/17/12	Wed 1/2/13	100%																				
69	Liberty Utilities PO Approval for Software & Services (ArcFM)	100%	10 days	Mon 12/17/12	Wed 1/2/13	100%																				
70	Liberty Utilities PO Approval for Software & Services (Designer)	0%	10 days	Fri 2/22/13	Thu 3/7/13																					
71	Liberty Utilities PO Approval for Software & Services (Responder)	0%	10 days	Fri 2/22/13	Thu 3/7/13																					
72	Transfer Plans & Coordination	100%	73 days	Tue 10/2/12	Tue 1/22/13																					
73	Data Transfer & Integration Dependency Workshops	100%	3 days	Tue 10/2/12	Thu 10/4/12																					
74	Document Transfer Strategies	100%	70 days	Fri 10/5/12	Tue 1/22/13																					
75	GIS (ArcFM)	0%	174 days	Wed 5/1/13	Wed 1/15/14																					
76	GIS Implementation Kickoff (ArcFM)	0%	1 day	Wed 5/1/13	Wed 5/1/13																					
77	Project Team Training (GIS)	0%	6 days	Thu 5/2/13	Thu 5/9/13																					
78	Accelerated Working w/ ArcFM	0%	3 days	Thu 5/2/13	Mon 5/6/13																					
79	Accelerated Working w/ ArcFM Viewer	0%	2 days	Tue 5/7/13	Wed 5/8/13																					
80	ArcFM Configuration Seminar	0%	1 day	Thu 5/9/13	Thu 5/9/13																					
81	Design (GIS)	0%	88 days	Thu 5/9/13	Tue 9/17/13																					
82	Design Sessions (GIS)	0%	20 days	Fri 5/10/13	Mon 6/10/13																					
83	Design Architecture and Configuration (GIS)	0%	4 days	Fri 5/10/13	Wed 5/15/13																					
84	Data Migration/Conversion Specifications (GIS)	0%	5 days	Thu 5/16/13	Thu 5/23/13																					
85	Electric Migration Specification Workshop (GIS)	0%	2 days	Thu 5/16/13	Fri 5/17/13																					
86	Gas Data Model Review Workshop (GIS)	0%	2 days	Tue 5/21/13	Wed 5/22/13																					
87	SPIE Migration Specification Workshop (GIS)	0%	1 day	Thu 5/23/13	Thu 5/23/13																					
88	Design Integrations & Interfaces (GIS)	0%	7 days	Fri 5/24/13	Tue 6/4/13																					
89	Asset Inventory Synchronization Workshop (GIS)	0%	3 days	Fri 5/24/13	Wed 5/29/13																					
90	Cogsdale Data Integration Workshop (GIS)	0%	2 days	Thu 5/30/13	Fri 5/31/13																					
91	Integration Review w/ M2C and ERP (GIS)	0%	2 days	Mon 6/3/13	Tue 6/4/13																					
92	Develop Testing Strategy (GIS)	0%	2 days	Wed 6/5/13	Thu 6/6/13																					
93	Develop Implementation Plan (GIS)	0%	2 days	Fri 6/7/13	Mon 6/10/13																					
94	System Design Documentation (GIS)	0%	41 days	Thu 5/16/13	Wed 7/17/13																					
95	Architecture & Configuration Specification (GIS)	0%	22 days	Thu 5/16/13	Tue 6/18/13																					
96	Document Architecture & Configuration Spec (GIS)	0%	10 days	Thu 5/16/13	Fri 5/31/13																					
97	Delivery of Architecture & Configuration Spec (GIS)	0%	1 day	Mon 6/3/13	Mon 6/3/13																					
98	Review of Architecture & Configuration Spec (GIS)	0%	10 days	Tue 6/4/13	Mon 6/17/13																					
99	Inclusion of Comments Architecture & Configuration Spec (GIS)	0%	7 days	Fri 6/7/13	Mon 6/17/13																					
100	Acceptance of Architecture & Configuration Spec (GIS)	0%	1 day	Tue 6/18/13	Tue 6/18/13																					
101	Asset Inventory Synchronization Specification (GIS)	0%	22 days	Thu 5/30/13	Fri 6/28/13																					
102	Asset Inventory Synch Spec (GIS)	0%	10 days	Thu 5/30/13	Wed 6/12/13																					
103	Delivery of Asset Inventory Synch Spec (GIS)	0%	1 day	Thu 6/13/13	Thu 6/13/13																					
104	Review of Asset Inventory Synch Spec (GIS)	0%	10 days	Fri 6/14/13	Thu 6/27/13																					
105	Inclusion of Comments Asset Inventory Synch Spec (GIS)	0%	7 days	Wed 6/19/13	Thu 6/27/13																					
106	Acceptance of Asset Inventory Synch Spec (GIS)	0%	1 day	Fri 6/28/13	Fri 6/28/13																					
107	Cogsdale Data Integration Specification (GIS)	0%	22 days	Fri 6/14/13	Wed 7/17/13																					
108	Cogsdale Data Integration Spec (GIS)	0%	10 days	Fri 6/14/13	Thu 6/27/13																					
109	Delivery of Cogsdale Data Integration Spec (GIS)	0%	1 day	Fri 6/28/13	Fri 6/28/13																					
110	Review of Cogsdale Data Integration Spec (GIS)	0%	10 days	Tue 7/2/13	Tue 7/16/13																					
111	Inclusion of Comments Cogsdale Data Integration Spec (GIS)	0%	7 days	Mon 7/8/13	Tue 7/16/13																					
112	Acceptance of Cogsdale Data Integration Spec (GIS)	0%	1 day	Wed 7/17/13	Wed 7/17/13																					
113	System Design Documentation (Gas GIS)	0%	88 days	Thu 5/9/13	Tue 9/17/13																					
114	Functional Requirements (Gas GIS)	0%	21 days	Thu 5/9/13	Mon 6/10/13																					
115	Document Functional Requirements (Gas GIS)	0%	10 days	Thu 5/9/13	Thu 5/23/13																					
116	Review of Functional Requirements (Gas GIS)	0%	10 days	Fri 5/24/13	Fri 6/7/13																					
117	Acceptance of Functional Requirements (Gas GIS)	0%	1 day	Mon 6/10/13	Mon 6/10/13																					
118	Gas Data Migration Specification (Gas GIS)	0%	22 days	Thu 5/23/13	Mon 6/24/13																					
119	Document Gas Data Migration Spec (Gas GIS)	0%	10 days	Thu 5/23/13	Thu 6/6/13																					
120	Delivery of Gas Data Migration Spec (Gas GIS)	0%	1 day	Fri 6/7/13	Fri 6/7/13																					
121	Review of Gas Data Migration Spec (Gas GIS)	0%	10 days	Mon 6/10/13	Fri 6/21/13																					
122	Inclusion of Comments Gas Data Migration Spec (Gas GIS)	0%	7 days	Thu 6/13/13	Fri 6/21/13																					



ID	Task Name	% Complete	Duration	Start	Finish	Qtr 1, 2013			Qtr 2, 2013			Qtr 3, 2013			Qtr 4, 2013			Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014		
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
184	Asset Inventory Synchronization	0%	43 days	Tue 7/2/13	Tue 9/3/13																					
185	Develop Asset Inventory Synchronization (GIS)	0%	25 days	Tue 7/2/13	Wed 8/7/13																					
186	LU Review Asset Inventory Synchronization Prototype (GIS)	0%	1 day	Thu 8/8/13	Thu 8/8/13																					
187	Finalize Asset Inventory Synchronization (GIS)	0%	15 days	Fri 8/9/13	Thu 8/29/13																					
188	LU Review Asset Inventory Synchronization Release (GIS)	0%	1 day	Fri 8/30/13	Fri 8/30/13																					
189	Sign Off & Acceptance Asset Inventory Synchronization (GIS)	0%	1 day	Tue 9/3/13	Tue 9/3/13																					
190	Cogsdale (CIS) Integration w/ ArcFM (GIS)	0%	33 days	Thu 7/18/13	Wed 9/4/13																					
191	Develop Cogsdale (CIS) Integration (GIS)	0%	15 days	Thu 7/18/13	Thu 8/8/13																					
192	LU Review Cogsdale (CIS) Integration Prototype (GIS)	0%	1 day	Fri 8/9/13	Fri 8/9/13																					
193	Finalize Cogsdale (CIS) Integration (GIS)	0%	15 days	Mon 8/12/13	Fri 8/30/13																					
194	LU Review Cogsdale (CIS) Integration Release (GIS)	0%	1 day	Tue 9/3/13	Tue 9/3/13																					
195	Sign Off & Acceptance Cogsdale (CIS) Integration (GIS)	0%	1 day	Wed 9/4/13	Wed 9/4/13																					
196	Development Electric GIS (SmallWorld to ArcFM)	0%	10 days	Tue 6/11/13	Mon 6/24/13																					
197	Reproduce Feeder Index Map Book Generator (Electric GIS)	0%	10 days	Tue 6/11/13	Mon 6/24/13																					
198	Data Conversion/Migration (GIS)	0%	76 days	Tue 6/25/13	Tue 10/15/13																					
199	Gas (ArcFM to ArcFM)	0%	38 days	Tue 6/25/13	Tue 8/20/13																					
200	National Grid Data Extract (Gas GIS)	0%	5 days	Tue 6/25/13	Tue 7/2/13																					
201	Acquire National Grid Data (Gas GIS)	0%	1 day	Wed 7/3/13	Wed 7/3/13																					
202	Develop Data Migration (Gas GIS)	0%	15 days	Fri 7/5/13	Thu 7/25/13																					
203	Execute Data Migration (Gas GIS)	0%	2 days	Fri 7/26/13	Mon 7/29/13																					
204	Data Load to Test Environment (Gas GIS)	0%	1 day	Fri 8/16/13	Fri 8/16/13																					
205	Configure and Run Asset ID Generator (Gas GIS)	0%	2 days	Mon 8/19/13	Tue 8/20/13																					
206	Electric (Smallworld to ArcFM)	0%	65 days	Fri 7/12/13	Tue 10/15/13																					
207	National Grid Data Extract (Electric GIS)	0%	5 days	Fri 7/12/13	Thu 7/18/13																					
208	Acquire National Grid Data (Electric GIS)	0%	1 day	Fri 7/19/13	Fri 7/19/13																					
209	Develop Data Conversion (Electric GIS)	0%	10 days	Mon 7/22/13	Fri 8/2/13																					
210	LU Review of Pilot Conversion (Electric GIS)	0%	10 days	Tue 8/6/13	Mon 8/19/13																					
211	Adjust Conversion Spec & Routines (Electric GIS)	0%	15 days	Tue 8/20/13	Tue 9/10/13																					
212	Rerun Pilot Conversion (Electric GIS)	0%	10 days	Wed 9/11/13	Tue 9/24/13																					
213	LU Final Review of Pilot Conversion (Electric GIS)	0%	10 days	Wed 9/25/13	Tue 10/8/13																					
214	LU Data Conversion Sign Off & Acceptance (Electric GIS)	0%	1 day	Wed 10/9/13	Wed 10/9/13																					
215	Data Load to Test Environment (Electric GIS)	0%	1 day	Thu 10/10/13	Thu 10/10/13																					
216	Configure and Run Asset ID Generator (Electric GIS)	0%	2 days	Fri 10/11/13	Tue 10/15/13																					
217	SPIPE Conversion (Gas GIS)	0%	59 days	Fri 7/12/13	Fri 10/4/13																					
218	National Grid Data Extract (Electric GIS)	0%	5 days	Fri 7/12/13	Thu 7/18/13																					
219	Acquire National Grid Data (Electric GIS)	0%	1 day	Fri 7/19/13	Fri 7/19/13																					
220	Develop SPIPE Conversion (Gas GIS)	0%	10 days	Fri 7/26/13	Fri 8/9/13																					
221	LU Review of Pilot SPIPE Conversion (Gas GIS)	0%	8 days	Mon 8/12/13	Wed 8/21/13																					
222	Adjust Pilot SPIPE Conversion Spec & Routines (Gas GIS)	0%	10 days	Thu 8/22/13	Thu 9/5/13																					
223	Rerun Pilot SPIPE Conversion (Gas GIS)	0%	2 days	Fri 9/6/13	Mon 9/9/13																					
224	LU Final Review of Pilot SPIPE Conversion (Gas GIS)	0%	7 days	Tue 9/10/13	Wed 9/18/13																					
225	LU SPIPE Conversion Sign Off & Acceptance (Gas GIS)	0%	1 day	Thu 9/19/13	Thu 9/19/13																					
226	Data Load to Test Environment (Gas GIS)	0%	1 day	Fri 9/20/13	Fri 9/20/13																					
227	Rebuild SPIPE Crystal Reports	0%	10 days	Mon 9/23/13	Fri 10/4/13																					
228	Testing (GIS)	0%	72 days	Mon 9/23/13	Wed 1/8/14																					
229	Gas GIS (ArcFM)	0%	51 days	Mon 9/23/13	Fri 12/6/13																					
230	Install & Configure Build 1 (Gas GIS)	0%	1 day	Mon 9/23/13	Mon 9/23/13																					
231	Test Cycle 1 (Gas GIS)	0%	10 days	Tue 9/24/13	Mon 10/7/13																					
232	Install & Configure Build 2 (Gas GIS)	0%	1 day	Tue 10/8/13	Tue 10/8/13																					
233	Test Cycle 2 (Gas GIS)	0%	10 days	Wed 10/9/13	Wed 10/23/13																					
234	Install & Configure Build 3 (Gas GIS)	0%	1 day	Thu 10/24/13	Thu 10/24/13																					
235	Test Cycle 3 (Gas GIS)	0%	5 days	Fri 10/25/13	Thu 10/31/13																					
236	Install & Configure Build 4 (Gas GIS)	0%	1 day	Fri 11/1/13	Fri 11/1/13																					
237	Test Cycle 4 (Gas GIS)	0%	5 days	Mon 11/4/13	Fri 11/8/13																					
238	Install & Configure Build 5 (Gas GIS)	0%	1 day	Tue 11/12/13	Tue 11/12/13																					
239	User Training (Gas GIS)	0%	5 days	Wed 11/13/13	Tue 11/19/13																					
240	User Acceptance Testing (Gas GIS)	0%	10 days	Wed 11/20/13	Thu 12/5/13																					
241	System Sign-Off & Acceptance (Gas GIS)	0%	1 day	Fri 12/6/13	Fri 12/6/13																					
242	Electric GIS (ArcFM)	0%	56 days	Wed 10/16/13	Wed 1/8/14																					
243	Install & Configure Build 1 (Electric GIS)	0%	1 day	Wed 10/16/13	Wed 10/16/13																					
244	Test Cycle 1 (Electric GIS)	0%	10 days	Thu 10/17/13	Wed 10/30/13																					



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ID	Task Name	% Complete	Duration	Start	Finish	Qtr 1, 2013			Qtr 2, 2013			Qtr 3, 2013			Qtr 4, 2013			Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
672	Reconfigure Sharepoint 2 (DMS)	0%	1 day	Thu 7/25/13	Thu 7/25/13								7/25											
673	Test Cycle 3 (DMS)	0%	10 days	Fri 7/26/13	Fri 8/9/13								8/12	0%										
674	Reconfigure Sharepoint 3 (DMS)	0%	1 day	Mon 8/12/13	Mon 8/12/13								8/12											
675	Test Cycle 4 (DMS)	0%	10 days	Tue 8/13/13	Mon 8/26/13								8/27	0%										
676	Reconfigure Sharepoint 4 (DMS)	0%	1 day	Tue 8/27/13	Tue 8/27/13								8/27											
677	User Training (DMS)	0%	10 days	Wed 8/28/13	Wed 9/11/13								9/26	0%										
678	User Acceptance Testing (DMS)	0%	10 days	Thu 9/12/13	Wed 9/25/13								9/26											
679	System Sign-Off & Acceptance (DMS)	0%	1 day	Thu 9/26/13	Thu 9/26/13								9/26											
680	Implementation (DMS)	0%	5 days	Fri 9/27/13	Thu 10/3/13								10/3	0%										
681	Execute Cutover Plan (DMS)	0%	2 days	Fri 9/27/13	Mon 9/30/13								10/3											
682	Review Cutover Checklist (DMS)	0%	2 days	Tue 10/1/13	Wed 10/2/13								10/3											
683	Go Live (DMS)	0%	1 day	Thu 10/3/13	Thu 10/3/13								10/3											
684																								
685	Liberty Complete	0%	1 day	Thu 7/31/14	Thu 7/31/14																			

ID	Task Name	% Complete	Duration	Start	Finish	Predecessors	Resource Names	2013																											
								Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan				
1	Gastar - New Hampshire Implementation	43%	397 days?	Tue 27/03/12	Tue 01/10/13																														
2	Discovery & Definition	100%	13 days	Tue 27/03/12	Thu 12/04/12																														
3	Project Kickoff Meeting	100%	1 day	Tue 27/03/12	Tue 27/03/12		National Grid IS, ENSYTE, NG Transition Team, Liberty team																												
4	Gastar Functional Overview	100%	2 days	Wed 04/04/12	Thu 05/04/12	3	National Grid IS, ENSYTE, NG Transition Team, Liberty team																												
5	Gastar Functional Overview Notes	100%	2 days	Wed 11/04/12	Thu 12/04/12	4	ENSYTE, R. Ferrari																												
6	Workshops	100%	87 days	Mon 02/04/12	Tue 31/07/12																														
7	Existing NG Business Process and Data Flow Review	100%	2 days	Mon 02/04/12	Tue 03/04/12		National Grid IS, NG SMEs, Liberty team, ENSYTE, NG Transition Team																												
8	Gastar Business Training Phase 1	100%	3 days	Mon 23/04/12	Wed 25/04/12	7	ENSYTE, NG Transition Team																												
9	Business Process Harmonization Workshop	100%	3 days	Tue 08/05/12	Thu 10/05/12	8	NG IS, Liberty, ENSYTE																												
10	Business Process Diagrams	100%	47 days	Mon 28/05/12	Tue 31/07/12	9	R. Ferrari, ENSYTE																												
11	Gastar Training Phase 2	100%	5 days	Mon 25/06/12	Fri 29/06/12	8	NG Transition, ENSYTE																												
12	Gastar Interfaces Workshop	100%	2 days	Thu 14/06/12	Fri 15/06/12	10	Liberty, ENSYTE																												
13	Gastar Interfaces Workshop Notes	100%	1 day	Mon 18/06/12	Mon 18/06/12	12	Liberty, ENSYTE																												
14	Accounting Workshop - Deals, Transportation Billing	100%	4 days	Mon 25/06/12	Thu 28/06/12	8,11	NG Transition, Liberty, ENSYTE																												
15	Broker Mgmt, City Gate	100%	5 days	Tue 03/07/12	Mon 09/07/12	14	NG Transition, Liberty, ENSYTE																												
16	System Architecture	100%	36 days	Mon 18/06/12	Tue 07/08/12																														
17	System Architecture Kickoff Meeting	100%	1 day	Mon 18/06/12	Mon 18/06/12	3	David Ormsby, Dvir Weininger																												
18	System Architecture (1st Draft)	100%	3 days	Tue 19/06/12	Thu 21/06/12	17	David Ormsby, Dvir Weininger																												
19	System Architecture (1st Draft) Review & Comments	100%	3 days	Wed 20/06/12	Fri 22/06/12	18	David Ormsby, Dvir Weininger																												
20	System Architecture (2nd Draft)	100%	5 days	Wed 27/06/12	Tue 03/07/12	19	David Ormsby, Dvir Weininger																												
21	System Architecture (2nd Draft) Review & Comments	100%	15 days	Wed 04/07/12	Tue 24/07/12	20	David Ormsby, Dvir Weininger																												
22	System Architecture (Finalize)	100%	14 days	Wed 18/07/12	Mon 06/08/12	21	David Ormsby																												
23	System Architecture Approval	100%	0 days	Tue 07/08/12	Tue 07/08/12	22	David Ormsby																												
24	Data Migration/Conversion Plan	100%	113 days	Mon 02/04/12	Thu 06/09/12																														
25	Data Migration/Conversion Plan Kickoff Meeting	100%	2 days	Mon 02/04/12	Tue 03/04/12	3	Liberty, ENSYTE, NG SMEs, NG Transition Team																												
26	Deliver Sample Data from NG BMS System	100%	2 days	Wed 02/05/12	Thu 03/05/12	25	NG IS																												
27	Deliver Sample Data from NG CRIS System	100%	2 days	Tue 01/05/12	Wed 02/05/12	25	NG IS																												
28	Deliver Sample Data from Meter System	100%	2 days	Tue 01/05/12	Wed 02/05/12	25	NG IS																												
29	Data Migration/Conversion Plan (1st Draft)	100%	2 days	Mon 27/08/12	Tue 28/08/12	25,26,27,28	NG IS, ENSYTE																												
30	Data Migration/Conversion Plan (1st Draft) Review & Comments	100%	3 days	Wed 29/08/12	Fri 31/08/12	29	NG IS, ENSYTE, Liberty																												
31	Data Migration/Conversion Plan (Finalize)	100%	3 days	Mon 03/09/12	Wed 05/09/12	30	NG IS, ENSYTE, Liberty																												
32	Data Migration/Conversion Plan Approval & Sign Off	100%	0 days	Thu 06/09/12	Thu 06/09/12	31	NG Transition, Liberty																												
33	Data Interface Plan	100%	51 days	Wed 27/06/12	Thu 06/09/12																														
34	Data Interface Plan Kickoff Meeting	100%	2 days	Mon 23/07/12	Tue 24/07/12	3	Liberty, ENSYTE, NG SMEs, NG Transition Team																												
35	Deliver Data from NG BMS System	100%	2 days	Wed 27/06/12	Thu 28/06/12	34	NG IS																												
36	Deliver Sample Data from NG CRIS System	100%	2 days	Wed 27/06/12	Thu 28/06/12	34	NG IS																												
37	Deliver Sample Data from NG Meter System	100%	2 days	Wed 27/06/12	Thu 28/06/12	34	NG IS																												
38	Data Interface Plan (1st Draft)	100%	2 days	Mon 27/08/12	Tue 28/08/12	35,37	NG IS, ENSYTE																												
39	Data Interface Plan (1st Draft) Review & Comments	100%	3 days	Wed 29/08/12	Fri 31/08/12	38	NG IS, ENSYTE, Liberty																												
40	Data Interface Plan (Finalize)	100%	3 days	Mon 03/09/12	Wed 05/09/12	39	NG IS, ENSYTE, Liberty																												
41	Data Interface Plan Approval	100%	0 days	Thu 06/09/12	Thu 06/09/12	40	NG Transition, Liberty																												
42	Configure Test, QA, PROD Environments	45%	158 days	Mon 13/08/12	Wed 20/03/13																														
43	Infrastructure	74%	134 days	Mon 13/08/12	Thu 14/02/13																														
44	Infrastructure Design Document Complete	100%	5 days	Mon 13/08/12	Fri 17/08/12		Dvir Weininger																												
45	Build Virtual Servers	100%	3 days	Mon 08/10/12	Wed 10/10/12	44	Dvir Weininger																												
46	Configure Servers	100%	8 days	Thu 11/10/12	Mon 22/10/12	45	Dvir Weininger																												

Project: NH - Gastar v1.0
Date: Wed 30/01/13

Task

Progress

Summary

External Tasks

Deadline

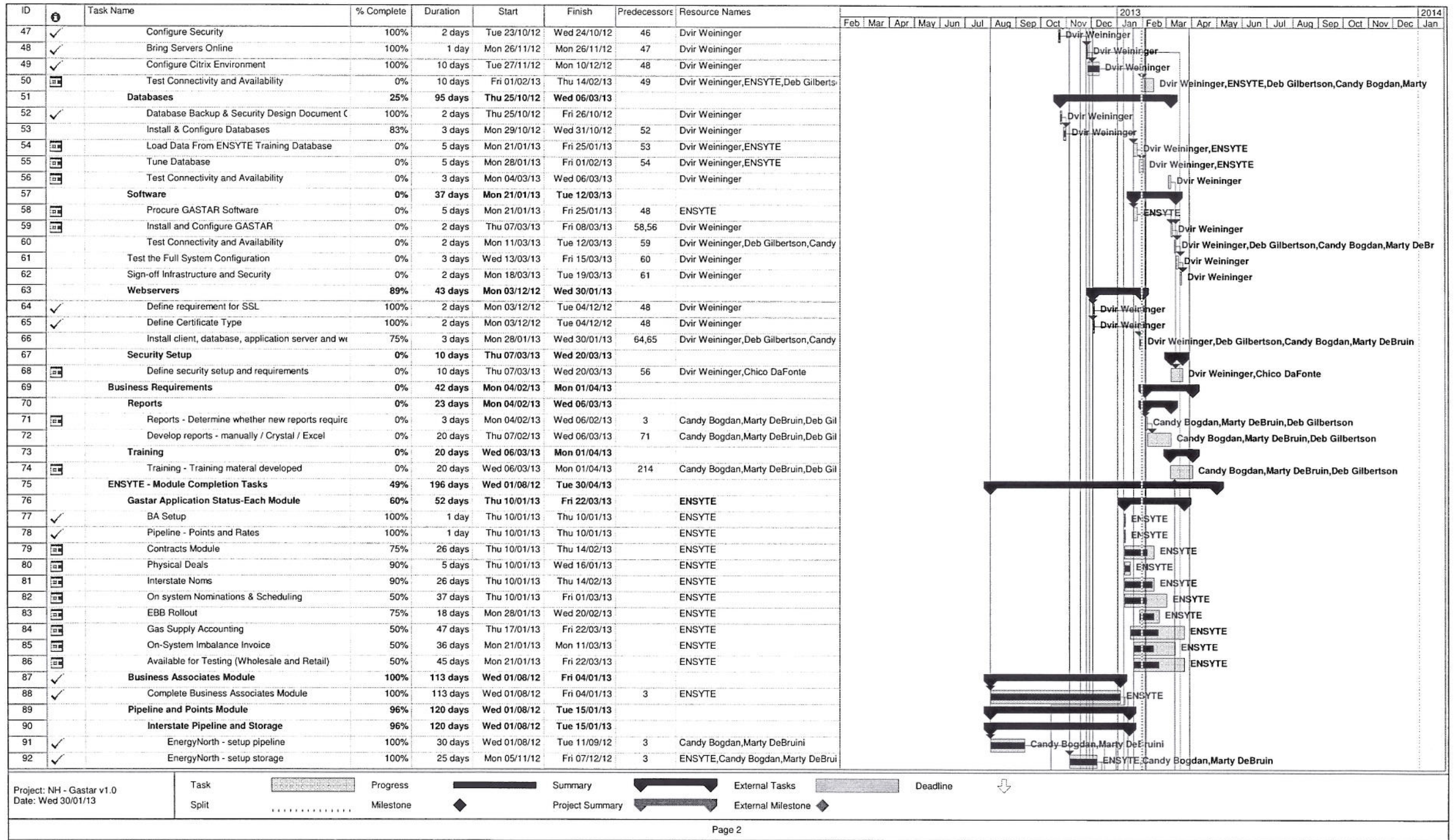
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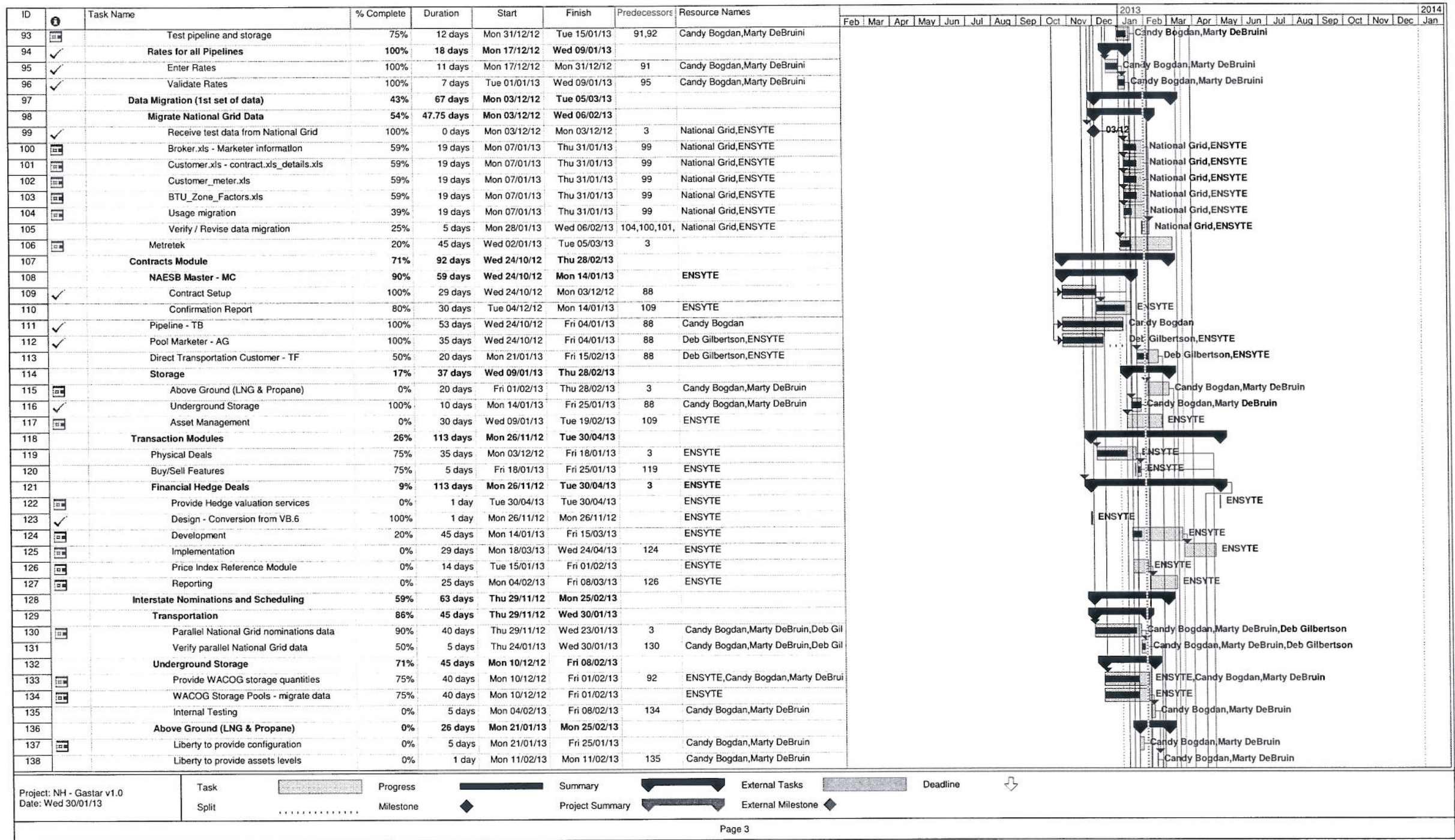
Milestone

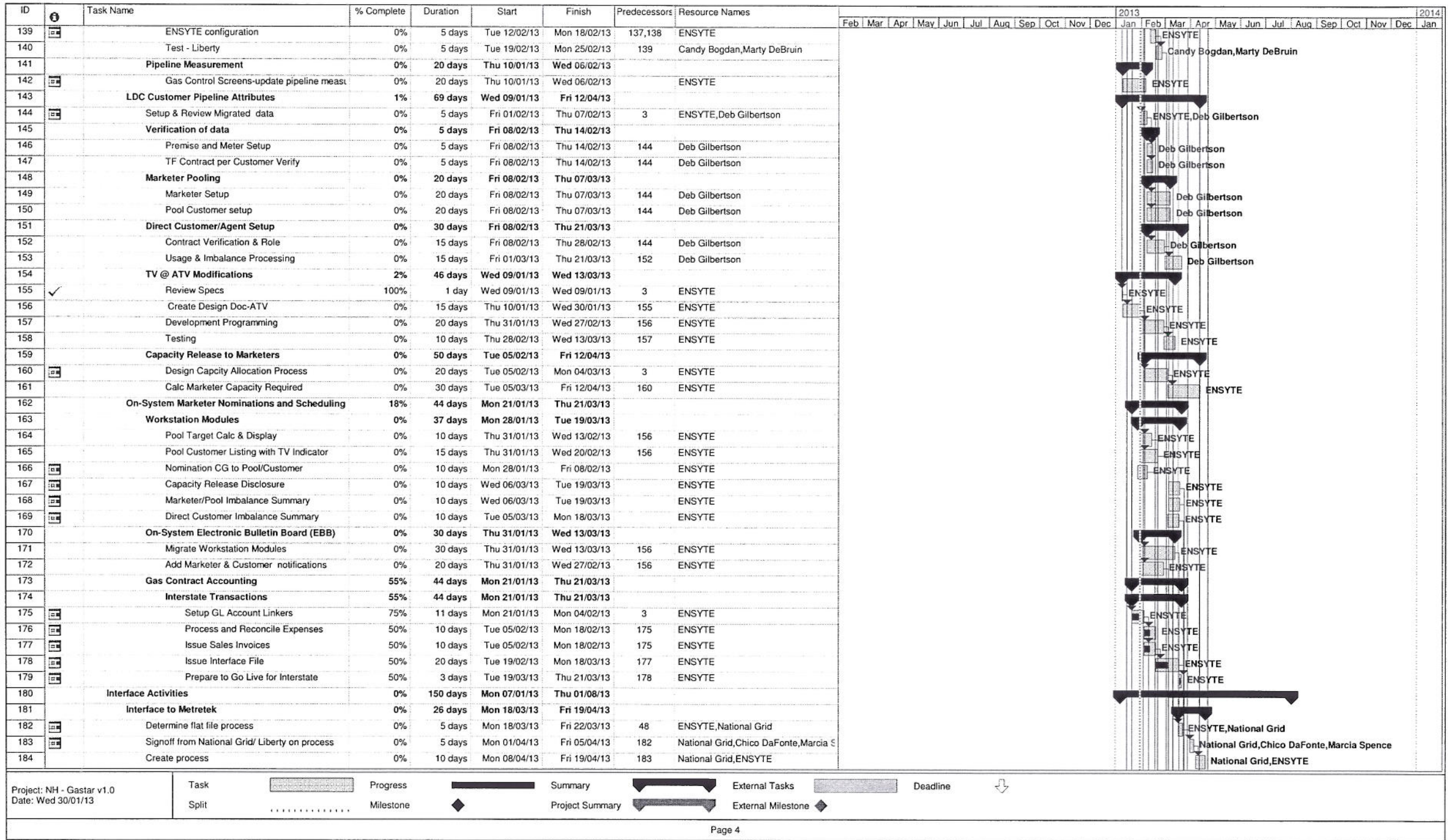
Project Summary

External Milestone

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ID	Task Name	% Complete	Duration	Start	Finish	Predecessors	Resource Names
185	Interface to CRIS	0%	20 days	Mon 18/03/13	Thu 11/04/13		
186	Determine flat file process	0%	5 days	Mon 18/03/13	Fri 22/03/13		National Grid, ENSYTE
187	Signoff from National Grid/ Liberty on process	0%	5 days	Mon 25/03/13	Fri 29/03/13	186	National Grid, Chico DaFonte, Marcia Spence
188	Create process	0%	10 days	Sat 30/03/13	Thu 11/04/13	187	National Grid, ENSYTE
189	Cogsdale Interfaces	0%	150 days	Mon 07/01/13	Thu 01/08/13		
190	MV90	0%	50 days	Mon 07/01/13	Fri 15/03/13		ENSYTE, Cogsdale
191	TCQ, Customer baseload, heating increment (Cc	0%	50 days	Mon 18/03/13	Thu 23/05/13	190	ENSYTE, Cogsdale
192	Return MV90 monthly	0%	50 days	Fri 24/05/13	Thu 01/08/13	191	ENSYTE, Cogsdale
193	Gastar to Great Plains	0%	10 days	Mon 04/03/13	Fri 15/03/13		
194	Develop and Configure	0%	10 days	Mon 04/03/13	Fri 15/03/13		ENSYTE
195	Gastar Application	0%	80 days?	Thu 10/01/13	Wed 01/05/13		
196	BA Setup	0%	0 days	Thu 10/01/13	Thu 10/01/13		ENSYTE
197	Pipeline - Points and Rates	0%	0 days	Tue 15/01/13	Tue 15/01/13	93,96	ENSYTE
198	Contracts Module	0%	0 days	Thu 28/02/13	Thu 28/02/13	113,115,116	ENSYTE
199	Physical Deals	0%	0 days	Tue 30/04/13	Tue 30/04/13	119,121,120	ENSYTE
200	Interstate Noms - No notice	0%	0 days	Mon 25/02/13	Mon 25/02/13	131,135,140	ENSYTE
201	On system Nominations & Scheduling	0%	0 days	Tue 19/03/13	Tue 19/03/13	167,164,165,	ENSYTE
202	EBB Rollout	0%	0 days	Wed 13/03/13	Wed 13/03/13	172,171	ENSYTE
203	Gas Supply Accounting	0%	0 days	Mon 04/02/13	Mon 04/02/13	175	ENSYTE
204	On-System Imbalance Invoice	0%	1 day?	Wed 20/03/13	Wed 20/03/13	168,169	ENSYTE
205	Gastar Application	0%	0 days	Tue 30/04/13	Wed 01/05/13		
206	Available for Testing - Wholesale	0%	0 days	Tue 30/04/13	Tue 30/04/13	196,197,198,	ENSYTE
207	Available for Testing - Retail	0%	0 days	Wed 01/05/13	Wed 01/05/13	196,201,202,	ENSYTE
208	Code Freeze	0%	0 days	Wed 01/05/13	Wed 01/05/13		
209	Notify IT and business regarding code freeze for	0%	0 days	Wed 01/05/13	Wed 01/05/13	206,207	Scott Campbell
210	Quality Assurance	0%	150 days	Thu 29/11/12	Tue 25/06/13		
211	Test Plan (Wholesale and Retail)	0%	22 days	Mon 04/02/13	Tue 05/03/13		
212	Define Test Scope	0%	5 days	Mon 04/02/13	Fri 08/02/13	3	Chico DaFonte
213	Develop Testing/Scenario Scripts	0%	10 days	Mon 11/02/13	Fri 22/02/13	212	Marty DeBruini,Candy Bogdan,Deb Gi
214	Sign off on Test Plan	0%	7 days	Mon 25/02/13	Tue 05/03/13	213	Chico DaFonte
215	Cycle 1 Testing - Interfaces (Cogsdale/MV90)	0%	15 days	Mon 11/03/13	Fri 29/03/13		
216	Determine Data Requirements for all Systems	0%	1 day	Mon 11/03/13	Mon 11/03/13	212	Marcia Spence,Scott Campbell
217	Data Extract Delivered	0%	5 days	Mon 11/03/13	Fri 15/03/13	212	
218	Build Data Imports	0%	5 days	Mon 18/03/13	Fri 22/03/13	214	
219	Execute Conversion	0%	5 days	Mon 25/03/13	Fri 29/03/13	218	
220	Cycle 2 Testing - Data Validation (Wholesale & Ret	0%	7 days	Wed 01/05/13	Thu 09/05/13		
221	Set up data	0%	2 days	Wed 01/05/13	Thu 02/05/13	209	
222	Execute Tests	0%	5 days	Fri 03/05/13	Thu 09/05/13	221	Marty DeBruini,Candy Bogdan
223	Test Execution Reporting	0%	5 days	Fri 03/05/13	Thu 09/05/13	221	Lisa DeSouza
224	Cycle 1 complete	0%	0 days	Thu 09/05/13	Thu 09/05/13	223	
225	Cycle 3 Testing - Daily, Monthly, Seasonal (Whole:	0%	137 days	Thu 29/11/12	Thu 06/06/13		
226	Set up data	0%	2 days	Thu 29/11/12	Fri 30/11/12		
227	Execute Tests	0%	10 days	Fri 10/05/13	Thu 23/05/13	224	Marty DeBruini,Candy Bogdan
228	Test Execution Reporting	0%	10 days	Fri 24/05/13	Thu 06/06/13	227	Lisa DeSouza
229	Cycle 3 complete	0%	0 days	Thu 06/06/13	Thu 06/06/13	228	
230	Cycle 4 Testing - Parallel (Wholesale & Retail)	0%	13 days	Fri 07/06/13	Tue 25/06/13		

2013
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

2014
Jan

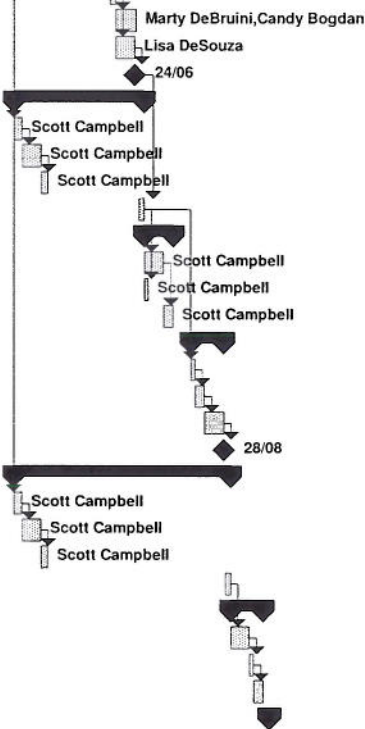
Project: NH - Gastar v1.0
Date: Wed 30/01/13

Task Progress Summary External Tasks Deadline

















Split Milestone Project Summary External Milestone

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ID	Task Name	% Complete	Duration	Start	Finish	Predecessors	Resource Names	2013												2014											
								Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
231	Set up data	0%	2 days	Fri 07/06/13	Mon 10/06/13	229																									
232	Execute Tests	0%	11 days	Tue 11/06/13	Tue 25/06/13	231	Marty DeBruini,Candy Bogdan																								
233	Test Execution Reporting	0%	10 days	Tue 11/06/13	Mon 24/06/13	231	Lisa DeSouza																								
234	Cycle 4 complete	0%	0 days	Mon 24/06/13	Mon 24/06/13	233																									
235	Implementation (Wholesale)	0%	68 days	Fri 29/03/13	Mon 01/07/13																										
236	Cutover Planning Meeting	0%	5 days	Fri 29/03/13	Wed 03/04/13	3	Scott Campbell																								
237	Cutover Checklist completed	0%	10 days	Thu 04/04/13	Wed 17/04/13	236	Scott Campbell																								
238	Create Cutover Schedule	0%	3 days	Thu 18/04/13	Mon 22/04/13	237	Scott Campbell																								
239	Cutover - Go Live	0%	2 days	Fri 28/06/13	Mon 01/07/13	234																									
240	Post Implementation Support (Wholesale)	0%	15 days	Tue 02/07/13	Mon 22/07/13																										
241	Issue Tracking and Help Desk Support	0%	10 days	Tue 02/07/13	Mon 15/07/13	239	Scott Campbell																								
242	Setup 2nd and 3rd level support resource model	0%	3 days	Tue 02/07/13	Thu 04/07/13	239	Scott Campbell																								
243	Lessons Learned Document	0%	5 days	Tue 16/07/13	Mon 22/07/13	241	Scott Campbell																								
244	Regression Testing (Wholesale & Retail)	0%	18 days	Mon 05/08/13	Wed 28/08/13																										
245	Test data validation - select a number of test scripts	0%	3 days	Mon 05/08/13	Wed 07/08/13	239																									
246	Set up data (Retail)	0%	5 days	Thu 08/08/13	Wed 14/08/13	245																									
247	Execute tests	0%	10 days	Thu 15/08/13	Wed 28/08/13	246																									
248	Regression testing completed	0%	0 days	Wed 28/08/13	Wed 28/08/13	247																									
249	Implementation (Retail)	0%	113 days	Fri 29/03/13	Mon 02/09/13																										
250	Cutover Planning Meeting	0%	5 days	Fri 29/03/13	Wed 03/04/13	3	Scott Campbell																								
251	Cutover Checklist completed	0%	10 days	Thu 04/04/13	Wed 17/04/13	250	Scott Campbell																								
252	Create Cutover Schedule	0%	3 days	Thu 18/04/13	Mon 22/04/13	251	Scott Campbell																								
253	Cutover - Go Live	0%	2 days	Fri 30/08/13	Mon 02/09/13																										
254	Post Implementation Support (Wholesale)	0%	18 days	Tue 03/09/13	Thu 26/09/13																										
255	Issue Tracking and Help Desk Support	0%	10 days	Tue 03/09/13	Mon 16/09/13	253																									
256	Setup 2nd and 3rd level support resource model	0%	3 days	Tue 17/09/13	Thu 19/09/13	255																									
257	Lessons Learned Document	0%	5 days	Fri 20/09/13	Thu 26/09/13	256																									
258	Code Freeze Completed	0%	1 day	Tue 01/10/13	Tue 01/10/13																										
259	Notify IT and Business of end of code freeze	0%	1 day	Tue 01/10/13	Tue 01/10/13																										



ID	i	Task Name	% Complete	Duration	Start	Finish	Resource Names	ctob		01 March		11 July		21 Nove		01 April		11 August		21 Dece		01 May		11 Septe	
								1/1	2/0	5/0	7/0	9/0	1/1	3/1	4/0	8/0	0/0	1/0	3/1	5/0	9/0	1/0	3/0	4/0	6/1
1		LU East - ERP/Work Management Phase 2	12%	672 days	Mon 23/04/12	Fri 07/11/14																			
2	✓	Project Management	100%	1 day	Mon 23/04/12	Mon 23/04/12																			
3	✓	Resources	100%	1 day	Mon 23/04/12	Mon 23/04/12																			
4	✓	Assemble Project Team	100%	1 day	Mon 23/04/12	Mon 23/04/12																			
5	✓	Define Roles & Responsibilities	100%	1 day	Mon 23/04/12	Mon 23/04/12																			
6	✓	Review Roles and Responsibilities with Team Members	100%	1 day	Mon 23/04/12	Mon 23/04/12																			
7	✓	Initiation	100%	165 days	Mon 23/04/12	Fri 07/12/12																			
8	✓	Project Planning	100%	59 days	Mon 23/04/12	Wed 11/07/12																			
9	✓	Preparation, Scope and Schedule Review	100%	59 days	Mon 23/04/12	Wed 11/07/12																			
10	✓	Scoping Strategy & Workshops	100%	122 days	Tue 01/05/12	Wed 17/10/12																			
11	✓	ERP Business Process Workshop (Gas/Electric)	100%	49 days	Mon 07/05/12	Wed 11/07/12																			
12	✓	Equipment Management	100%	4 days	Mon 07/05/12	Thu 10/05/12																			
13	✓	Service Management	100%	4 days	Mon 07/05/12	Thu 10/05/12																			
14	✓	Mobile Tech	100%	4 days	Mon 07/05/12	Thu 10/05/12																			
15	✓	Job Cost	100%	4 days	Mon 07/05/12	Thu 10/05/12																			
16	✓	Work Estimating	100%	4 days	Mon 07/05/12	Thu 10/05/12																			
17	✓	As-Is Process Flow Diagrams Documented	100%	8 days	Mon 02/07/12	Wed 11/07/12																			
18	✓	Eng&Ops Joint Requirements Workshop	100%	42 days	Mon 14/05/12	Mon 09/07/12																			
19	✓	Joint Discovery Session	100%	3 days	Mon 14/05/12	Wed 16/05/12																			
20	✓	Cross Functional Workshop/Interfaces	100%	39 days	Thu 17/05/12	Mon 09/07/12																			
21	✓	Identify Application Functionality	100%	1 day	Thu 17/05/12	Thu 17/05/12																			
22	✓	Identify Overlap/Gaps	100%	1 day	Thu 17/05/12	Thu 17/05/12																			
23	✓	Identify Application for Source Data	100%	1 day	Thu 17/05/12	Thu 17/05/12																			
24	✓	Identify Interfaces	100%	5 days	Mon 11/06/12	Fri 15/06/12																			
25	✓	Document Process Flow	100%	10 days	Mon 18/06/12	Fri 29/06/12																			
26	✓	Review Process Flow	100%	5 days	Mon 02/07/12	Fri 06/07/12																			
27	✓	Approval Process Flow	100%	1 day	Mon 09/07/12	Mon 09/07/12																			
28	✓	Meter to Cash Joint Requirements Workshop	100%	122 days	Tue 01/05/12	Wed 17/10/12																			
29	✓	Cross Functional Workshop/Interfaces	100%	122 days	Tue 01/05/12	Wed 17/10/12																			
30	✓	Identify Application Functionality	100%	1 day	Tue 01/05/12	Tue 01/05/12																			
31	✓	Identify Overlap/Gaps	100%	1 day	Wed 02/05/12	Wed 02/05/12																			
32	✓	Identify Application for Source Data	100%	1 day	Thu 03/05/12	Thu 03/05/12																			
33	✓	Identify Interfaces	100%	1 day	Fri 04/05/12	Fri 04/05/12																			
34	✓	Document Process Flow	100%	60 days	Mon 16/07/12	Fri 05/10/12																			

ID		Task Name	% Complete	Duration	Start	Finish	Resource Names	ctob		01 March		11 July		21 Nove		01 April		11 August		21 Dece		01 May		11 Septe	
								1/1	2/0	5/0	7/0	9/0	1/1	3/1	4/0	8/0	0/0	1/0	3/1	5/0	9/0	1/0	3/0	4/0	6/1
35		Review Process Flow	100%	1 day	Tue 16/10/12	Tue 16/10/12																			
36		Approval Process Flow	100%	1 day	Wed 17/10/12	Wed 17/10/12																			
37		Project Re-Planning	100%	14 days	Mon 09/07/12	Thu 26/07/12																			
38		Revise project plan for Day N	100%	5 days	Mon 09/07/12	Fri 13/07/12																			
39		Review with Team	100%	2 days	Mon 16/07/12	Tue 17/07/12																			
40		Receive Approval	100%	2 days	Wed 18/07/12	Thu 19/07/12																			
41		Finalize Plan	100%	5 days	Fri 20/07/12	Thu 26/07/12																			
42		Re-Planning for Project Prioritization	100%	10 days	Mon 26/11/12	Fri 07/12/12																			
43		Revise Project Plan for Day N as Result of Requirements	100%	5 days	Mon 26/11/12	Fri 30/11/12																			
44		Review with Team	100%	2 days	Mon 03/12/12	Tue 04/12/12																			
45		Receive Approval	100%	2 days	Wed 05/12/12	Thu 06/12/12																			
46		Finalize Plan	100%	1 day	Fri 07/12/12	Fri 07/12/12																			
47		GAS Implementation	0%	329 days	Mon 11/02/13	Mon 05/05/14																			
48		Equipment, Service Management, Job Cost, MobileTech	0%	329 days	Mon 11/02/13	Mon 05/05/14																			
49		Requirements	0%	13 days	Mon 11/02/13	Wed 27/02/13																			
50		Identify Application Requirements	0%	5 days	Mon 11/02/13	Fri 15/02/13	Oakville,NH Team																		
51		Identify Reporting Requirements	0%	2 days	Mon 18/02/13	Tue 19/02/13	Oakville,NH Team																		
52		Identify Data Conversion Requirements	0%	5 days	Mon 18/02/13	Fri 22/02/13	NG IT,Oakville																		
53		Identify Interface Requirements	0%	5 days	Mon 18/02/13	Fri 22/02/13	Oakville,NH Team																		
54		Document Requirements	0%	2 days	Mon 25/02/13	Tue 26/02/13	Oakville																		
55		Sign Off Requirements	0%	1 day	Wed 27/02/13	Wed 27/02/13	Oakville,NH Team																		
56		Design & Configuration	0%	95 days	Mon 18/02/13	Fri 28/06/13																			
57		Technology	0%	95 days	Mon 18/02/13	Fri 28/06/13																			
58		Establish Test Environment	0%	5 days	Mon 18/02/13	Fri 22/02/13	Oakville																		
59		Procure Mobile Devices	0%	10 days	Mon 17/06/13	Fri 28/06/13	Oakville																		
60		Security	0%	10 days	Thu 28/02/13	Wed 13/03/13																			
61		Determine Security Access	0%	5 days	Thu 28/02/13	Wed 06/03/13	Oakville,NH Team																		
62		Grant Security Access	0%	5 days	Thu 07/03/13	Wed 13/03/13	Oakville																		
63		Application	0%	20 days	Thu 28/02/13	Wed 27/03/13																			
64		Create Design Book	0%	15 days	Thu 28/02/13	Wed 20/03/13	Oakville																		
65		Configure in Test Database	0%	5 days	Thu 21/03/13	Wed 27/03/13	Oakville																		
66		Interfaces	0%	20 days	Thu 28/02/13	Wed 27/03/13																			
67		Configure Interfaces	0%	20 days	Thu 28/02/13	Wed 27/03/13	Oakville																		
68		Data Conversion	0%	29 days	Thu 28/02/13	Tue 09/04/13																			

Project: NH Day 2 WennSoft_V10_120
Date: Wed 30/01/13

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ID	Task Name	% Complete	Duration	Start	Finish	Resource Names	ctob					01 March					11 July					21 Nove					01 April					11 August					21 Dece					01 May					11 Septe																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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69	Develop Data Extract	0%	10 days	Thu 28/02/13	Wed 13/03/13	NG IT,Oakville																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

ID	Task Name	% Complete	Duration	Start	Finish	Resource Names	ctob		01 March		11 July		21 Nove		01 April		11 August		21 Dece		01 May		11 Septe	
							1/1	2/0	5/0	7/0	9/0	1/1	3/1	4/0	8/0	0/0	1/0	3/1	5/0	9/0	1/0	3/0	4/0	6/1
103	Data Conversion	0%	11 days	Fri 03/05/13	Fri 17/05/13																			
104	Data Extract Delivered	0%	1 day	Fri 03/05/13	Fri 03/05/13	NG IT																		
105	Build Data Import	0%	3 days	Mon 06/05/13	Wed 08/05/13	Oakville																		
106	Execute Conversion	0%	2 days	Thu 09/05/13	Fri 10/05/13	Oakville																		
107	Data Validation	0%	5 days	Mon 13/05/13	Fri 17/05/13	Oakville																		
108	System Testing (converted data)	0%	5 days	Mon 20/05/13	Fri 24/05/13																			
109	Execute Tests	0%	5 days	Mon 20/05/13	Fri 24/05/13	Oakville																		
110	System Integration Testing (converted c	0%	5 days	Mon 20/05/13	Fri 24/05/13																			
111	Execute Tests	0%	5 days	Mon 20/05/13	Fri 24/05/13	Oakville																		
112	Rework	0%	2 days	Mon 27/05/13	Tue 28/05/13																			
113	Modifications	0%	2 days	Mon 27/05/13	Tue 28/05/13	Oakville																		
114	Cycle 3	0%	30 days	Wed 29/05/13	Fri 05/07/13																			
115	Environment	0%	1 day	Wed 29/05/13	Wed 29/05/13																			
116	Code Freeze on all Systems	0%	1 day	Wed 29/05/13	Wed 29/05/13	Oakville																		
117	Test Plan	0%	4 days	Wed 29/05/13	Mon 03/06/13																			
118	Define Test Scope	0%	2 days	Wed 29/05/13	Thu 30/05/13	Oakville																		
119	Review Test Scripts/Scenarios	0%	2 days	Fri 31/05/13	Mon 03/06/13	Oakville																		
120	Data Conversion	0%	11 days	Tue 04/06/13	Tue 18/06/13																			
121	Data Extract Delivered	0%	1 day	Tue 04/06/13	Tue 04/06/13	NG IT																		
122	Build Data Import	0%	3 days	Wed 05/06/13	Fri 07/06/13	Oakville																		
123	Execute Conversion	0%	2 days	Mon 10/06/13	Tue 11/06/13	Oakville																		
124	Data Validation	0%	5 days	Wed 12/06/13	Tue 18/06/13	Oakville																		
125	System Integration Testing (end to end	0%	10 days	Wed 19/06/13	Sun 30/06/13																			
126	Execute Tests	0%	10 days	Wed 19/06/13	Sun 30/06/13	Oakville																		
127	Rework	0%	5 days	Mon 01/07/13	Fri 05/07/13																			
128	Modifications	0%	5 days	Mon 01/07/13	Fri 05/07/13	Oakville																		
129	User Acceptance Testing (UAT)	0%	61 days	Wed 29/05/13	Mon 19/08/13																			
130	Test Plan	0%	29 days	Wed 29/05/13	Thu 04/07/13																			
131	Identify User Group	0%	2 days	Wed 29/05/13	Thu 30/05/13																			
132	Define Test Scope	0%	2 days	Mon 01/07/13	Tue 02/07/13	Oakville																		
133	Review Test Scripts/Scenarios	0%	2 days	Wed 03/07/13	Thu 04/07/13	Oakville,NH Team																		
134	Technology	0%	9 days	Sat 29/06/13	Tue 09/07/13																			
135	Test Environment Preparation	0%	1 day	Mon 08/07/13	Mon 08/07/13	Oakville																		
136	Security Access Verified	0%	1 day	Tue 09/07/13	Tue 09/07/13	Oakville																		

ID	Task Name	% Complete	Duration	Start	Finish	Resource Names	ctob		01 March		11 July		21 Nove		01 April		11 August		21 Dece		01 May		11 Septe	
							1/1	2/0	5/0	7/0	9/0	1/1	3/1	4/0	8/0	0/0	1/0	3/1	5/0	9/0	1/0	3/0	4/0	6/1
137	Mobile Devices	0%	5 days	Sat 29/06/13	Wed 03/07/13	Oakville																		
138	Test Execution (Converted Data)	0%	31 days	Mon 08/07/13	Mon 19/08/13																			
139	Execute Tests	0%	30 days	Mon 08/07/13	Fri 16/08/13	NH Team																		
140	UAT Sign Off	0%	1 day	Mon 19/08/13	Mon 19/08/13	Oakville,NH Team																		
141	Training (for field staff)	0%	37 days	Mon 08/07/13	Tue 27/08/13																			
142	Develop Training Strategy	0%	2 days	Mon 08/07/13	Tue 09/07/13	Oakville																		
143	Plan Training Material	0%	5 days	Wed 10/07/13	Tue 16/07/13	Oakville																		
144	Organize Training Session	0%	1 day	Wed 17/07/13	Wed 17/07/13	Oakville																		
145	Deliver Training	0%	5 days	Tue 20/08/13	Mon 26/08/13	Oakville,NH Team																		
146	Training Sign Off	0%	1 day	Tue 27/08/13	Tue 27/08/13																			
147	Deployment	0%	117 days	Thu 28/03/13	Mon 02/09/13																			
148	Business Readiness	0%	106 days	Thu 28/03/13	Tue 20/08/13																			
149	Business Process Design	0%	50 days	Thu 28/03/13	Wed 05/06/13																			
150	Design and Document Processes and Bus	0%	45 days	Thu 28/03/13	Wed 29/05/13	Oakville																		
151	Obtain Stakeholder Sign Off for Changes	0%	5 days	Thu 30/05/13	Wed 05/06/13	Oakville,NH Team																		
152	End User Communication	0%	70 days	Wed 15/05/13	Fri 16/08/13																			
153	Issue Communications re System Overvie	0%	70 days	Wed 15/05/13	Fri 16/08/13	Oakville																		
154	Go Live and Readiness Approval	0%	9 days	Thu 08/08/13	Tue 20/08/13																			
155	Develop Readiness Assessment Plan	0%	5 days	Thu 08/08/13	Wed 14/08/13	Oakville,NH Team																		
156	Present Final Readiness Assessment Plar	0%	2 days	Thu 15/08/13	Fri 16/08/13	Oakville,NH Team																		
157	Hold Readiness Meetings with Stakeholde	0%	1 day	Mon 19/08/13	Mon 19/08/13	Oakville,NH Team																		
158	Present Readiness Status for Go-No Go D	0%	1 day	Tue 20/08/13	Tue 20/08/13	Oakville,NH Team																		
159	System Readiness	0%	68 days	Tue 04/06/13	Sun 01/09/13																			
160	Cutover Activity	0%	13 days	Tue 04/06/13	Thu 20/06/13																			
161	Cutover Kick Off Meeting	0%	1 day	Tue 04/06/13	Tue 04/06/13	Oakville,NH Team																		
162	Identify Cutover Activities	0%	5 days	Wed 05/06/13	Tue 11/06/13	Oakville,NH Team																		
163	Review & Revise Cutover Activities	0%	2 days	Wed 12/06/13	Thu 13/06/13	Oakville,NH Team																		
164	Develop Cutover Schedule	0%	5 days	Fri 14/06/13	Thu 20/06/13	Oakville,NH Team																		
165	Execute Cutover	0%	11 days	Tue 20/08/13	Sun 01/09/13																			
166	End Business Systems Processing	0%	1 day	Wed 28/08/13	Wed 28/08/13																			
167	Systems to be Determined	0%	1 day	Wed 28/08/13	Wed 28/08/13	Oakville																		
168	Backup/Copy	0%	1 day	Wed 28/08/13	Wed 28/08/13																			
169	Backup/Copy Systems - TBD	0%	1 day	Wed 28/08/13	Wed 28/08/13	Oakville																		
170	Verify Backups/Copy - TBD	0%	1 day	Wed 28/08/13	Wed 28/08/13	Oakville																		

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ID	Task Name	% Complete	Duration	Start	Finish	Resource Names	ctob	01 March	11 July	21 Nove	01 April	11 August	21 Dece	01 May	11 Septe									
171	Legacy Environment	0%	1 day	Wed 28/08/13	Wed 28/08/13		1/1	2/0	5/0	7/0	9/0	1/1	3/1	4/0	8/0	0/0	1/0	3/1	5/0	9/0	1/0	3/0	4/0	6/1
172	Legacy Environment Shut Down	0%	1 day	Wed 28/08/13	Wed 28/08/13	NG IT																		
173	Production Environment Prep	0%	11 days	Tue 20/08/13	Sun 01/09/13																			
174	Systems Conversion	0%	2 days	Sat 31/08/13	Sun 01/09/13																			
175	Execute Final Data Conversion	0%	1 day	Sat 31/08/13	Sat 31/08/13	NG IT,Oakville																		
176	Verify Data Conversion	0%	1 day	Sun 01/09/13	Sun 01/09/13	NH Team																		
177	System Configuration	0%	7 days	Tue 20/08/13	Wed 28/08/13																			
178	Apply Application Configuration	0%	2 days	Tue 20/08/13	Wed 21/08/13	Oakville																		
179	Apply Security for End Users	0%	2 days	Thu 22/08/13	Fri 23/08/13	Oakville																		
180	Verify Configuration	0%	2 days	Mon 26/08/13	Tue 27/08/13	Oakville																		
181	Check Point of Go Live - Interfac	0%	1 day	Wed 28/08/13	Wed 28/08/13	Oakville																		
182	System Deployment	0%	1 day	Mon 02/09/13	Mon 02/09/13																			
183	Go-Live	0%	1 day	Mon 02/09/13	Mon 02/09/13	Oakville																		
184	Incident and Issue Management - Post Go Live	0%	221 days	Tue 09/07/13	Mon 05/05/14																			
185	Develop Issue Management Strategy	0%	5 days	Tue 09/07/13	Mon 15/07/13	Oakville																		
186	Develop Pre/Post Go Live IT and Application Suppo	0%	5 days	Tue 16/07/13	Mon 22/07/13	Oakville,NH Team																		
187	Implement Go live Staffing Plan	0%	120 days	Mon 02/09/13	Wed 12/02/14	Oakville																		
188	Manage Issues	0%	60 days	Thu 13/02/14	Mon 05/05/14	Oakville																		
189	ELECTRIC Implementation	0%	465 days	Mon 11/02/13	Fri 07/11/14																			
190	Equipment, Service Management, Job Cost, MobileTech	0%	465 days	Mon 11/02/13	Fri 07/11/14																			
191	Requirements	0%	212 days	Mon 11/02/13	Mon 25/11/13																			
192	Identify Application Requirements	0%	5 days	Mon 11/02/13	Fri 15/02/13	Oakville,NH Team																		
193	Identify Reporting Requirements	0%	2 days	Mon 18/02/13	Tue 19/02/13	Oakville,NH Team																		
194	Identify Data Conversion Requirements	0%	5 days	Mon 18/02/13	Fri 22/02/13	NG IT,Oakville																		
195	Identify Interface Requirements	0%	5 days	Mon 18/02/13	Fri 22/02/13	Oakville,NH Team																		
196	Document Requirements	0%	2 days	Mon 25/02/13	Tue 26/02/13	Oakville																		
197	Sign Off Requirements	0%	1 day	Wed 27/02/13	Wed 27/02/13	Oakville,NH Team																		
198	Re-Validate Requirements	0%	5 days	Mon 18/11/13	Fri 22/11/13																			
199	Re-Sign Off if Required	0%	1 day	Mon 25/11/13	Mon 25/11/13																			
200	Design & Configuration	0%	105 days	Tue 26/11/13	Mon 21/04/14																			
201	Technology	0%	98 days	Thu 05/12/13	Mon 21/04/14																			
202	Establish Test Environment	0%	5 days	Thu 05/12/13	Wed 11/12/13	Oakville																		
203	Procure Mobile Devices	0%	10 days	Tue 08/04/14	Mon 21/04/14	Oakville																		
204	Security	0%	17 days	Tue 26/11/13	Wed 18/12/13																			

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ID	Task Name	% Complete	Duration	Start	Finish	Resource Names	clob		01 March		11 July		21 Nove		01 April		11 August		21 Dece		01 May		11 Septe	
							1/1	2/0	5/0	7/0	9/0	1/1	3/1	4/0	8/0	0/0	1/0	3/1	5/0	9/0	1/0	3/0	4/0	6/1
239	Interface Testing (not converted data)	0%	5 days	Wed 05/02/14	Tue 11/02/14																			
240	Execute Tests	0%	5 days	Wed 05/02/14	Tue 11/02/14	Oakville																		
241	Rework	0%	5 days	Wed 12/02/14	Tue 18/02/14																			
242	Modifications	0%	5 days	Wed 12/02/14	Tue 18/02/14	Oakville																		
243	Cycle 2	0%	22 days	Wed 12/02/14	Thu 13/03/14																			
244	Test Plan	0%	4 days	Wed 12/02/14	Mon 17/02/14																			
245	Define Test Scope	0%	2 days	Wed 12/02/14	Thu 13/02/14	Oakville																		
246	Review Test Scripts/Scenarios	0%	2 days	Fri 14/02/14	Mon 17/02/14	Oakville																		
247	Data Conversion	0%	11 days	Tue 18/02/14	Tue 04/03/14																			
248	Data Extract Delivered	0%	1 day	Tue 18/02/14	Tue 18/02/14	NG IT																		
249	Build Data Import	0%	3 days	Wed 19/02/14	Fri 21/02/14	Oakville																		
250	Execute Conversion	0%	2 days	Mon 24/02/14	Tue 25/02/14	Oakville																		
251	Data Validation	0%	5 days	Wed 26/02/14	Tue 04/03/14	Oakville																		
252	System Testing (converted data)	0%	5 days	Wed 05/03/14	Tue 11/03/14																			
253	Execute Tests	0%	5 days	Wed 05/03/14	Tue 11/03/14	Oakville																		
254	System Integration Testing (converted c	0%	5 days	Wed 05/03/14	Tue 11/03/14																			
255	Execute Tests	0%	5 days	Wed 05/03/14	Tue 11/03/14	Oakville																		
256	Rework	0%	2 days	Wed 12/03/14	Thu 13/03/14																			
257	Modifications	0%	2 days	Wed 12/03/14	Thu 13/03/14	Oakville																		
258	Cycle 3	0%	30 days	Fri 14/03/14	Thu 24/04/14																			
259	Environment	0%	1 day	Fri 14/03/14	Fri 14/03/14																			
260	Code Freeze on all Systems	0%	1 day	Fri 14/03/14	Fri 14/03/14	Oakville																		
261	Test Plan	0%	4 days	Fri 14/03/14	Wed 19/03/14																			
262	Define Test Scope	0%	2 days	Fri 14/03/14	Mon 17/03/14	Oakville																		
263	Review Test Scripts/Scenarios	0%	2 days	Tue 18/03/14	Wed 19/03/14	Oakville																		
264	Data Conversion	0%	11 days	Thu 20/03/14	Thu 03/04/14																			
265	Data Extract Delivered	0%	1 day	Thu 20/03/14	Thu 20/03/14	NG IT																		
266	Build Data Import	0%	3 days	Fri 21/03/14	Tue 25/03/14	Oakville																		
267	Execute Conversion	0%	2 days	Wed 26/03/14	Thu 27/03/14	Oakville																		
268	Data Validation	0%	5 days	Fri 28/03/14	Thu 03/04/14	Oakville																		
269	System Integration Testing (end to end	0%	10 days	Fri 04/04/14	Thu 17/04/14																			
270	Execute Tests	0%	10 days	Fri 04/04/14	Thu 17/04/14	Oakville																		
271	Rework	0%	5 days	Fri 18/04/14	Thu 24/04/14																			
272	Modifications	0%	5 days	Fri 18/04/14	Thu 24/04/14	Oakville																		

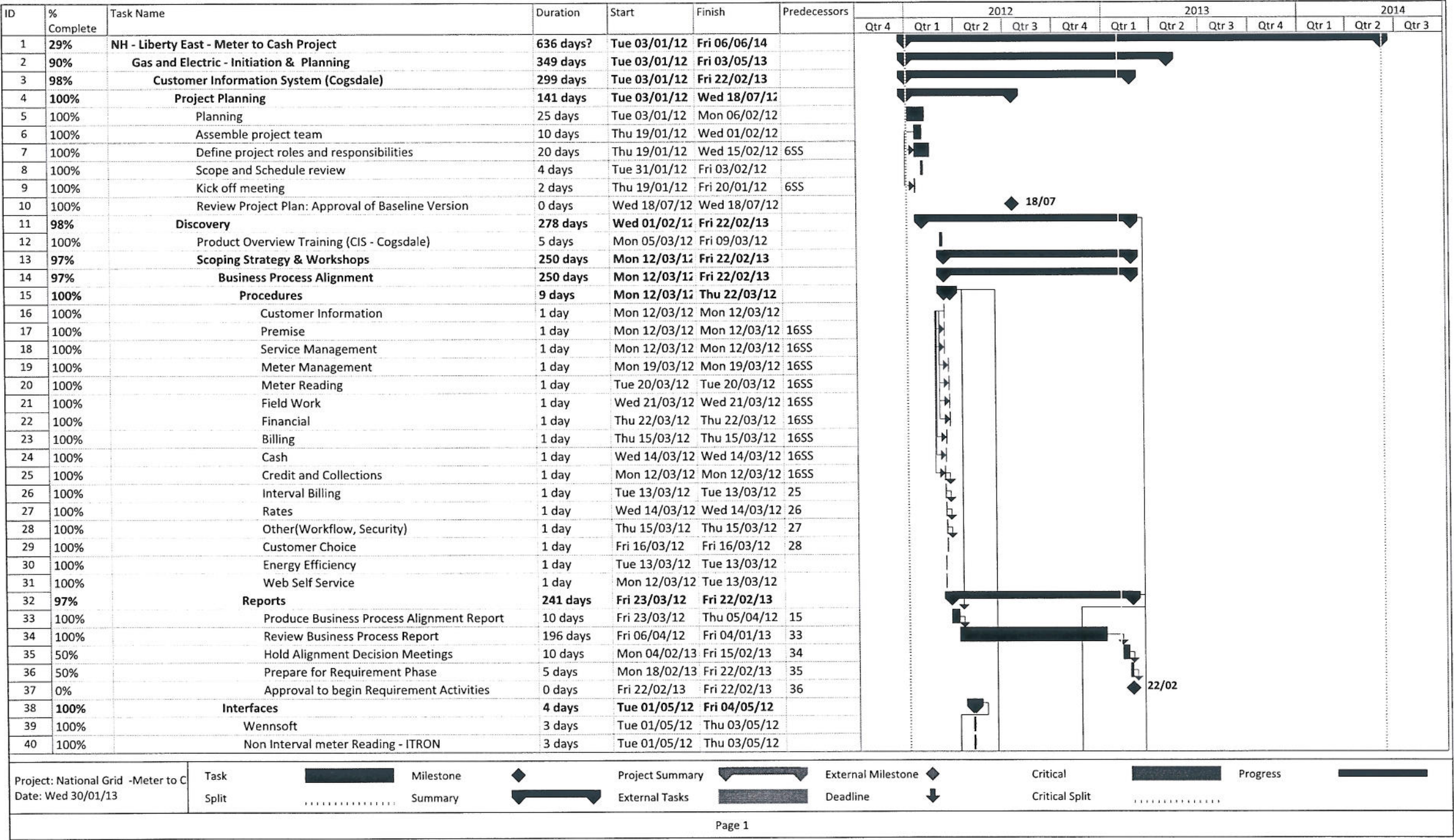
ID	Task Name	% Complete	Duration	Start	Finish	Resource Names	01 March					11 July					21 Nove					01 April					11 August					21 Dece					01 May					11 Septe																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
							1/1	2/0	5/0	7/0	9/0	1/1	3/1	4/0	8/0	0/0	1/0	3/1	5/0	9/0	1/0	3/1	5/0	9/0	1/0	3/0	4/0	6/1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
273	User Acceptance Testing (UAT)	0%	48 days	Fri 14/03/14	Fri 16/05/14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										</

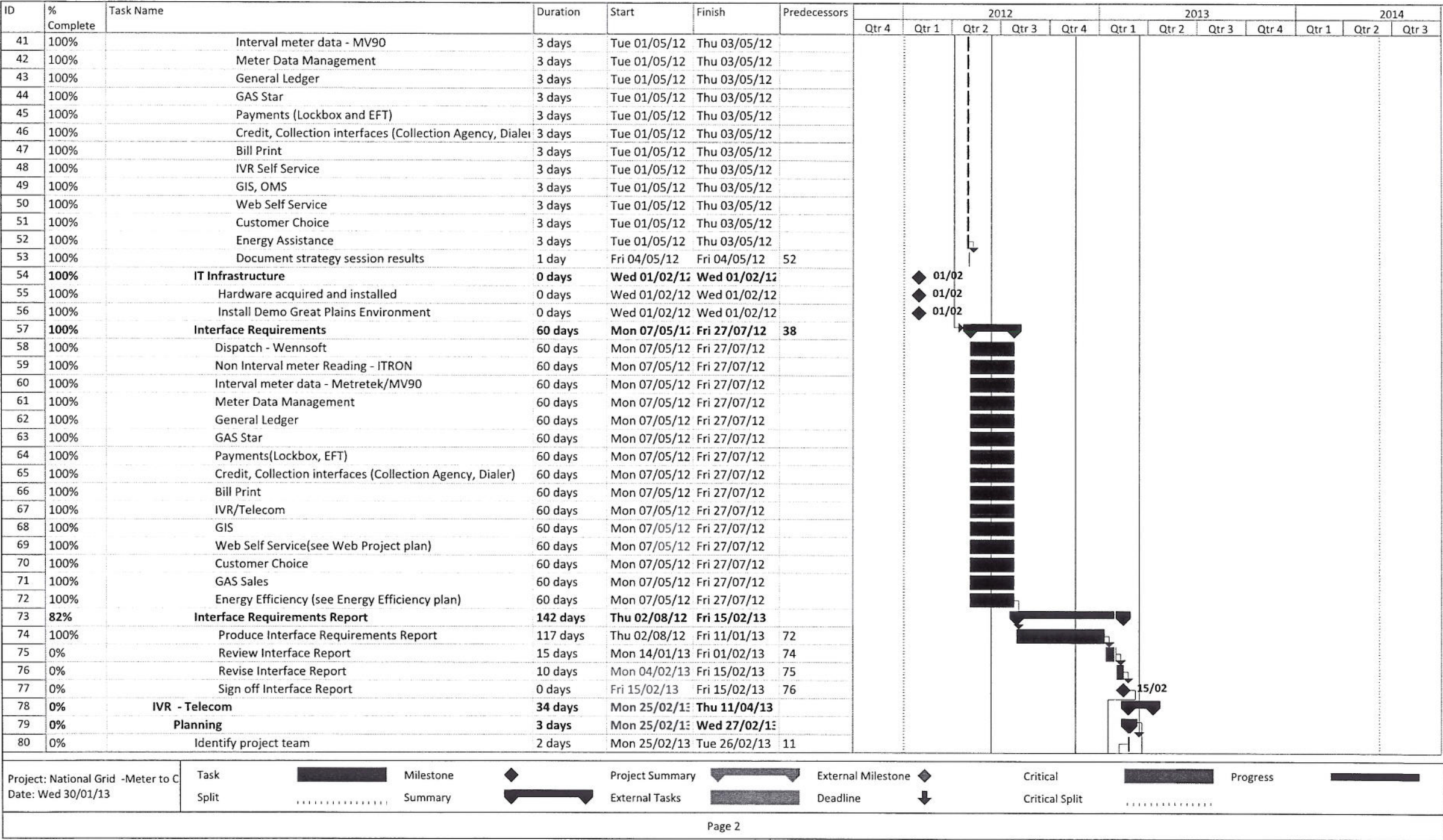
ID	Task Name	% Complete	Duration	Start	Finish	Resource Names	ctob 01 March 11 July 21 Nove 01 April 11 August 21 Dece 01 May 11 Septe																	
							1/1	2/0	5/0	7/0	9/0	1/1	3/1	4/0	8/0	0/0	1/0	3/1	5/0	9/0	1/0	3/0	4/0	6/1
307	Review & Revise Cutover Activities	0%	2 days	Fri 28/03/14	Mon 31/03/14	Oakville,NH Team																		
308	Develop Cutover Schedule	0%	5 days	Tue 01/04/14	Mon 07/04/14	Oakville,NH Team																		
309	Execute Cutover	0%	7 days	Mon 19/05/14	Sun 25/05/14																			
310	End Business Systems Processing	0%	1 day	Thu 22/05/14	Thu 22/05/14																			
311	Systems to be Determined	0%	1 day	Thu 22/05/14	Thu 22/05/14	Oakville																		
312	Backup/Copy	0%	1 day	Fri 23/05/14	Fri 23/05/14																			
313	Backup/Copy Systems - TBD	0%	1 day	Fri 23/05/14	Fri 23/05/14	Oakville																		
314	Verify Backups/Copy - TBD	0%	1 day	Fri 23/05/14	Fri 23/05/14	Oakville																		
315	Legacy Environment	0%	1 day	Fri 23/05/14	Fri 23/05/14																			
316	Legacy Environment Shut Down	0%	1 day	Fri 23/05/14	Fri 23/05/14	NG IT																		
317	Production Environment Prep	0%	7 days	Mon 19/05/14	Sun 25/05/14																			
318	Systems Conversion	0%	2 days	Sat 24/05/14	Sun 25/05/14																			
319	Execute Final Data Conversion	0%	1 day	Sat 24/05/14	Sat 24/05/14	NG IT,Oakville																		
320	Verify Data Conversion	0%	1 day	Sun 25/05/14	Sun 25/05/14	NH Team																		
321	System Configuration	0%	7 days	Mon 19/05/14	Sun 25/05/14																			
322	Apply Application Configuration	0%	2 days	Mon 19/05/14	Tue 20/05/14	Oakville																		
323	Apply Security for End Users	0%	2 days	Wed 21/05/14	Thu 22/05/14	Oakville																		
324	Verify Configuration	0%	2 days	Fri 23/05/14	Sat 24/05/14	Oakville																		
325	Check Point of Go Live - Interfac	0%	1 day	Sun 25/05/14	Sun 25/05/14	Oakville																		
326	System Deployment	0%	1 day	Mon 26/05/14	Mon 26/05/14																			
327	Go-Live	0%	1 day	Mon 26/05/14	Mon 26/05/14	Oakville																		
328	Incident and Issue Management - Post Go Live	0%	144 days	Mon 28/04/14	Fri 07/11/14																			
329	Develop Issue Management Strategy	0%	5 days	Mon 28/04/14	Fri 02/05/14	Oakville																		
330	Develop Pre/Post Go Live IT and Application Suppo	0%	5 days	Sat 03/05/14	Wed 07/05/14	Oakville,NH Team																		
331	Implement Go live Staffing Plan	0%	60 days	Mon 26/05/14	Fri 15/08/14	Oakville																		
332	Manage Issues	0%	60 days	Mon 18/08/14	Fri 07/11/14	Oakville																		
333	Work Estimating (Quadra)	0%	174 days	Mon 22/04/13	Wed 11/12/13																			
334	Requirements	0%	10 days	Thu 09/05/13	Wed 22/05/13																			
335	Identify Application Requirements	0%	2 days	Thu 09/05/13	Fri 10/05/13	Oakville,NH Team																		
336	Identify Reporting Requirements	0%	1 day	Mon 13/05/13	Mon 13/05/13	Oakville,NH Team																		
337	Identify Interface Requirements (GIS)	0%	2 days	Tue 14/05/13	Wed 15/05/13	Oakville,NH Team																		
338	Document Requirements	0%	4 days	Thu 16/05/13	Tue 21/05/13	Oakville																		
339	Sign Off Requirements	0%	1 day	Wed 22/05/13	Wed 22/05/13	Oakville,NH Team																		
340	Design & Configuration	0%	22 days	Mon 06/05/13	Tue 04/06/13																			

ID	i	Task Name	% Complete	Duration	Start	Finish	Resource Names	ctob	01 March	11 July	21 Nove	01 April	11 August	21 Dece	01 May	11 Septe	
								1/1	2/0	5/0	7/0	9/0	1/1	3/1	4/0	8/0	0/0
341		Technology	0%	15 days	Mon 06/05/13	Fri 24/05/13											
342	🏠	Establish Test Environment	0%	1 day	Mon 06/05/13	Mon 06/05/13	Oakville										
343		Security	0%	2 days	Thu 23/05/13	Fri 24/05/13											
344		Determine Security Access	0%	1 day	Thu 23/05/13	Thu 23/05/13	Oakville,NH Team										
345		Grant Security Access	0%	1 day	Fri 24/05/13	Fri 24/05/13	Oakville										
346		Application	0%	8 days	Thu 23/05/13	Mon 03/06/13											
347		Create Design Book	0%	4 days	Thu 23/05/13	Tue 28/05/13	Oakville										
348		Configure in Test Database	0%	4 days	Wed 29/05/13	Mon 03/06/13	Oakville										
349		Interfaces	0%	5 days	Wed 29/05/13	Tue 04/06/13											
350		Configure Interface (GIS)	0%	5 days	Wed 29/05/13	Tue 04/06/13	Oakville										
351		Quality Assurance	0%	27 days	Thu 23/05/13	Fri 28/06/13											
352		Training	0%	8 days	Tue 04/06/13	Thu 13/06/13											
353		Develop Training strategy	0%	1 day	Tue 04/06/13	Tue 04/06/13	Oakville										
354		Plan Training Material	0%	1 day	Wed 05/06/13	Wed 05/06/13	Oakville										
355		Organize Training Session	0%	1 day	Thu 06/06/13	Thu 06/06/13	Oakville										
356		Deliver Training	0%	4 days	Fri 07/06/13	Wed 12/06/13	Oakville,NH Team										
357		Training Sign Off	0%	1 day	Thu 13/06/13	Thu 13/06/13	Oakville,NH Team										
358		Testing	0%	27 days	Thu 23/05/13	Fri 28/06/13											
359		Test Strategy	0%	4 days	Thu 23/05/13	Tue 28/05/13											
360		Define Test Strategy	0%	1 day	Thu 23/05/13	Thu 23/05/13	Oakville										
361		Develop Test/Scenario Scripts Scripts	0%	2 days	Fri 24/05/13	Mon 27/05/13	Oakville										
362		Kick Off Testing Meeting	0%	1 day	Tue 28/05/13	Tue 28/05/13	Oakville,NH Team										
363		Cycle 1	0%	11 days	Fri 24/05/13	Fri 07/06/13											
364		Test Plan	0%	1 day	Fri 24/05/13	Fri 24/05/13											
365		Define Test Scope	0%	1 day	Fri 24/05/13	Fri 24/05/13	Oakville										
366		Review Test Scripts/Scenarios	0%	1 day	Fri 24/05/13	Fri 24/05/13	Oakville										
367		System Testing	0%	3 days	Mon 27/05/13	Wed 29/05/13											
368		Execute Tests	0%	3 days	Mon 27/05/13	Wed 29/05/13	Oakville										
369		Interface Testing	0%	2 days	Thu 30/05/13	Fri 31/05/13											
370		Execute Tests	0%	2 days	Thu 30/05/13	Fri 31/05/13	Oakville										
371		Rework	0%	5 days	Mon 03/06/13	Fri 07/06/13											
372		Modifications	0%	5 days	Mon 03/06/13	Fri 07/06/13	Oakville										
373		Cycle 2	0%	8 days	Thu 30/05/13	Mon 10/06/13											
374		Test Plan	0%	1 day	Thu 30/05/13	Thu 30/05/13											

ID	Task Name	% Complete	Duration	Start	Finish	Resource Names	ctob 01 March 11 July 21 Nove 01 April 11 August 21 Dece 01 May 11 Septe																	
							1/1	2/0	5/0	7/0	9/0	1/1	3/1	4/0	8/0	0/0	1/0	3/1	5/0	9/0	1/0	3/0	4/0	6/1
375	Define Test Scope	0%	1 day	Thu 30/05/13	Thu 30/05/13	Oakville																		
376	Review Test Scripts/Scenarios	0%	1 day	Thu 30/05/13	Thu 30/05/13	Oakville																		
377	System Integration Testing (end to end	0%	5 days	Fri 31/05/13	Thu 06/06/13																			
378	Execute Tests	0%	5 days	Fri 31/05/13	Thu 06/06/13	Oakville																		
379	Rework	0%	2 days	Fri 07/06/13	Mon 10/06/13																			
380	Modifications	0%	2 days	Fri 07/06/13	Mon 10/06/13	Oakville																		
381	User Acceptance Testing (UAT)	0%	15 days	Mon 10/06/13	Fri 28/06/13																			
382	Test Plan	0%	1 day	Mon 10/06/13	Mon 10/06/13																			
383	Identify User Group	0%	1 day	Mon 10/06/13	Mon 10/06/13	Oakville																		
384	Define Test Scope	0%	1 day	Mon 10/06/13	Mon 10/06/13	Oakville																		
385	Review Test Scripts/Scenarios	0%	1 day	Mon 10/06/13	Mon 10/06/13	Oakville,NH Team																		
386	Technology	0%	3 days	Tue 11/06/13	Thu 13/06/13																			
387	Test Environment Preparation	0%	2 days	Tue 11/06/13	Wed 12/06/13	Oakville																		
388	Security Access Verified	0%	1 day	Thu 13/06/13	Thu 13/06/13	Oakville																		
389	Test Execution	0%	11 days	Fri 14/06/13	Fri 28/06/13																			
390	Execute Tests	0%	10 days	Fri 14/06/13	Thu 27/06/13	NH Team																		
391	UAT Sign Off	0%	1 day	Fri 28/06/13	Fri 28/06/13	Oakville,NH Team																		
392	Deployment	0%	53 days	Mon 22/04/13	Mon 01/07/13																			
393	Business Readiness	0%	51 days	Mon 22/04/13	Sat 29/06/13																			
394	Business Process Design	0%	20 days	Tue 04/06/13	Sat 29/06/13																			
395	Design and Document Processes and Bus	0%	15 days	Tue 04/06/13	Mon 24/06/13	Oakville																		
396	Obtain Stakeholder Sign Off for Changes	0%	5 days	Tue 25/06/13	Sat 29/06/13	Oakville,NH Team																		
397	End User Communication	0%	50 days	Mon 22/04/13	Fri 28/06/13																			
398	Issue Communications re System Overvie	0%	50 days	Mon 22/04/13	Fri 28/06/13	Oakville																		
399	Go Live and Readiness Approval	0%	7 days	Fri 14/06/13	Mon 24/06/13																			
400	Develop Readiness Assessment Plan	0%	2 days	Fri 14/06/13	Mon 17/06/13	Oakville,NH Team																		
401	Present Final Readiness Assessment Plar	0%	2 days	Tue 18/06/13	Wed 19/06/13	Oakville,NH Team																		
402	Hold Readiness Meetings with Stakeholde	0%	1 day	Thu 20/06/13	Thu 20/06/13	Oakville,NH Team																		
403	Present Readiness Status for Go-No Go D	0%	1 day	Mon 24/06/13	Mon 24/06/13	Oakville,NH Team																		
404	System Readiness	0%	17 days	Tue 11/06/13	Mon 01/07/13																			
405	Cutover Activity	0%	4 days	Tue 11/06/13	Fri 14/06/13																			
406	Cutover Kick Off Meeting	0%	1 day	Tue 11/06/13	Tue 11/06/13	Oakville,NH Team																		
407	Identify Cutover Activities	0%	1 day	Wed 12/06/13	Wed 12/06/13	Oakville,NH Team																		
408	Review & Revise Cutover Activities	0%	1 day	Thu 13/06/13	Thu 13/06/13	Oakville,NH Team																		

ID		Task Name	% Complete	Duration	Start	Finish	Resource Names	ctob		01 March		11 July		21 Nove		01 April		11 August		21 Dece		01 May		11 Septe	
								1/1	2/0	5/0	7/0	9/0	1/1	3/1	4/0	8/0	0/0	1/0	3/1	5/0	9/0	1/0	3/0	4/0	6/1
409		Develop Cutover Schedule	0%	1 day	Fri 14/06/13	Fri 14/06/13	Oakville,NH Team																		
410		Execute Cutover	0%	11 days	Wed 19/06/13	Mon 01/07/13																			
411		End Business Systems Processing	0%	1 day	Wed 19/06/13	Wed 19/06/13																			
412		Systems to be Determined	0%	1 day	Wed 19/06/13	Wed 19/06/13	Oakville																		
413		Backup/Copy	0%	1 day	Wed 19/06/13	Wed 19/06/13																			
414		Backup/Copy Systems - TBD	0%	1 day	Wed 19/06/13	Wed 19/06/13	Oakville																		
415		Verify Backups/Copy - TBD	0%	1 day	Wed 19/06/13	Wed 19/06/13	Oakville																		
416		Legacy Environment	0%	1 day	Wed 19/06/13	Wed 19/06/13																			
417		Legacy Environment Shut Down	0%	1 day	Wed 19/06/13	Wed 19/06/13	NG IT																		
418		Production Environment Prep	0%	7 days	Tue 25/06/13	Mon 01/07/13																			
419		Systems Conversion	0%	2 days	Sat 29/06/13	Sun 30/06/13																			
420		Execute Final Data Conversion	0%	1 day	Sat 29/06/13	Sat 29/06/13	NG IT,Oakville																		
421		Verify Data Conversion	0%	1 day	Sun 30/06/13	Sun 30/06/13	NH Team																		
422		System Configuration	0%	6 days	Tue 25/06/13	Sun 30/06/13																			
423		Apply Application Configuration	0%	2 days	Tue 25/06/13	Wed 26/06/13	Oakville																		
424		Apply Security for End Users	0%	2 days	Thu 27/06/13	Fri 28/06/13	Oakville																		
425		Verify Configuration	0%	1 day	Sat 29/06/13	Sat 29/06/13	Oakville																		
426		Check Point of Go Live - Interfac	0%	1 day	Sun 30/06/13	Sun 30/06/13	Oakville																		
427		System Deployment	0%	1 day	Mon 01/07/13	Mon 01/07/13																			
428		Go-Live	0%	1 day	Mon 01/07/13	Mon 01/07/13	Oakville																		
429		Incident and Issue Management - Post Go Live	0%	130 days	Fri 21/06/13	Wed 11/12/13																			
430		Develop Issue Management Strategy	0%	5 days	Fri 21/06/13	Thu 27/06/13	Oakville																		
431		Develop Pre/Post Go Live IT and Application Suppo	0%	5 days	Fri 28/06/13	Tue 02/07/13	Oakville,NH Team																		
432		Implement Go live Staffing Plan	0%	60 days	Wed 03/07/13	Fri 20/09/13	Oakville																		
433		Manage Issues	0%	60 days	Mon 23/09/13	Wed 11/12/13	Oakville																		





ID	% Complete	Task Name	Duration	Start	Finish	Predecessors	2012					2013				2014		
							Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
81	0%	Define roles and responsibilities	2 days	Mon 25/02/13	Tue 26/02/13	80SS												
82	0%	Kick off meeting	1 day	Wed 27/02/13	Wed 27/02/13	81												
83	0%	Requirements Analysis	31 days	Thu 28/02/13	Thu 11/04/13													
84	0%	Voice Communication Systems Analysis	13 days	Thu 28/02/13	Mon 18/03/13													
85	0%	Update requirements document	5 days	Thu 28/02/13	Wed 06/03/13	79												
86	0%	Review and Revise Requirements document	3 days	Thu 07/03/13	Mon 11/03/13	85												
87	0%	Sign off on Requirements document	5 days	Tue 12/03/13	Mon 18/03/13	86												
88	0%	Vendor Specific Requirements	18 days	Tue 19/03/13	Thu 11/04/13													
89	0%	Procure Licenses	1 day	Tue 19/03/13	Tue 19/03/13	87												
90	0%	Review Server Configuration Agreement from Vendor	3 days	Wed 20/03/13	Fri 22/03/13	89												
91	0%	Produce statement of work	5 days	Mon 25/03/13	Fri 29/03/13	90												
92	0%	Review & Revise statement of work	6 days	Mon 01/04/13	Mon 08/04/13	91												
93	0%	Signoff statement of work	3 days	Tue 09/04/13	Thu 11/04/13	92												
94	0%	Bill Print/ Customer Payment (Fiserv)	16 days	Mon 25/02/13	Mon 18/03/13													
95	0%	Planning	5 days	Mon 25/02/13	Fri 01/03/13													
96	0%	Planning	5 days	Mon 25/02/13	Fri 01/03/13	80SS												
97	0%	Identify project team	2 days	Mon 25/02/13	Tue 26/02/13	96SS												
98	0%	Define Roles and Responsibility	2 days	Mon 25/02/13	Tue 26/02/13	97SS												
99	0%	Project kick-off	1 day	Wed 27/02/13	Wed 27/02/13	98												
100	0%	Requirements Analysis	13 days	Thu 28/02/13	Mon 18/03/13													
101	0%	Integration Requirements	13 days	Thu 28/02/13	Mon 18/03/13													
102	0%	CIS (COGSDALE)	13 days	Thu 28/02/13	Mon 18/03/13													
103	0%	Integration requirements session	2 days	Thu 28/02/13	Fri 01/03/13	99												
104	0%	Develop requirements document	5 days	Mon 04/03/13	Fri 08/03/13	103												
105	0%	Review Requirements document	4 days	Mon 11/03/13	Thu 14/03/13	104												
106	0%	Sign off requirements document	2 days	Fri 15/03/13	Mon 18/03/13	105												
107	99%	Energy Efficiency	86 days	Mon 17/09/12	Mon 14/01/13													
108	100%	Discovery	11 days	Mon 17/09/12	Mon 01/10/12													
109	100%	Identify Application Requirements	5 days	Mon 17/09/12	Fri 21/09/12													
110	100%	Identify Reporting Requirements	5 days	Mon 17/09/12	Fri 21/09/12													
111	100%	Document Requirements	5 days	Mon 24/09/12	Fri 28/09/12													
112	100%	Sign Off Requirements	1 day	Mon 01/10/12	Mon 01/10/12													
113	100%	Procurement	65 days	Tue 16/10/12	Mon 14/01/13													
114	100%	Create RFP & Circulate RFP	30 days	Tue 16/10/12	Mon 26/11/12	112FS+10 d												
115	100%	Review RFP & Meet with short Listed vendors	10 days	Tue 27/11/12	Mon 10/12/12	114												
116	100%	Vendor Selection	20 days	Tue 11/12/12	Mon 07/01/13	115												
117	100%	Purchase Solution/Determine workaround Solution	5 days	Tue 08/01/13	Mon 14/01/13	116												
118	12%	Sales - (Gas and Electric)	86 days	Fri 04/01/13	Fri 03/05/13													
119	28%	Discovery	36 days	Fri 04/01/13	Fri 22/02/13													
120	50%	Document Business Process	20 days	Fri 04/01/13	Thu 31/01/13													

Project: National Grid -Meter to C
Date: Wed 30/01/13

Task  Milestone 
Split  Summary 

Project Summary  External Milestone 
External Tasks  Deadline 

Critical  Progress 
Critical Split 

ID	% Complete	Task Name	Duration	Start	Finish	Predecessors	2012					2013				2014		
							Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
121	0%	Identify Application Requirements	5 days	Fri 01/02/13	Thu 07/02/13	120												
122	0%	Identify Reporting Requirements	5 days	Fri 08/02/13	Thu 14/02/13	121												
123	0%	Document Requirements	5 days	Fri 15/02/13	Thu 21/02/13	122												
124	0%	Sign Off Requirements	1 day	Fri 22/02/13	Fri 22/02/13	123												
125	0%	Procurement	50 days	Mon 25/02/13	Fri 03/05/13													
126	0%	Create RFP & Circulate RFP	20 days	Mon 25/02/13	Fri 22/03/13	119												
127	0%	Review RFP & Meet with short Listed vendors	5 days	Mon 25/03/13	Fri 29/03/13	126												
128	0%	Vendor Selection	5 days	Mon 01/04/13	Fri 05/04/13	127												
129	0%	Purchase Solution/Determine workaround Solution	20 days	Mon 08/04/13	Fri 03/05/13	128												
130	22%	GAS	353 days	Mon 28/05/12	Mon 30/09/13													
131	26%	Customer Information System (Cogsdale)	306 days	Mon 28/05/12	Mon 29/07/13													
132	20%	Project Planning	176 days	Mon 26/11/12	Mon 29/07/13													
133	21%	Business Readiness	176 days	Mon 26/11/12	Mon 29/07/13													
134	69%	Business Process design	65 days	Mon 26/11/12	Fri 22/02/13													
135	75%	Design and Document processes and business rules	60 days	Mon 26/11/12	Fri 15/02/13													
136	0%	Obtain stakeholder sign off process changes	5 days	Mon 18/02/13	Fri 22/02/13	135												
137	19%	Change impact Analysis	119.5 days	Thu 06/12/12	Wed 22/05/13													
138	50%	Develop Inventory of all Change impacts for all busin	35 days	Thu 06/12/12	Wed 20/03/13	32												
139	0%	Conduct task analysis for each end user group	30 days	Wed 20/03/13	Wed 01/05/13	138												
140	0%	Forecast go- live impacts of conversion and post conv	10 days	Wed 01/05/13	Wed 15/05/13	139												
141	0%	Communicate Impacts to Stakeholders & Target Gro	10 days	Wed 01/05/13	Wed 15/05/13	139,140SS												
142	0%	Obtain Stakeholder sign off	5 days	Wed 15/05/13	Wed 22/05/13	141												
143	0%	End user Training	116 days	Mon 18/02/13	Mon 29/07/13													
144	0%	Training strategy	13 days	Mon 18/02/13	Wed 06/03/13													
145	0%	Develop Training Strategy	10 days	Mon 18/02/13	Fri 01/03/13	564SS												
146	0%	Determine Training environment	1 day	Mon 04/03/13	Mon 04/03/13	145												
147	0%	Obtain stakeholder sign off	2 days	Tue 05/03/13	Wed 06/03/13	146												
148	0%	Develop Training Material	29 days	Thu 07/03/13	Tue 16/04/13													
149	0%	Create Training Development Schedule	2 days	Thu 07/03/13	Fri 08/03/13	147												
150	0%	Training schedule approval by stakeholders	2 days	Mon 11/03/13	Tue 12/03/13	149												
151	0%	Update Cogsdale's training Material	5 wks	Wed 13/03/13	Tue 16/04/13	150												
152	0%	Deliver Training Material	22 days	Fri 28/06/13	Mon 29/07/13													
153	0%	Prepare Training Environment	1 day	Fri 28/06/13	Fri 28/06/13	625FF-15 da												
154	0%	Create training delivery schedule	1 day	Mon 01/07/13	Mon 01/07/13	153												
155	0%	Deliver New CIS Training	20 days	Tue 02/07/13	Mon 29/07/13	154												
156	0%	Cutover Planning	56 days	Mon 11/03/13	Mon 27/05/13													
157	0%	Cutover planning kick off meeting	1 day	Mon 11/03/13	Mon 11/03/13	566SS												
158	0%	Cutover Planning	30 days	Tue 12/03/13	Mon 22/04/13	157												
159	0%	Build cutover checklist	10 days	Tue 23/04/13	Mon 06/05/13	158												
160	0%	Review and Revise cutover checklist	10 days	Tue 07/05/13	Mon 20/05/13	159												

Project: National Grid -Meter to C
Date: Wed 30/01/13

Task

Milestone

Project Summary

External Milestone

Critical

Progress

Split

Summary

External Tasks

Deadline

Critical Split

ID	% Complete	Task Name	Duration	Start	Finish	Predecessors	2012					2013				2014		
							Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
161	0%	Create cutover schedule	5 days	Tue 21/05/13	Mon 27/05/13	160												
162	0%	Go Live and Readiness Tracking	17 days	Thu 13/06/13	Fri 05/07/13													
163	0%	Develop readiness and metrics and performance targ	10 days	Thu 13/06/13	Wed 26/06/13	697FS-3 mon												
164	0%	gain signoff for readiness targets	5 days	Thu 27/06/13	Wed 03/07/13	163												
165	0%	Hold readiness meetings with stakeholders	1 day	Thu 04/07/13	Thu 04/07/13	164												
166	0%	Present Readiness status for Go-No Go decision	1 day	Fri 05/07/13	Fri 05/07/13	165												
167	0%	Communications Plan	25 days	Mon 04/02/13	Fri 08/03/13													
168	0%	Develop Communication Plan	20 days	Mon 04/02/13	Fri 01/03/13	554SS												
169	0%	Communication Plan Sign off	5 days	Mon 04/03/13	Fri 08/03/13	168												
170	83%	Requirements	195 days	Fri 15/06/12	Thu 14/03/13													
171	83%	Application and Functionality	195 days	Fri 15/06/12	Thu 14/03/13													
172	92%	Cogsdale Detailed Walkthrough Through Document (DW	165 days	Fri 15/06/12	Thu 31/01/13													
173	100%	Develop DWT Report	4 mons	Fri 15/06/12	Thu 04/10/12	15FS+3 mon												
174	100%	Review DWT Report	2 mons	Fri 05/10/12	Thu 29/11/12	173												
175	80%	Revise DWT Report	2 mons	Fri 30/11/12	Thu 24/01/13	174												
176	0%	Sign off DWT Report	1 wk	Fri 25/01/13	Thu 31/01/13	175												
177	33%	Reports	30 days	Fri 01/02/13	Thu 14/03/13													
178	50%	Report Specifications Workshops	5 days	Fri 01/02/13	Thu 07/02/13	172												
179	50%	Report specification document	10 days	Fri 08/02/13	Thu 21/02/13	178												
180	50%	Review Report specification document	5 days	Fri 22/02/13	Thu 28/02/13	179												
181	0%	Sign off on report specifications document	10 days	Fri 01/03/13	Thu 14/03/13	180												
182	65%	Data Conversion	240 days	Mon 28/05/12	Fri 26/04/13													
183	100%	Cogsdale - Data Conversion	47 days	Mon 28/05/12	Tue 31/07/12													
184	100%	Conduct Data mapping planning meetings	2 days	Thu 12/07/12	Fri 13/07/12													
185	100%	Review NG application listing (determine data sources)	47 days	Mon 28/05/12	Tue 31/07/12													
186	99%	Cogsdale - Data Conversion Plan	67 days	Mon 25/06/12	Tue 25/09/12													
187	100%	Data Mapping Sessions - Week 1	5 days	Mon 25/06/12	Fri 29/06/12													
188	100%	Data Mapping Sessions - Week 2	5 days	Mon 30/07/12	Fri 03/08/12													
189	100%	Produce Data Conversion Plan document	10 days	Mon 20/08/12	Fri 31/08/12	188FS+10 da												
190	100%	Review Data Conversion Plan document	5 days	Mon 03/09/12	Fri 07/09/12	189												
191	100%	Revise Data Conversion Report	2 days	Mon 10/09/12	Tue 11/09/12	190												
192	0%	Sign off Data Conversion Report	0 days	Tue 25/09/12	Tue 25/09/12	191FS+10 da												
193	6%	Other Systems - Data Extraction	45 days	Mon 25/02/13	Fri 26/04/13													
194	25%	Determine if there are Data conversion Requirements for other Applications	10 days	Mon 25/02/13	Fri 08/03/13	584FS-3 mons												
195	0%	Data Mapping /Report extract Sessions	5 days	Mon 11/03/13	Fri 15/03/13	194												
196	0%	Documentation	30 days	Mon 18/03/13	Fri 26/04/13	195												
197	8%	Design and Configuration	199 days	Mon 06/08/12	Thu 09/05/13													
198	100%	Environment Setup	17 days	Mon 06/08/12	Tue 28/08/12													
199	100%	IT Hardware setup	0 days	Mon 06/08/12	Mon 06/08/12													

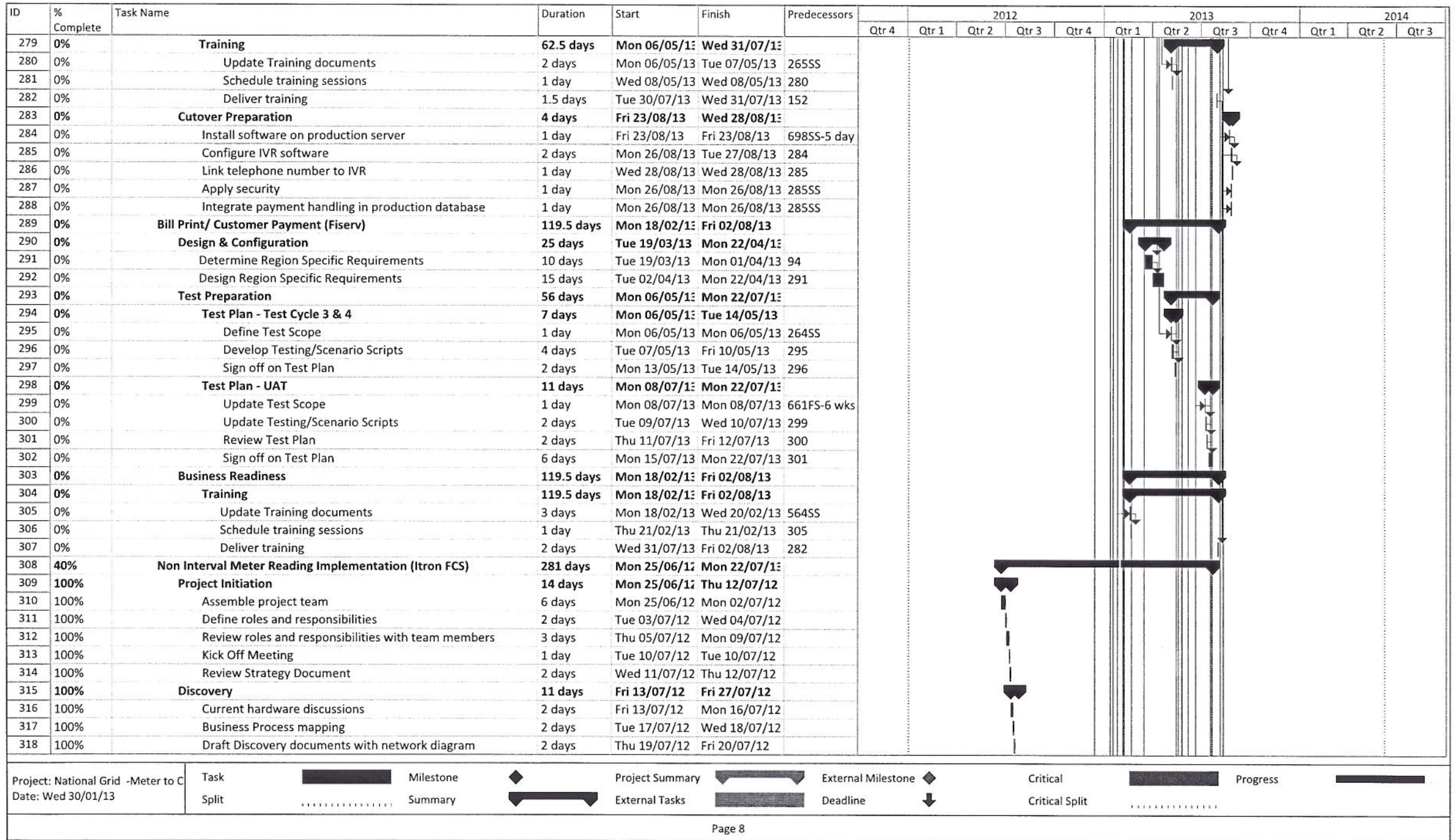
Project: National Grid -Meter to C
Date: Wed 30/01/13

Task  Milestone 
Split Summary 

Project Summary  External Milestone 
External Tasks  Deadline 

Critical  Progress 
Critical Split

ID	% Complete	Task Name	Duration	Start	Finish	Predecessors	2012					2013				2014		
							Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
239	0%	Define Security set up and requirements	10 days	Fri 15/03/13	Thu 28/03/13	234SS												
240	0%	Contact Centre	91 days	Wed 01/05/13	Mon 02/09/13													
241	0%	Manchester	91 days	Wed 01/05/13	Mon 02/09/13													
242	0%	Agent Workstations	67 days	Wed 01/05/13	Thu 01/08/13													
243	0%	Call Management Queue	67 days	Wed 01/05/13	Thu 01/08/13													
244	0%	Cutover	1 day	Mon 02/09/13	Mon 02/09/13													
245	0%	Londondary	91 days	Wed 01/05/13	Mon 02/09/13													
246	0%	Agent Workstations	67 days	Wed 01/05/13	Thu 01/08/13													
247	0%	Call Management Queue	67 days	Wed 01/05/13	Thu 01/08/13													
248	0%	Cutover	1 day	Mon 02/09/13	Mon 02/09/13													
249	0%	Titlon	91 days	Wed 01/05/13	Mon 02/09/13													
250	0%	Agent Workstations	67 days	Wed 01/05/13	Thu 01/08/13													
251	0%	Call Management Queue	67 days	Wed 01/05/13	Thu 01/08/13													
252	0%	Cutover	1 day	Mon 02/09/13	Mon 02/09/13													
253	0%	IVR - Telecom	99 days	Fri 12/04/13	Wed 28/08/13													
254	0%	Design & Configuration	16 days	Fri 12/04/13	Fri 03/05/13													
255	0%	Configure Telephone System's call flow through process	2 days	Fri 12/04/13	Mon 15/04/13	93												
256	0%	Configure Database	2 days	Tue 16/04/13	Wed 17/04/13	255												
257	0%	Configure All Required Features	3 days	Thu 18/04/13	Mon 22/04/13	256												
258	0%	Configure call flows	3 days	Tue 23/04/13	Thu 25/04/13	257												
259	0%	Configure Administrator and User Accounts	1 day	Fri 26/04/13	Fri 26/04/13	258												
260	0%	Set up PayPal account and payment handling	2 days	Mon 29/04/13	Tue 30/04/13	259												
261	0%	Configure Reports and Design Layouts	1 day	Wed 01/05/13	Wed 01/05/13	260												
262	0%	Review full Configuration for Accounts and Call flow	2 days	Thu 02/05/13	Fri 03/05/13	261												
263	0%	Test Preparation	56 days	Mon 06/05/13	Mon 22/07/13													
264	0%	Test Plan - Test Cycle 3 & 4	7 days	Mon 06/05/13	Tue 14/05/13													
265	0%	Define Test Scope	1 day	Mon 06/05/13	Mon 06/05/13	254												
266	0%	Develop Testing/Scenario Scripts	4 days	Tue 07/05/13	Fri 10/05/13	265												
267	0%	Sign off on Test Plan	2 days	Mon 13/05/13	Tue 14/05/13	266												
268	0%	Test Plan - UAT	11 days	Mon 08/07/13	Mon 22/07/13													
269	0%	Update Test Scope	1 day	Mon 08/07/13	Mon 08/07/13	661FS-6 wks												
270	0%	Update Testing/Scenario Scripts	2 days	Tue 09/07/13	Wed 10/07/13	269												
271	0%	Review Test Plan	2 days	Thu 11/07/13	Fri 12/07/13	270												
272	0%	Sign off on Test Plan	6 days	Mon 15/07/13	Mon 22/07/13	271												
273	0%	Business Readiness	62.5 days	Mon 06/05/13	Wed 31/07/13													
274	0%	Cutover Planning	16 days	Mon 24/06/13	Mon 15/07/13													
275	0%	Cutover planning kick off meeting	1 day	Mon 24/06/13	Mon 24/06/13	645FS-15 da												
276	0%	Build cutover checklist	5 days	Tue 25/06/13	Mon 01/07/13	275												
277	0%	Review and Revise cutover checklist	5 days	Tue 02/07/13	Mon 08/07/13	276												
278	0%	Create cutover schedule	5 days	Tue 09/07/13	Mon 15/07/13	277												



ID	% Complete	Task Name	Duration	Start	Finish	Predecessors	2012					2013				2014		
							Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
319	100%	Review documents and Diagram	2 days	Mon 23/07/12	Tue 24/07/12													
320	100%	Perform changes to discovery document	2 days	Wed 25/07/12	Thu 26/07/12													
321	100%	Sign off on Discovery diagram	1 day	Fri 27/07/12	Fri 27/07/12													
322	100%	Business Case	18 days	Wed 29/08/12	Fri 21/09/12													
323	100%	Business Case Creation	6 days	Wed 29/08/12	Wed 05/09/12													
324	100%	Business Case review	3 days	Thu 06/09/12	Mon 10/09/12													
325	100%	Business case updates	4 days	Tue 11/09/12	Fri 14/09/12													
326	100%	Business case sign off	5 days	Mon 17/09/12	Fri 21/09/12													
327	40%	Requirements	151 days	Fri 13/07/12	Fri 08/02/13													
328	100%	Initial meeting discussion to discuss requirements	4 days	Fri 13/07/12	Wed 18/07/12													
329	100%	Develop draft project Requirements documents	3 days	Thu 19/07/12	Mon 23/07/12													
330	100%	Project requirement review meeting	2 days	Tue 24/07/12	Wed 25/07/12													
331	100%	Project Requirement revisions	2 days	Thu 26/07/12	Fri 27/07/12													
332	100%	Sign off on project requirement	1 day	Mon 30/07/12	Mon 30/07/12													
333	46%	Project Statement of Work	114 days	Tue 31/07/12	Fri 04/01/13													
334	100%	Itron Compilation of SOW Document	6 days	Tue 31/07/12	Tue 07/08/12													
335	100%	Delivery of Draft SOW Document	6 days	Wed 08/08/12	Wed 15/08/12													
336	50%	Interval SOW Document Review Meeting	10 days	Mon 03/12/12	Fri 14/12/12													
337	0%	Itron Inclusion of SOW Revisions	12 days	Mon 17/12/12	Tue 01/01/13	336												
338	0%	Liberty Acceptance of SOW Revisions	3 days	Wed 02/01/13	Fri 04/01/13	337												
339	8%	IT infrastructure and Analysis	86 days	Fri 28/09/12	Fri 25/01/13													
340	0%	Create Purchase Order for Itron Software	3 days	Mon 07/01/13	Wed 09/01/13	333												
341	100%	Define data interface (MVRS, P4, XML)	1 day	Fri 28/12/12	Fri 28/12/12	340												
342	50%	Finalize and acquire Database license	2 days	Fri 28/09/12	Mon 31/12/12	341												
343	0%	Finalize areas of responsibilities	2 days	Tue 01/01/13	Wed 02/01/13	342												
344	0%	Review Itron Project Plan	2 days	Thu 03/01/13	Fri 04/01/13	343												
345	0%	Finalize Itron Project Plan	2 days	Mon 07/01/13	Tue 08/01/13	344												
346	0%	Sign off on Project Plan	0 days	Tue 08/01/13	Tue 08/01/13	345												
347	0%	Review hardware and database requirements	2 days	Wed 09/01/13	Thu 10/01/13	346												
348	0%	Purchase Hardware (Computers and other peripherals)	6 days	Fri 11/01/13	Fri 18/01/13	347												
349	0%	Provide training material on handhelds, desktop and serv	1 day	Mon 21/01/13	Mon 21/01/13	348												
350	0%	Create parallel testing plan in conjunction with Itron	4 days	Tue 22/01/13	Fri 25/01/13	349												
351	27%	Integration Requirements	76 days	Fri 26/10/12	Fri 08/02/13													
352	100%	Create Cogsdale data interface requirements	3 days	Fri 26/10/12	Tue 29/01/13	339												
353	0%	Review Integration requirements with Business	4 days	Wed 30/01/13	Mon 04/02/13	352												
354	0%	Create data interface requirements from Gastar to MV9C	2 days	Tue 05/02/13	Wed 06/02/13	353												
355	0%	Review Integration requirements with Business	2 days	Thu 07/02/13	Fri 08/02/13	354												
356	0%	Design & Configuration	58 days	Mon 28/01/13	Wed 17/04/13													
357	0%	Hardware and Software installation	11 days	Mon 28/01/13	Mon 11/02/13													
358	0%	Install Database\Application server	3 days	Mon 28/01/13	Wed 30/01/13	339												

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Project Summary  External Milestone 
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Critical  Progress 
Critical Split 

ID	% Complete	Task Name	Duration	Start	Finish	Predecessors	2012					2013				2014		
							Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
398	100%	Project Discovery	46 days	Fri 13/07/12	Fri 14/09/12													
399	100%	Current Hardware discussions	2 days	Fri 13/07/12	Mon 16/07/12													
400	100%	Business Process mapping	2 days	Tue 17/07/12	Wed 18/07/12													
401	100%	Draft Discovery documents with network diagram	2 days	Thu 19/07/12	Fri 20/07/12													
402	100%	Review documents and Diagram	2 days	Mon 23/07/12	Tue 24/07/12													
403	100%	Perform changes to discovery document	2 days	Wed 25/07/12	Thu 26/07/12													
404	100%	Sign off on Discovery diagram	1 day	Fri 27/07/12	Fri 27/07/12													
405	100%	Test communication with the METRETEK meters using MV90	25 days	Mon 30/07/12	Fri 31/08/12													
406	100%	METRETEK communication Report	5 days	Mon 03/09/12	Fri 07/09/12													
407	100%	Next Steps Document and Strategy	5 days	Mon 10/09/12	Fri 14/09/12													
408	100%	Requirements	10 days	Fri 13/07/12	Thu 26/07/12													
409	100%	Initial meeting discussion to discuss requirements	2 days	Fri 13/07/12	Mon 16/07/12													
410	100%	Develop draft project Requirements documents	3 days	Tue 17/07/12	Thu 19/07/12													
411	100%	Project requirement review meeting	2 days	Fri 20/07/12	Mon 23/07/12													
412	100%	Project Requirement revisions	2 days	Tue 24/07/12	Wed 25/07/12													
413	100%	Sign off on project requirement	1 day	Thu 26/07/12	Thu 26/07/12													
414	61%	Project Statement of Work	133 days	Tue 31/07/12	Thu 31/01/13													
415	100%	Itron Compilation of SOW Document	6 days	Tue 31/07/12	Tue 07/08/12	334SS												
416	100%	Delivery of Draft SOW Document	6 days	Wed 08/08/12	Wed 15/08/12	335SS												
417	100%	Interval SOW Document Review Meeting	10 days	Mon 03/12/12	Fri 14/12/12	336SS												
418	100%	Itron Inclusion of SOW Revisions	12 days	Mon 17/12/12	Tue 01/01/13	337SS												
419	0%	Liberty Acceptance of SOW Revisions	22 days	Wed 02/01/13	Thu 31/01/13	338SS												
420	100%	Integration Requirements	11 days	Fri 27/07/12	Fri 10/08/12													
421	100%	Create Cogsdale data interface requirements	3 days	Fri 27/07/12	Tue 31/07/12	408												
422	100%	Review Integration requirements with Business	4 days	Wed 01/08/12	Mon 06/08/12	421												
423	100%	Create data interface requirements with Gas Star	2 days	Tue 07/08/12	Wed 08/08/12	422												
424	100%	Review Integration requirements with Business	2 days	Thu 09/08/12	Fri 10/08/12	423												
425	56%	IT infrastructure and Analysis	16 days	Fri 01/02/13	Fri 22/02/13													
426	100%	Create Purchase Order for Itron Software	3 days	Fri 01/02/13	Tue 05/02/13													
427	100%	Define data interface (MDEF, LOTUS, MV9 etc.)- Billing determinants	4 days	Wed 06/02/13	Mon 11/02/13	426												
428	100%	Finalize and acquire Database license	2 days	Tue 12/02/13	Wed 13/02/13	427												
429	0%	Purchase Hardware (Computers and other peripherals)	6 days	Thu 14/02/13	Thu 21/02/13	428												
430	0%	Provide training material on handhelds, desktop and server	1 day	Fri 22/02/13	Fri 22/02/13	429												
431	0%	Design & Configuration	27 days	Mon 25/02/13	Tue 02/04/13													
432	0%	Hardware and Software installation	4 days	Mon 25/02/13	Thu 28/02/13													
433	0%	Configuration MV90 on the Workstation and COMM sever	2 days	Mon 25/02/13	Tue 26/02/13	425												
434	0%	Configuration of Databases and Servers	2 days	Wed 27/02/13	Thu 28/02/13	433												
435	0%	Build Integration	14 days	Fri 01/03/13	Wed 20/03/13													
436	0%	Build Integration Gastar to Cogsdale	5 days	Fri 01/03/13	Thu 07/03/13	434												

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Task

Milestone

Project Summary

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ID	% Complete	Task Name	Duration	Start	Finish	Predecessors	2012					2013				2014		
							Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
437	0%	Test Integration Gastar to Cogsdale	2 days	Fri 08/03/13	Mon 11/03/13	436												
438	0%	Build Integration MV90 to Gas Star	5 days	Tue 12/03/13	Mon 18/03/13	437												
439	0%	Test integration MV90 to Gas Star	2 days	Tue 19/03/13	Wed 20/03/13	438												
440	0%	Installation & Configuration	1 day	Fri 01/03/13	Fri 01/03/13													
441	0%	Install MV-90 on client computer	1 day	Fri 01/03/13	Fri 01/03/13	434												
442	0%	Data Conversion	10 days	Fri 01/03/13	Thu 14/03/13													
443	0%	Initial meeting to discuss scope of Data Conversion - Metretek to MV90	1 day	Mon 04/03/13	Mon 04/03/13	441												
444	0%	Data conversion strategy draft	2 days	Tue 05/03/13	Wed 06/03/13	443												
445	0%	Review meeting of Strategy documents	2 days	Thu 07/03/13	Fri 08/03/13	444												
446	0%	Document update as per review meeting	2 days	Mon 11/03/13	Tue 12/03/13	445												
447	0%	Sign off on strategy documents	2 days	Wed 13/03/13	Thu 14/03/13	446												
448	0%	Perform Data conversion (Master Files and Data) as per s	4 days	Fri 01/03/13	Wed 06/03/13	432												
449	0%	Validation of set up	4 days	Thu 28/03/13	Tue 02/04/13													
450	0%	Validate remote read meters using all the different comm	2 days	Thu 28/03/13	Fri 29/03/13	456												
451	0%	Validate upload and download of data	2 days	Mon 01/04/13	Tue 02/04/13	450												
452	0%	Training	4 days	Thu 18/04/13	Tue 23/04/13													
453	0%	Train meter data specialist on daily operation of MV-90xi De	2 days	Thu 18/04/13	Fri 19/04/13	375												
454	0%	Train Administrator on daily operations of MV-90x Comm Se	2 days	Mon 22/04/13	Tue 23/04/13	453												
455	0%	Quality Assurance	98 days	Wed 06/03/13	Mon 22/07/13													
456	0%	Data Conversion - Metrotec to MV90	15 days	Wed 06/03/13	Wed 27/03/13													
457	0%	Data Extract Delivered	0 days	Wed 06/03/13	Wed 06/03/13	448												
458	0%	Build Data Imports	10 days	Thu 07/03/13	Wed 20/03/13	457												
459	0%	Execute Conversion	5 days	Thu 21/03/13	Wed 27/03/13	458												
460	0%	Test Preparation	96 days	Mon 11/03/13	Mon 22/07/13													
461	0%	Test Plan - Test Cycle 3 & 4	14 days	Mon 11/03/13	Thu 28/03/13													
462	0%	Define Test Scope	1 day	Mon 11/03/13	Mon 11/03/13	580FS-12 wk												
463	0%	Develop Testing/Scenario Scripts	4 days	Thu 21/03/13	Tue 26/03/13	462												
464	0%	Sign off on Test Plan	2 days	Wed 27/03/13	Thu 28/03/13	463												
465	0%	Test Plan - UAT	11 days	Mon 08/07/13	Mon 22/07/13													
466	0%	Update Test Scope	1 day	Mon 08/07/13	Mon 08/07/13	661FS-6 wks												
467	0%	Update Testing/Scenario Scripts	2 days	Tue 09/07/13	Wed 10/07/13	466												
468	0%	Review Test Plan	2 days	Thu 11/07/13	Fri 12/07/13	467												
469	0%	Sign off on Test Plan	6 days	Mon 15/07/13	Mon 22/07/13	468												
470	0%	Energy Efficiency	108 days	Tue 15/01/13	Thu 13/06/13													
471	0%	Phase 1 - Reports	54 days	Tue 15/01/13	Fri 29/03/13	107												
472	0%	Seed Data loaded	1 day	Tue 15/01/13	Tue 15/01/13	107												
473	0%	UAT	13 days	Wed 16/01/13	Fri 01/02/13	472												
474	0%	UAT Fixes	10 days	Mon 04/02/13	Fri 15/02/13	473												
475	0%	Build Finalized	10 days	Mon 18/02/13	Fri 01/03/13	474												

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Task

Milestone

Project Summary

External Milestone

Critical

Progress

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Summary

External Tasks

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Critical Split

ID	% Complete	Task Name	Duration	Start	Finish	Predecessors	2012					2013				2014		
							Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
476	0%	Unit test	20 days	Mon 04/03/13	Fri 29/03/13	475												
477	0%	Reports Completed	0 days	Fri 29/03/13	Fri 29/03/13	476												
478	0%	Phase 2 - Historical Data Usage Data Transfer	54 days	Mon 01/04/13	Thu 13/06/13													
479	0%	Discovery	22 days	Mon 01/04/13	Tue 30/04/13	471												
480	0%	Development	32 days	Wed 01/05/13	Thu 13/06/13	479												
481	0%	Billing System Integration	54 days	Mon 01/04/13	Thu 13/06/13													
482	0%	Discovery	22 days	Mon 01/04/13	Tue 30/04/13	479SS												
483	0%	Development	32 days	Wed 01/05/13	Thu 13/06/13	480SS												
484	0%	Sales - Gas Sales	56 days	Mon 06/05/13	Mon 22/07/13													
485	0%	Design & Configuration	1 day	Mon 06/05/13	Mon 06/05/13													
486	0%	Configure solution	1 day	Mon 06/05/13	Mon 06/05/13	125												
487	0%	Tess Preparation	55 days	Tue 07/05/13	Mon 22/07/13	485												
488	0%	Test Plan - Test Cycle 3 & 4	6 days	Tue 07/05/13	Tue 14/05/13													
489	0%	Define Test Scope	1 day	Tue 07/05/13	Tue 07/05/13	254												
490	0%	Develop Testing/Scenario Scripts	4 days	Tue 07/05/13	Fri 10/05/13	265												
491	0%	Sign off on Test Plan	2 days	Mon 13/05/13	Tue 14/05/13	266												
492	0%	Test Plan - UAT	11 days	Mon 08/07/13	Mon 22/07/13													
493	0%	Update Test Scope	1 day	Mon 08/07/13	Mon 08/07/13	661FS-6 wks												
494	0%	Update Testing/Scenario Scripts	2 days	Tue 09/07/13	Wed 10/07/13	269												
495	0%	Review Test Plan	2 days	Thu 11/07/13	Fri 12/07/13	270												
496	0%	Sign off on Test Plan	6 days	Mon 15/07/13	Mon 22/07/13	271												
497	24%	Quality Assurance	273 days	Wed 08/08/12	Fri 23/08/13													
498	100%	Training	50 days	Mon 12/11/12	Fri 18/01/13													
499	100%	Cogsdale Training for project Team - 1st Module	5 days	Mon 12/11/12	Fri 16/11/12													
500	100%	Cogsdale Training for LU - East Project Team 1st Mod	5 days	Mon 12/11/12	Fri 16/11/12	499SS												
501	100%	Cogsdale Training for project Team - New QA analyst	5 days	Mon 07/01/13	Fri 11/01/13													
502	100%	Cogsdale Training for LU - East Project Team - New Hires	5 days	Mon 14/01/13	Fri 18/01/13	501												
503	22%	Testing	273 days	Wed 08/08/12	Fri 23/08/13													
504	100%	Test Strategy	133 days	Wed 08/08/12	Fri 08/02/13													
505	100%	Define Test Strategy	3 days	Wed 08/08/12	Fri 10/08/12													
506	100%	Review and Revise Test Strategy	8 days	Wed 31/10/12	Fri 09/11/12	505SS+3 mo												
507	100%	Sign off on Test Strategy	0 days	Fri 09/11/12	Fri 09/11/12	506												
508	100%	Train users on Test Management tool	1 day	Mon 12/11/12	Mon 12/11/12	506												
509	100%	Set up Test Management tool	10 days	Mon 13/08/12	Fri 24/08/12	505												
510	100%	Develop Testing/Scenario Scripts	65 days	Mon 12/11/12	Fri 08/02/13	506												
511	100%	Test Cycle 1	85 days	Mon 20/08/12	Fri 14/12/12													
512	100%	Test Preparation	60 days	Mon 20/08/12	Fri 09/11/12													
513	100%	Define Test Scope	1 day	Mon 20/08/12	Mon 20/08/12													
514	100%	Develop Test Scope Document	3 days	Tue 21/08/12	Thu 23/08/12	513												
515	100%	Develop Testing/Scenario Scripts	2 days	Fri 24/08/12	Mon 27/08/12	514												

Project: National Grid -Meter to C

Date: Wed 30/01/13

Task

Split

Milestone

Summary

Project Summary

External Tasks

External Milestone

Deadline

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Critical Split

Progress

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ID	% Complete	Task Name	Duration	Start	Finish	Predecessors	2012					2013				2014		
							Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
516	100%	Set up Test Management tool	7 days	Tue 28/08/12	Wed 05/09/12	515												
517	100%	Sign off on Test Scope Document	1 day	Fri 24/08/12	Fri 24/08/12	514												
518	100%	Test Environment Setup	6 days	Tue 28/08/12	Tue 04/09/12													
519	100%	Determine Test Environment code Requirement	1 day	Tue 28/08/12	Tue 28/08/12	515												
520	100%	Enter CIS Configuration	4 days	Wed 29/08/12	Mon 03/09/12	519												
521	100%	Add users and appropriate security	1 day	Tue 04/09/12	Tue 04/09/12	520												
522	100%	Data Conversion	20 days	Mon 15/10/12	Fri 09/11/12													
523	100%	Data Extract Delivered	0 days	Mon 15/10/12	Mon 15/10/12													
524	100%	Build Data Imports	10 days	Mon 15/10/12	Fri 26/10/12													
525	100%	Execute Conversion	5 days	Mon 05/11/12	Fri 09/11/12													
526	100%	Test Execution	25 days	Mon 12/11/12	Fri 14/12/12													
527	100%	Execute test cases	10 days	Mon 12/11/12	Fri 07/12/12	512												
528	100%	Premise	10 days	Mon 12/11/12	Fri 23/11/12	527SS												
529	100%	Customer	10 days	Mon 26/11/12	Fri 07/12/12	528												
530	100%	Service	10 days	Mon 26/11/12	Fri 07/12/12	529SS												
531	100%	NG Data Verification and Validation	5 days	Mon 10/12/12	Fri 14/12/12	530												
532	100%	Exit	5 days	Mon 10/12/12	Fri 14/12/12													
533	100%	Generate Summary Report	5 days	Mon 10/12/12	Fri 14/12/12	529												
534	100%	Review Results	5 days	Mon 10/12/12	Fri 14/12/12	533SS												
535	100%	Assigned all defects	5 days	Mon 10/12/12	Fri 14/12/12	533SS												
536	100%	Determine workaround if required	5 days	Mon 10/12/12	Fri 14/12/12	533SS												
537	100%	Archive test data	1 day	Fri 14/12/12	Fri 14/12/12	536FF												
538	100%	Test Cycle 1 Complete	0 days	Fri 14/12/12	Fri 14/12/12	536												
539	43%	Test Cycle 2	65 days	Mon 17/12/12	Fri 15/03/13													
540	71%	Test Preparation	36 days	Mon 17/12/12	Mon 04/02/13													
541	71%	Define Test Scope	36 days	Mon 17/12/12	Mon 04/02/13	511												
542	100%	Develop Test Scope Document	2 days	Mon 31/12/12	Tue 01/01/13													
543	75%	Develop Testing/Scenario Scripts	5 wks	Mon 31/12/12	Fri 01/02/13	542SS												
544	75%	Set up Test Management tool	1 day	Mon 04/02/13	Mon 04/02/13	543												
545	25%	Sign off on Test Scope Document	5 days	Mon 31/12/12	Fri 04/01/13	542SS												
546	91%	Test Environment Setup	31 days	Mon 17/12/12	Mon 28/01/13													
547	100%	Determine Test Environment code Requirement	5 days	Mon 17/12/12	Fri 21/12/12	511												
548	100%	Enter CIS Configuration	5 days	Mon 21/01/13	Fri 25/01/13	554SS-10 da												
549	0%	Add users and appropriate security	1 day	Mon 28/01/13	Mon 28/01/13	548												
550	65%	Data Conversion	25 days	Mon 31/12/12	Fri 01/02/13													
551	100%	Data Extract Delivered	5 days	Mon 31/12/12	Fri 04/01/13	526FS-5 day												
552	75%	Build Data Imports	15 days	Mon 07/01/13	Fri 25/01/13	551												
553	0%	Execute Conversion	5 days	Mon 28/01/13	Fri 01/02/13	552												
554	0%	Test Execution	25 days	Mon 04/02/13	Fri 08/03/13													
555	0%	Execute test cases	25 days	Mon 04/02/13	Fri 08/03/13	550												

Project: National Grid -Meter to C
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Task

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Project Summary

External Tasks

External Milestone

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Critical

Critical Split

Progress

ID	% Complete	Task Name	Duration	Start	Finish	Predecessors	2012					2013				2014		
							Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
556	0%	NG Data Verification and Validation	10 days	Mon 25/02/13	Fri 08/03/13	555FS-10 da												
557	0%	Exit	5 days	Mon 11/03/13	Fri 15/03/13													
558	0%	Review Results	1 day	Mon 11/03/13	Mon 11/03/13	554												
559	0%	Assigned all defects	2 days	Tue 12/03/13	Wed 13/03/13	558												
560	0%	Determine workaround if required	4 days	Tue 12/03/13	Fri 15/03/13	559SS												
561	0%	Generate Summary Report	1 day	Thu 14/03/13	Thu 14/03/13	559												
562	0%	Archive test data	1 day	Fri 15/03/13	Fri 15/03/13	561												
563	0%	Test Cycle 2 Complete	0 days	Fri 15/03/13	Fri 15/03/13	562												
564	0%	Test Cycle 3 - With System Integration Testing	70 days	Mon 18/02/13	Fri 24/05/13	77												
565	0%	Test Preparation	29 days	Mon 18/02/13	Thu 28/03/13													
566	0%	Define Test Scope	5 days	Mon 11/03/13	Fri 15/03/13	557SS												
567	0%	Develop Test Scope Document	2 days	Mon 18/03/13	Tue 19/03/13	566												
568	0%	Develop Testing/Scenario Scripts	7 days	Wed 20/03/13	Thu 28/03/13	567												
569	0%	Sign off on Test Scope Document	5 days	Wed 20/03/13	Tue 26/03/13	567												
570	0%	Test Environment Setup - All Systems	6 days	Mon 18/03/13	Mon 25/03/13													
571	0%	Determine Test Environment code Requirement	5 days	Mon 18/03/13	Fri 22/03/13	539												
572	0%	Enter CIS Configuration	5 days	Mon 18/03/13	Fri 22/03/13	580SS-10 da												
573	0%	Enter Configuration for all integrated systems	5 days	Mon 18/03/13	Fri 22/03/13	580SS-10 da												
574	0%	Add users and appropriate security for all system	1 day	Mon 25/03/13	Mon 25/03/13	573												
575	0%	Data Conversion - All systems	26 days	Mon 18/02/13	Mon 25/03/13													
576	0%	Determine Data Requirements for all Systems	1 day	Mon 18/02/13	Mon 18/02/13	557SS-16 da												
577	0%	Data Extract Delivered	15 days	Tue 19/02/13	Mon 11/03/13	576												
578	0%	Build Data Imports	5 days	Tue 12/03/13	Mon 18/03/13	577												
579	0%	Execute Conversion	5 days	Tue 19/03/13	Mon 25/03/13	578												
580	0%	Test Execution	35 days	Mon 01/04/13	Fri 17/05/13													
581	0%	Business Process Tests	10 days	Mon 01/04/13	Fri 12/04/13	539FS+2 wk												
582	0%	Execute Test Cases	5 days	Mon 01/04/13	Fri 05/04/13													
583	0%	NG Data Verification and Validation	5 days	Mon 08/04/13	Fri 12/04/13	582												
584	0%	System Integration Testing	30 days	Mon 08/04/13	Fri 17/05/13													
585	0%	Wennsoft - Service Orders	15 days	Mon 08/04/13	Fri 26/04/13	582												
586	0%	Non Interval meter Reading - ITRON FS	15 days	Mon 08/04/13	Fri 26/04/13	582												
587	0%	Interval meter data - MV90	15 days	Mon 08/04/13	Fri 26/04/13	582												
588	0%	Meter Data Management	15 days	Mon 08/04/13	Fri 26/04/13	582												
589	0%	General Ledger	15 days	Mon 08/04/13	Fri 26/04/13	582												
590	0%	GASTAR	15 days	Mon 08/04/13	Fri 26/04/13	582												
591	0%	Payments (Lockbox and EFT)	15 days	Mon 08/04/13	Fri 26/04/13	582												
592	0%	Credit, Collection interfaces (Collection Agency, D	15 days	Mon 08/04/13	Fri 26/04/13	582												
593	0%	Bill Print	20 days	Mon 08/04/13	Fri 03/05/13	582												
594	0%	IVR Self Service	20 days	Mon 22/04/13	Fri 17/05/13	582FS+10 da												
595	0%	GIS, OMS	20 days	Mon 22/04/13	Fri 17/05/13	594SS												

ID	% Complete	Task Name	Duration	Start	Finish	Predecessors	2012					2013				2014		
							Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
596	0%	Web Self Service	20 days	Mon 22/04/13	Fri 17/05/13	594SS												
597	0%	Customer Choice	20 days	Mon 22/04/13	Fri 17/05/13	594SS												
598	0%	Energy Assistance	20 days	Mon 22/04/13	Fri 17/05/13	594SS												
599	0%	Gas Sales	20 days	Mon 22/04/13	Fri 17/05/13	594SS												
600	0%	Performance Testing	10 days	Mon 22/04/13	Fri 03/05/13													
601	0%	Conduct testing with 3x data load	10 days	Mon 22/04/13	Fri 03/05/13	594SS												
602	0%	Execute all business process tests	10 days	Mon 22/04/13	Fri 03/05/13	601SS												
603	0%	Exit	5 days	Mon 20/05/13	Fri 24/05/13													
604	0%	Review Results	1 day	Mon 20/05/13	Mon 20/05/13	580												
605	0%	Assigned all defects	2 days	Tue 21/05/13	Wed 22/05/13	604												
606	0%	Determine workaround if required	4 days	Mon 20/05/13	Thu 23/05/13	604SS												
607	0%	Generate Summary Report	2 days	Thu 23/05/13	Fri 24/05/13	605												
608	0%	Archive test data	1 day	Fri 24/05/13	Fri 24/05/13	607FF												
609	0%	Test Cycle 3 Complete	0 days	Fri 24/05/13	Fri 24/05/13	608												
610	0%	Test Cycle 4	76 days	Mon 08/04/13	Mon 22/07/13													
611	0%	Test Preparation	40 days	Mon 08/04/13	Fri 31/05/13													
612	0%	Define Test Scope	3 days	Mon 20/05/13	Wed 22/05/13	580												
613	0%	Develop Test Scope Document	2 days	Thu 23/05/13	Fri 24/05/13	612												
614	0%	Develop Testing/Scenario Scripts	5 days	Mon 27/05/13	Fri 31/05/13	613												
615	0%	Sign off on Test Scope Document	2 days	Mon 27/05/13	Tue 28/05/13	613												
616	0%	Test Environment Setup	10 days	Mon 20/05/13	Fri 31/05/13													
617	0%	Determine Test Environment code Requirement	5 days	Mon 20/05/13	Fri 24/05/13	603SS												
618	0%	Enter CIS Configuration	5 days	Mon 20/05/13	Fri 24/05/13	603SS												
619	0%	Enter Configuration for all integrated systems	5 days	Mon 27/05/13	Fri 31/05/13	618												
620	0%	Data Conversion - All systems	25 days	Mon 08/04/13	Fri 10/05/13													
621	0%	Determine Data Requirements for all Systems	1 day	Mon 08/04/13	Mon 08/04/13	600SS-10 da												
622	0%	Data Extract Delivered	15 days	Mon 08/04/13	Fri 26/04/13	621SS												
623	0%	Build Data Imports	5 days	Mon 29/04/13	Fri 03/05/13	622												
624	0%	Execute Conversion	5 days	Mon 06/05/13	Fri 10/05/13	623												
625	0%	Test Execution	35 days	Mon 03/06/13	Fri 19/07/13													
626	0%	Business Process Testing	10 days	Mon 03/06/13	Fri 14/06/13													
627	0%	Execute test cases	10 days	Mon 03/06/13	Fri 14/06/13	616												
628	0%	NG Data Verification and Validation	10 days	Mon 03/06/13	Fri 14/06/13	627SS												
629	0%	System Integration Testing	20 days	Mon 03/06/13	Fri 28/06/13													
630	0%	Wennsoft - Service Orders	20 days	Mon 03/06/13	Fri 28/06/13	627SS												
631	0%	Non Interval meter Reading - ITRON FS	20 days	Mon 03/06/13	Fri 28/06/13	627SS												
632	0%	Interval meter data - MV90	20 days	Mon 03/06/13	Fri 28/06/13	627SS												
633	0%	Meter Data Management	20 days	Mon 03/06/13	Fri 28/06/13	627SS												
634	0%	General Ledger	20 days	Mon 03/06/13	Fri 28/06/13	627SS												
635	0%	GASTAR	20 days	Mon 03/06/13	Fri 28/06/13	627SS												

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Task

Milestone

Project Summary

External Milestone

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Progress

Split

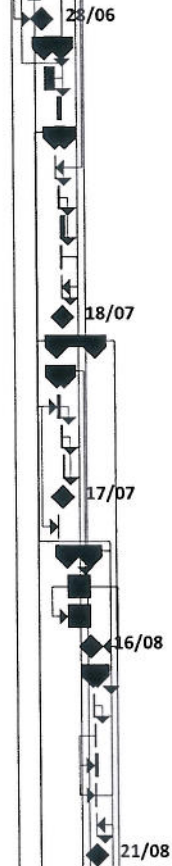
Summary

External Tasks

Deadline

Critical Split

ID	% Complete	Task Name	Duration	Start	Finish	Predecessors	2012					2013				2014		
							Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
636	0%	Payments (Lockbox and EFT)	20 days	Mon 03/06/13	Fri 28/06/13	627SS												
637	0%	Credit, Collection interfaces (Collection Agency, D	20 days	Mon 03/06/13	Fri 28/06/13	627SS												
638	0%	Bill Print	20 days	Mon 03/06/13	Fri 28/06/13	627SS												
639	0%	IVR Self Service	20 days	Mon 03/06/13	Fri 28/06/13	627SS												
640	0%	Web Self Service	20 days	Mon 03/06/13	Fri 28/06/13	627SS												
641	0%	Customer Choice	20 days	Mon 03/06/13	Fri 28/06/13	627SS												
642	0%	Energy Assistance	10 days	Fri 14/06/13	Thu 27/06/13	483												
643	0%	CODE FREEZE IMPLEMENTED FOR ALL SYSTEMS	0 days	Fri 28/06/13	Fri 28/06/13	629												
644	0%	Dress Rehearsals	15 days	Mon 01/07/13	Fri 19/07/13													
645	0%	Dress Rehearsal 1	10 days	Mon 01/07/13	Fri 12/07/13	629												
646	0%	Dress Rehearsal 2	5 days	Mon 15/07/13	Fri 19/07/13	645												
647	0%	Exit	7 days	Fri 12/07/13	Mon 22/07/13													
648	0%	Review Results	1 day	Fri 12/07/13	Fri 12/07/13	625FF-5 day												
649	0%	Assigned all defects	2 days	Mon 15/07/13	Tue 16/07/13	648												
650	0%	Determine workaround if required	4 days	Wed 17/07/13	Mon 22/07/13	649												
651	0%	Generate Summary Report	2 days	Wed 17/07/13	Thu 18/07/13	649												
652	0%	Archive test data	1 day	Thu 18/07/13	Thu 18/07/13	651FF												
653	0%	Test Cycle 4 Complete	0 days	Thu 18/07/13	Thu 18/07/13	652												
654	0%	User Acceptance Testing (UAT)	31 days	Fri 12/07/13	Fri 23/08/13													
655	0%	Test Preparation	6 days	Fri 12/07/13	Fri 19/07/13													
656	0%	Define Test Scope	2 days	Fri 12/07/13	Mon 15/07/13	647SS												
657	0%	Develop Test Scope Document	2 days	Tue 16/07/13	Wed 17/07/13	656												
658	0%	Develop Testing/Scenario Scripts	2 days	Thu 18/07/13	Fri 19/07/13	657												
659	0%	Sign off on Test Scope Document	0 days	Wed 17/07/13	Wed 17/07/13	657												
660	0%	Identify User Group	1 day	Fri 12/07/13	Fri 12/07/13	656SS												
661	0%	Test Execution	20 days	Mon 22/07/13	Fri 16/08/13													
662	0%	Execute Tests(include business process testing)	20 days	Mon 22/07/13	Fri 16/08/13	655												
663	0%	Test Execution Reporting	20 days	Mon 22/07/13	Fri 16/08/13	662SS												
664	0%	User Acceptance sign off	0 days	Fri 16/08/13	Fri 16/08/13	662FF												
665	0%	Exit	5 days	Mon 19/08/13	Fri 23/08/13													
666	0%	Review Results	1 day	Mon 19/08/13	Mon 19/08/13	661												
667	0%	Assigned all defects	2 days	Tue 20/08/13	Wed 21/08/13	666												
668	0%	Determine workaround if required	4 days	Tue 20/08/13	Fri 23/08/13	667SS												
669	0%	Generate Summary Report	2 days	Tue 20/08/13	Wed 21/08/13	667SS												
670	0%	Archive test data	1 day	Wed 21/08/13	Wed 21/08/13	669FF												
671	0%	Test Cycle 4 Complete	0 days	Wed 21/08/13	Wed 21/08/13	670												
672	0%	Cutover	25 days	Thu 01/08/13	Mon 02/09/13													
673	0%	Cutover Preparation	4 days	Mon 26/08/13	Thu 29/08/13													
674	0%	Review Cutover Schedule	1 day	Mon 26/08/13	Mon 26/08/13	654												
675	0%	Hold "Go Live" Walkthrough Meeting	3 days	Tue 27/08/13	Thu 29/08/13	674												



ID	% Complete	Task Name	Duration	Start	Finish	Predecessors	2012					2013				2014		
							Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
676	0%	Production Environment Preparation	20 days	Thu 01/08/13	Wed 28/08/13													
677	0%	Data Conversion	20 days	Thu 01/08/13	Wed 28/08/13													
678	0%	CRIS to Cogsdale Conversion	10 days	Thu 01/08/13	Wed 14/08/13													
679	0%	IT set up hardware and apply application	10 days	Thu 01/08/13	Wed 14/08/13	697FS-5 wks												
680	0%	Prep Great Plains(Cogsdale)	10 days	Thu 01/08/13	Wed 14/08/13	679SS												
681	0%	Apply last pristine configuration	10 days	Thu 01/08/13	Wed 14/08/13	679SS												
682	0%	Execute conversion	10 days	Thu 01/08/13	Wed 14/08/13	679SS												
683	0%	Metrotec to MV90 Conversion	20 days	Thu 01/08/13	Wed 28/08/13													
684	0%	Data Extract Delivered	10 days	Thu 01/08/13	Wed 14/08/13	678SS												
685	0%	Execute Conversion	10 days	Thu 15/08/13	Wed 28/08/13	684												
686	0%	System Configuration	10 days	Thu 01/08/13	Wed 14/08/13													
687	0%	Configure middleware/integration endpoints	10 days	Thu 01/08/13	Wed 14/08/13	679SS												
688	0%	Apply Cogsdale Security for end users	10 days	Thu 01/08/13	Wed 14/08/13	679SS												
689	0%	Configure Business Objects server	3 days	Thu 01/08/13	Mon 05/08/13	679SS												
690	0%	Promote systems	5 days	Thu 15/08/13	Wed 21/08/13													
691	0%	Promote Bill Print/Customer Payment	5 days	Thu 15/08/13	Wed 21/08/13	686												
692	0%	Promote IVR/Telecom	5 days	Thu 15/08/13	Wed 21/08/13	691SS												
693	0%	Promote business objects code	5 days	Thu 15/08/13	Wed 21/08/13	691SS												
694	0%	Promote Cogsdale code	5 days	Thu 15/08/13	Wed 21/08/13	691SS												
695	0%	Promote other Third party systems - TBD	5 days	Thu 15/08/13	Wed 21/08/13	691SS												
696	0%	Promote middleware/integration endpoints to live system	5 days	Thu 15/08/13	Wed 21/08/13	691SS												
697	0%	Cutover -"Go Live"	4 days	Fri 30/08/13	Mon 02/09/13													
698	0%	Execute cutover activities	4 days	Fri 30/08/13	Mon 02/09/13	673												
699	0%	Legacy Environment Shut Down	1 day	Mon 02/09/13	Mon 02/09/13	698FF												
700	0%	Post Go Live -Incident and Issue Management	20 days	Tue 03/09/13	Mon 30/09/13													
701	0%	Develop issue management strategy	10 days	Tue 03/09/13	Mon 16/09/13	672												
702	0%	Develop pre/post go live IT and application support staff require	10 days	Tue 17/09/13	Mon 30/09/13	701												
703	0%	Gas Project Closure	7 days	Tue 03/09/13	Wed 11/09/13													
704	0%	Create and Issue final status report	1 day	Tue 03/09/13	Tue 03/09/13	672												
705	0%	Document Lesson Learned	5 days	Tue 03/09/13	Mon 09/09/13	672												
706	0%	Archive Project Documents	2 days	Tue 10/09/13	Wed 11/09/13	705												
707	7%	Electric	636 days?	Tue 03/01/12	Fri 06/06/14													
708	5%	Customer Information System (Cogsdale)	427 days	Thu 06/09/12	Fri 25/04/14													
709	0%	Business Readiness	335 days	Mon 14/01/13	Fri 25/04/14													
710	0%	Business Process design	35 days	Mon 14/01/13	Fri 01/03/13													
711	0%	Design and Document processes and business rules	30 days	Mon 14/01/13	Fri 22/02/13	134FF												
712	0%	Obtain stakeholder sign off process changes	5 days	Mon 25/02/13	Fri 01/03/13	711												
713	0%	Change impact Analysis	85 days	Mon 04/03/13	Fri 28/06/13													
714	0%	Develop Inventory of all Change impacts for all business	30 days	Mon 04/03/13	Fri 12/04/13	710												
715	0%	Conduct task analysis for each end user group	30 days	Mon 15/04/13	Fri 24/05/13	714												

Project: National Grid -Meter to C
Date: Wed 30/01/13

Task

Milestone

Project Summary

External Milestone

Critical

Progress

Split

Summary

External Tasks

Deadline

Critical Split

ID	% Complete	Task Name	Duration	Start	Finish	Predecessors	2012					2013				2014		
							Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
716	0%	Forecast go- live impacts of conversion and post conversi	10 days	Mon 27/05/13	Fri 07/06/13	715												
717	0%	Communicate Impacts to Stakeholders & Target Groups	10 days	Mon 10/06/13	Fri 21/06/13	716												
718	0%	Obtain Stakeholder sign off	5 days	Mon 24/06/13	Fri 28/06/13	717												
719	0%	End user Training	87 days	Tue 24/12/13	Fri 25/04/14													
720	0%	Training strategy	8 days	Tue 24/12/13	Mon 06/01/14													
721	0%	Develop Training Strategy	5 days	Tue 24/12/13	Wed 01/01/14	1128SS												
722	0%	Determine Training environment	1 day	Thu 02/01/14	Thu 02/01/14	721												
723	0%	Obtain stakeholder sign off	2 days	Fri 03/01/14	Mon 06/01/14	722												
724	0%	Develop Training Material	29 days	Tue 07/01/14	Fri 14/02/14													
725	0%	Create Training Development Schedule	2 days	Tue 07/01/14	Wed 08/01/14	723												
726	0%	Training schedule approval by stakeholders	2 days	Thu 09/01/14	Fri 10/01/14	725												
727	0%	Update Cogsdale's training Material	5 wks	Mon 13/01/14	Fri 14/02/14	726												
728	0%	Deliver Training Material	25 days	Mon 24/03/14	Fri 25/04/14													
729	0%	Prepare Training Environment	10 days	Mon 24/03/14	Fri 04/04/14	1221FS-8 wk												
730	0%	Create training delivery schedule	5 days	Mon 07/04/14	Fri 11/04/14	729												
731	0%	Deliver New CIS Training	10 days	Mon 14/04/14	Fri 25/04/14	730												
732	0%	Cutover Planning	56 days	Wed 02/10/13	Wed 18/12/13													
733	0%	Cutover planning kick off meeting	1 day	Wed 02/10/13	Wed 02/10/13	1102SS												
734	0%	Cutover Planning	30 days	Thu 03/10/13	Wed 13/11/13	733												
735	0%	Build cutover checklist	10 days	Thu 14/11/13	Wed 27/11/13	734												
736	0%	Review and Revise cutover checklist	10 days	Thu 28/11/13	Wed 11/12/13	735												
737	0%	Create cutover schedule	5 days	Thu 12/12/13	Wed 18/12/13	736												
738	0%	Go Live and Readiness Tracking	27 days	Thu 19/12/13	Tue 28/01/14													
739	0%	Develop draft readiness and metrics and performance tar	10 days	Thu 19/12/13	Fri 03/01/14	737												
740	0%	Review metrics and targets with key stakeholders	10 days	Mon 06/01/14	Fri 17/01/14	739												
741	0%	Gain Signoff of readiness metrics	5 days	Mon 20/01/14	Fri 24/01/14	740												
742	0%	Hold readiness meetings with stakeholders	1 day	Mon 27/01/14	Mon 27/01/14	741												
743	0%	Present Readiness status for Go-No Go decision	1 day	Tue 28/01/14	Tue 28/01/14	742												
744	0%	Communication Plan	30 days	Fri 20/12/13	Mon 03/02/14													
745	0%	Create Communication Plan	20 days	Fri 20/12/13	Mon 20/01/14	1262FS-5 mo												
746	0%	Communication Plan Sign off	5 days	Tue 21/01/14	Mon 27/01/14	745												
747	0%	Determine End User Communications	5 days	Tue 28/01/14	Mon 03/02/14	746												
748	27%	Requirements	345 days	Thu 06/09/12	Wed 01/01/14													
749	27%	Application and Functionality	345 days	Thu 06/09/12	Wed 01/01/14													
750	67%	Cogsdale Detailed Walkthrough Through Document (DV	121 days	Thu 06/09/12	Thu 21/02/13													
751	100%	Develop DWT Report	60 days	Thu 06/09/12	Wed 28/11/12													
752	0%	Review DWT Report	15 days	Fri 11/01/13	Thu 31/01/13													
753	0%	Revise DWT Report	10 days	Fri 01/02/13	Thu 14/02/13	752												
754	0%	Sign off DWT Report	5 days	Fri 15/02/13	Thu 21/02/13	753												
755	0%	Reports	30 days	Fri 22/02/13	Thu 04/04/13													

Project: National Grid -Meter to C
Date: Wed 30/01/13

Task

Split

Milestone

Summary

Project Summary

External Tasks

External Milestone

Deadline

Critical

Critical Split

Progress

ID	% Complete	Task Name	Duration	Start	Finish	Predecessors	2012					2013				2014		
							Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
756	0%	Report Specifications Workshops	5 days	Fri 22/02/13	Thu 28/02/13	750												
757	0%	Report specification document	10 days	Fri 01/03/13	Thu 14/03/13	756												
758	0%	Review Report specification document	5 days	Fri 15/03/13	Thu 21/03/13	757												
759	0%	Sign off on report specifications document	10 days	Fri 22/03/13	Thu 04/04/13	758												
760	0%	Interfaces Requirement Session	25 days	Tue 17/09/13	Mon 21/10/13													
761	0%	Outage Management System (OMS)	25 days	Tue 17/09/13	Mon 21/10/13	697FS+10 d												
762	0%	Meter Data Management/Settlement	25 days	Tue 17/09/13	Mon 21/10/13	697FS+10 d												
763	0%	Interface Requirements Report	50 days	Tue 22/10/13	Wed 01/01/14													
764	0%	Produce Interface Requirements Report	20 days	Tue 22/10/13	Mon 18/11/13	760												
765	0%	Review Interface Report	20 days	Tue 19/11/13	Mon 16/12/13	764												
766	0%	Revise Interface Report	10 days	Tue 17/12/13	Wed 01/01/14	765												
767	0%	Sign off Interface Report	0 days	Wed 01/01/14	Wed 01/01/14	766												
768	0%	Data Conversion	70 days	Mon 18/02/13	Fri 24/05/13													
769	0%	Cogsdale - Data Conversion	32 days	Mon 18/02/13	Tue 02/04/13													
770	0%	Conduct Data mapping planning meetings	2 days	Mon 18/02/13	Tue 19/02/13	564SS												
771	0%	Review NG application listing (determine data sources)	30 days	Wed 20/02/13	Tue 02/04/13	770												
772	0%	Cogsdale - Data Conversion Plan	27 days	Wed 03/04/13	Thu 09/05/13													
773	0%	Data Mapping Sessions - Week 1	5 days	Wed 03/04/13	Tue 09/04/13	771												
774	0%	Data Mapping Sessions - Week 2	5 days	Wed 10/04/13	Tue 16/04/13	773												
775	0%	Produce Data Conversion Plan document	10 days	Wed 17/04/13	Tue 30/04/13	774												
776	0%	Review Data Conversion Plan document	5 days	Wed 01/05/13	Tue 07/05/13	775												
777	0%	Revise Data Conversion Report	2 days	Wed 08/05/13	Thu 09/05/13	776												
778	0%	Sign off Data Conversion Report	0 days	Thu 09/05/13	Thu 09/05/13	777												
779	0%	Other Systems - Data Extraction	70 days	Mon 18/02/13	Fri 24/05/13													
780	0%	Determine if there are Data conversion Requirements for	10 days	Mon 18/02/13	Fri 01/03/13	770SS												
781	0%	Data Mapping /Report extract Sessions	30 days	Mon 04/03/13	Fri 12/04/13	780												
782	0%	Documentation	30 days	Mon 15/04/13	Fri 24/05/13	781												
783	0%	Design and Configuration	199 days	Fri 22/02/13	Mon 25/11/13													
784	0%	Configuration	21 days	Thu 22/08/13	Tue 17/09/13													
785	0%	Configure CIS - Electricity (specific items)	10 days	Thu 22/08/13	Mon 02/09/13	697FS-10 da												
786	0%	Configuration walkthrough with Project team	10 days	Tue 03/09/13	Mon 16/09/13	785												
787	0%	Configuration Sign off	1 day	Tue 17/09/13	Tue 17/09/13	786												
788	0%	Security	5 days	Tue 03/09/13	Mon 09/09/13													
789	0%	Define security set up	5 days	Tue 03/09/13	Mon 09/09/13	786SS												
790	0%	Data Conversion	199 days	Fri 22/02/13	Mon 25/11/13													
791	0%	Development	43 days	Fri 10/05/13	Tue 09/07/13													
792	0%	Develop Data Definition Guide	5 days	Fri 10/05/13	Thu 16/05/13	772												
793	0%	Build Extract files	5 days	Fri 17/05/13	Thu 23/05/13	792												
794	0%	Build Transformation scripts - (Customer, Account, Premise, Service , Meter)	20 days	Fri 24/05/13	Thu 20/06/13	793												

Project: National Grid -Meter to C Date: Wed 30/01/13	Task		Milestone	◆	Project Summary		External Milestone	◆	Critical		Progress	
	Split	Summary	▬	External Tasks		Deadline	↓	Critical Split		

ID	% Complete	Task Name	Duration	Start	Finish	Predecessors	2012					2013				2014		
							Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
795	0%	Build Transformation scripts - (all other entities)	10 days	Fri 21/06/13	Thu 04/07/13	794												
796	0%	Build Import File Layout	8 days	Fri 21/06/13	Tue 02/07/13	795SS												
797	0%	Build Control Totals(Record counts)	5 days	Wed 03/07/13	Tue 09/07/13	796												
798	0%	Interfaces	15 days	Tue 05/11/13	Mon 25/11/13													
799	0%	Wennsoft - Service Orders	15 days	Tue 05/11/13	Mon 25/11/13	114FS-4 m												
800	0%	Non Interval meter Reading - ITRON FS	15 days	Tue 05/11/13	Mon 25/11/13	799SS												
801	0%	Interval meter data - MV90	15 days	Tue 05/11/13	Mon 25/11/13	799SS												
802	0%	Meter Data Management	15 days	Tue 05/11/13	Mon 25/11/13	799SS												
803	0%	General Ledger	15 days	Tue 05/11/13	Mon 25/11/13	799SS												
804	0%	GASTAR	15 days	Tue 05/11/13	Mon 25/11/13	799SS												
805	0%	Payments (Lockbox and EFT)	15 days	Tue 05/11/13	Mon 25/11/13	799SS												
806	0%	Credit, Collection interfaces (Collection Agency, Dialer)	15 days	Tue 05/11/13	Mon 25/11/13	799SS												
807	0%	Bill Print	15 days	Tue 05/11/13	Mon 25/11/13	799SS												
808	0%	IVR Self Service	15 days	Tue 05/11/13	Mon 25/11/13	799SS												
809	0%	GIS, OMS	15 days	Tue 05/11/13	Mon 25/11/13	799SS												
810	0%	Web Self Service	15 days	Tue 05/11/13	Mon 25/11/13	799SS												
811	0%	Customer Choice - Internal to Cogsdale	15 days	Tue 05/11/13	Mon 25/11/13	799SS												
812	0%	Energy Assistance	15 days	Tue 05/11/13	Mon 25/11/13	799SS												
813	0%	Cogsdale Modifications	147 days	Fri 22/02/13	Thu 12/09/13													
814	0%	Modifications Build	100 days	Fri 22/02/13	Thu 11/07/13													
815	0%	Develop Code	100 days	Fri 22/02/13	Thu 11/07/13	750												
816	0%	Deliver Code	0 days	Thu 11/07/13	Thu 11/07/13	815												
817	0%	Customer Choice Build	120 days	Tue 02/04/13	Thu 12/09/13													
818	0%	Develop Code	120 days	Tue 02/04/13	Thu 12/09/13													
819	0%	Deliver Code	0 days	Thu 12/09/13	Thu 12/09/13	818												
820	0%	Reports	70 days	Fri 05/04/13	Thu 11/07/13													
821	0%	Develop/Configure Smart Lists	70 days	Fri 05/04/13	Thu 11/07/13	755												
822	0%	Develop SQL , Crystal reports	70 days	Fri 05/04/13	Thu 11/07/13	821SS												
823	0%	Deliver Code	0 days	Thu 11/07/13	Thu 11/07/13	822												
824	0%	Contact Centre	88 days	Mon 27/01/14	Mon 26/05/14													
825	0%	Salem	88 days	Mon 27/01/14	Mon 26/05/14													
826	0%	Agent Workstations	65 days	Mon 27/01/14	Fri 25/04/14													
827	0%	Call Management Queue	65 days	Mon 27/01/14	Fri 25/04/14													
828	0%	Cutover	1 day	Mon 26/05/14	Mon 26/05/14													
829	0%	Lebanon	88 days	Mon 27/01/14	Mon 26/05/14													
830	0%	Agent Workstations	65 days	Mon 27/01/14	Fri 25/04/14													
831	0%	Call Management Queue	65 days	Mon 27/01/14	Fri 25/04/14													
832	0%	Cutover	1 day	Mon 26/05/14	Mon 26/05/14													
833	0%	IVR - Telecom	93 days	Tue 24/12/13	Mon 05/05/14													
834	0%	Design & Configuration	49 days	Tue 24/12/13	Tue 04/03/14													

Project: National Grid -Meter to C
Date: Wed 30/01/13

Task

Milestone

Summary

Project Summary

External Tasks

External Milestone

Deadline

Critical

Critical Split

Progress

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ID	% Complete	Task Name	Duration	Start	Finish	Predecessors	2012					2013				2014		
							Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
835	0%	Delivery of Server with Software installed	2 days	Tue 24/12/13	Fri 27/12/13	1128SS												
836	0%	Configure Telephone System's call flow through process	2 days	Mon 30/12/13	Tue 31/12/13													
837	0%	Configure trunking	2 days	Mon 30/12/13	Tue 31/12/13	835												
838	0%	Configure IVR System	12 days	Mon 17/02/14	Tue 04/03/14													
839	0%	Configure All Required Features	3 days	Mon 17/02/14	Wed 19/02/14													
840	0%	Configure call flows	3 days	Thu 20/02/14	Mon 24/02/14	839												
841	0%	Configure Administrator and User Accounts	1 day	Tue 25/02/14	Tue 25/02/14	840												
842	0%	Set up PayPal account and payment handling	2 days	Wed 26/02/14	Thu 27/02/14	841												
843	0%	Configure Reports and Design Layouts	1 day	Fri 28/02/14	Fri 28/02/14	842												
844	0%	Review full Configuration for Accounts and Call flow	2 days	Mon 03/03/14	Tue 04/03/14	843												
845	0%	Test Preparation	44 days	Thu 27/02/14	Tue 29/04/14													
846	0%	Test Plan - Test Cycle 3 & 4	7 days	Thu 27/02/14	Fri 07/03/14													
847	0%	Define Test Scope	1 day	Thu 27/02/14	Thu 27/02/14	1145												
848	0%	Develop Testing/Scenario Scripts	4 days	Fri 28/02/14	Wed 05/03/14	847												
849	0%	Sign off on Test Plan	2 days	Thu 06/03/14	Fri 07/03/14	848												
850	0%	Test Plan - UAT	11 days	Tue 15/04/14	Tue 29/04/14													
851	0%	Update Test Scope	1 day	Tue 15/04/14	Tue 15/04/14	1222SS												
852	0%	Update Testing/Scenario Scripts	2 days	Wed 16/04/14	Thu 17/04/14	851												
853	0%	Review Test Plan	2 days	Fri 18/04/14	Mon 21/04/14	852												
854	0%	Sign off on Test Plan	6 days	Tue 22/04/14	Tue 29/04/14	853												
855	0%	Business Readiness	93 days	Tue 24/12/13	Mon 05/05/14													
856	0%	Cutover Planning	7 days	Tue 24/12/13	Fri 03/01/14													
857	0%	Cutover planning kick off meeting	1 day	Tue 24/12/13	Tue 24/12/13	1128SS												
858	0%	Build cutover checklist	2 days	Fri 27/12/13	Mon 30/12/13	857												
859	0%	Review and Revise cutover checklist	2 days	Tue 31/12/13	Wed 01/01/14	858												
860	0%	Create cutover schedule	2 days	Thu 02/01/14	Fri 03/01/14	859												
861	0%	Training	85 days	Tue 07/01/14	Mon 05/05/14													
862	0%	Update Training documents	2 days	Tue 07/01/14	Wed 08/01/14	724SS												
863	0%	Schedule training sessions	1 day	Mon 28/04/14	Mon 28/04/14	728												
864	0%	Deliver training	5 days	Tue 29/04/14	Mon 05/05/14	863												
865	0%	Bill Print Customer Payment (Fiserv)	152 days	Wed 02/10/13	Mon 05/05/14													
866	0%	Define Configuration of the options	10 days	Tue 24/12/13	Wed 08/01/14	1128SS												
867	0%	Configure web page	3 days	Thu 09/01/14	Mon 13/01/14	866												
868	0%	Set up merchant account for credit card	3 days	Tue 14/01/14	Thu 16/01/14	867												
869	0%	Test Preparation	84 days	Tue 24/12/13	Tue 22/04/14													
870	0%	Test Plan - Test Cycle 3 & 4	7 days	Tue 24/12/13	Fri 03/01/14													
871	0%	Define Test Scope	1 day	Tue 24/12/13	Tue 24/12/13	1128SS												
872	0%	Develop Testing/Scenario Scripts	4 days	Fri 27/12/13	Wed 01/01/14	871												
873	0%	Sign off on Test Plan	2 days	Thu 02/01/14	Fri 03/01/14	872												
874	0%	Test Plan - UAT	6 days	Tue 15/04/14	Tue 22/04/14													

Project: National Grid -Meter to C
Date: Wed 30/01/13

Task

Milestone

Split

Project Summary

External Tasks

External Milestone

Deadline

Critical

Critical Split

Progress

ID	% Complete	Task Name	Duration	Start	Finish	Predecessors	2012					2013				2014		
							Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
875	0%	Update Test Scope	1 day	Tue 15/04/14	Tue 15/04/14	1221SS												
876	0%	Update Testing/Scenario Scripts	2 days	Wed 16/04/14	Thu 17/04/14	875												
877	0%	Review Test Plan	2 days	Fri 18/04/14	Mon 21/04/14	876												
878	0%	Sign off on Test Plan	1 day	Tue 22/04/14	Tue 22/04/14	877												
879	0%	Business Readiness	152 days	Wed 02/10/13	Mon 05/05/14													
880	0%	Cutover Planning	20 days	Wed 02/10/13	Tue 29/10/13													
881	0%	Cutover planning kick off meeting	1 day	Wed 02/10/13	Wed 02/10/13	732SS												
882	0%	Build cutover checklist	7 days	Thu 03/10/13	Fri 11/10/13	881												
883	0%	Review and Revise cutover checklist	7 days	Mon 14/10/13	Tue 22/10/13	882												
884	0%	Create cutover schedule	5 days	Wed 23/10/13	Tue 29/10/13	883												
885	0%	Training	85 days	Tue 07/01/14	Mon 05/05/14													
886	0%	Update Training documents	3 days	Tue 07/01/14	Thu 09/01/14	724SS												
887	0%	Schedule training sessions	1 day	Mon 28/04/14	Mon 28/04/14	863SS												
888	0%	Deliver training	5 days	Tue 29/04/14	Mon 05/05/14	887												
889	40%	Non Interval Meter Reading Implementation (Itron FCS)	479 days	Mon 25/06/12	Thu 24/04/14													
890	100%	Project Initiation	14 days	Mon 25/06/12	Thu 12/07/12													
891	100%	Assemble project team	6 days	Mon 25/06/12	Mon 02/07/12													
892	100%	Define roles and responsibilities	2 days	Tue 03/07/12	Wed 04/07/12													
893	100%	Review roles and Responsibilities with team members	3 days	Thu 05/07/12	Mon 09/07/12													
894	100%	Kick Off Meeting	1 day	Tue 10/07/12	Tue 10/07/12													
895	100%	Review Strategy Document	2 days	Wed 11/07/12	Thu 12/07/12													
896	100%	Discovery	11 days	Fri 13/07/12	Fri 27/07/12													
897	100%	Current hardware discussions	2 days	Fri 13/07/12	Mon 16/07/12													
898	100%	Business Process mapping	2 days	Tue 17/07/12	Wed 18/07/12													
899	100%	Draft Discovery documents with network diagram	2 days	Thu 19/07/12	Fri 20/07/12													
900	100%	Review documents and Diagram	2 days	Mon 23/07/12	Tue 24/07/12													
901	100%	Perform changes to discovery document	2 days	Wed 25/07/12	Thu 26/07/12													
902	100%	Sign off on Discovery diagram	1 day	Fri 27/07/12	Fri 27/07/12													
903	100%	Business Case	18 days	Wed 29/08/12	Fri 21/09/12													
904	100%	Business Case Creation	6 days	Wed 29/08/12	Wed 05/09/12													
905	100%	Business Case review	3 days	Thu 06/09/12	Mon 10/09/12													
906	100%	Business case updates	4 days	Tue 11/09/12	Fri 14/09/12													
907	100%	Business case sign off	5 days	Mon 17/09/12	Fri 21/09/12													
908	38%	Requirements	151 days	Fri 13/07/12	Fri 08/02/13													
909	100%	Initial meeting discussion to discuss requirements	4 days	Fri 13/07/12	Wed 18/07/12													
910	100%	Develop draft project Requirements documents	3 days	Thu 19/07/12	Mon 23/07/12													
911	100%	Project requirement review meeting	2 days	Tue 24/07/12	Wed 25/07/12													
912	100%	Project Requirement revisions	2 days	Thu 26/07/12	Fri 27/07/12													
913	100%	Sign off on project requirement	1 day	Mon 30/07/12	Mon 30/07/12													
914	46%	Project Statement of Work	114 days	Tue 31/07/12	Fri 04/01/13													

Project: National Grid -Meter to C
Date: Wed 30/01/13

Task  Milestone 
Split Summary 

Project Summary  External Milestone 
External Tasks  Deadline 

Critical  Progress 
Critical Split

ID	% Complete	Task Name	Duration	Start	Finish	Predecessors	2012					2013				2014		
							Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
915	100%	Itron Compilation of SOW Document	6 days	Tue 31/07/12	Tue 07/08/12													
916	100%	Delivery of Draft SOW Document	6 days	Wed 08/08/12	Wed 15/08/12													
917	50%	Interval SOW Document Review Meeting	10 days	Mon 03/12/12	Fri 14/12/12													
918	0%	Itron Inclusion of SOW Revisions	12 days	Mon 17/12/12	Tue 01/01/13	917												
919	0%	Liberty Acceptance of SOW Revisions	3 days	Wed 02/01/13	Fri 04/01/13	918												
920	8%	IT infrastructure and Analysis	86 days	Fri 28/09/12	Fri 25/01/13													
921	0%	Create Purchase Order for Itron Software	3 days	Mon 07/01/13	Wed 09/01/13	914												
922	100%	Define data interface (MVRS, P4, XML)	1 day	Fri 28/12/12	Fri 28/12/12	921												
923	50%	Finalize and acquire Database license	2 days	Fri 28/09/12	Mon 31/12/12	922												
924	0%	Finalize areas of responsibilities	2 days	Tue 01/01/13	Wed 02/01/13	923												
925	0%	Review Itron Project Plan	2 days	Thu 03/01/13	Fri 04/01/13	924												
926	0%	Finalize Itron Project Plan	2 days	Mon 07/01/13	Tue 08/01/13	925												
927	0%	Sign off on Project Plan	0 days	Tue 08/01/13	Tue 08/01/13	926												
928	0%	Review hardware and database requirements	2 days	Wed 09/01/13	Thu 10/01/13	927												
929	0%	Purchase Hardware (Computers and other peripherals)	6 days	Fri 11/01/13	Fri 18/01/13	928												
930	0%	Provide training material on handhelds, desktop and serv	1 day	Mon 21/01/13	Mon 21/01/13	929												
931	0%	Create parallel testing plan in conjunction with Itron	4 days	Tue 22/01/13	Fri 25/01/13	930												
932	9%	Integration Requirements	76 days	Fri 26/10/12	Fri 08/02/13													
933	33%	Create Cogsdale data interface requirements	3 days	Fri 26/10/12	Tue 29/01/13	920												
934	0%	Review Integration requirements with Business	4 days	Wed 30/01/13	Mon 04/02/13	933												
935	0%	Create data interface requirements from Gastar to MV9C	2 days	Tue 05/02/13	Wed 06/02/13	934												
936	0%	Review Integration requirements with Business	2 days	Thu 07/02/13	Fri 08/02/13	935												
937	0%	Design & Configuration	86 days	Tue 24/12/13	Thu 24/04/14													
938	0%	Hardware and Software installation	11 days	Tue 24/12/13	Thu 09/01/14													
939	0%	Install Database\Application server	3 days	Tue 24/12/13	Mon 30/12/13	1102												
940	0%	Install communication server	4 days	Tue 31/12/13	Fri 03/01/14	939												
941	0%	Install FCS on the application server	2 days	Mon 06/01/14	Tue 07/01/14	940												
942	0%	Configuration of Databases and Servers	2 days	Wed 08/01/14	Thu 09/01/14	941												
943	0%	Build Integration	15 days	Fri 10/01/14	Thu 30/01/14													
944	0%	Build Integration with Cogsdale	10 days	Fri 10/01/14	Thu 23/01/14	942												
945	0%	Test Integration with Cogsdale - Unit Test	5 days	Fri 24/01/14	Thu 30/01/14	944												
946	0%	Set up	8 days	Fri 10/01/14	Tue 21/01/14													
947	0%	Install FCS on client computer	1 day	Fri 10/01/14	Fri 10/01/14	938												
948	0%	Install software for FCS handhelds	1 day	Mon 13/01/14	Mon 13/01/14	947												
949	0%	Configure Handhelds	1 day	Tue 14/01/14	Tue 14/01/14	948												
950	0%	Configure FCS application	2 days	Wed 15/01/14	Thu 16/01/14	949												
951	0%	Set up ODBC connection	1 day	Fri 17/01/14	Fri 17/01/14	950												
952	0%	Validation of set up	2 days	Mon 20/01/14	Tue 21/01/14													
953	0%	Validate remote read meters using all the differ	2 days	Mon 20/01/14	Tue 21/01/14	951												
954	0%	Validate meter probe	2 days	Mon 20/01/14	Tue 21/01/14	953SS												

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Task

Milestone

◆

Project Summary

External Milestone

◆

Critical

Progress

Split

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Summary

◆

External Tasks

Deadline

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Critical Split

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ID	% Complete	Task Name	Duration	Start	Finish	Predecessors	2012					2013				2014		
							Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
955	0%	Validate upload and download of data	2 days	Mon 20/01/14	Tue 21/01/14	954SS												
956	0%	Training	8 days	Tue 15/04/14	Thu 24/04/14													
957	0%	Train meter readers on using handhelds	2 days	Tue 15/04/14	Wed 16/04/14	1221SS												
958	0%	Train meter reader leads on daily operation for meter reader (train the trainer)	2 days	Thu 17/04/14	Fri 18/04/14	957												
959	0%	Train meter data specialist on daily operation of FCS Desktop	2 days	Mon 21/04/14	Tue 22/04/14	958												
960	0%	Train Administrator on daily operations of or FCS Server	2 days	Wed 23/04/14	Thu 24/04/14	959												
961	0%	Quality Assurance	84 days	Tue 24/12/13	Tue 22/04/14													
962	0%	Test Preparation	84 days	Tue 24/12/13	Tue 22/04/14													
963	0%	Test Plan - Test Cycle 3 & 4	7 days	Tue 24/12/13	Fri 03/01/14													
964	0%	Define Test Scope	1 day	Tue 24/12/13	Tue 24/12/13	1128SS												
965	0%	Develop Testing/Scenario Scripts	4 days	Fri 27/12/13	Wed 01/01/14	964												
966	0%	Sign off on Test Plan	2 days	Thu 02/01/14	Fri 03/01/14	965												
967	0%	Test Plan - UAT	6 days	Tue 15/04/14	Tue 22/04/14													
968	0%	Update Test Scope	1 day	Tue 15/04/14	Tue 15/04/14	1221SS												
969	0%	Update Testing/Scenario Scripts	2 days	Wed 16/04/14	Thu 17/04/14	968												
970	0%	Review Test Plan	2 days	Fri 18/04/14	Mon 21/04/14	969												
971	0%	Sign off on Test Plan	1 day	Tue 22/04/14	Tue 22/04/14	970												
972	50%	Interval Meter Reading Implementation (MV90) - Gastar	478 days	Tue 03/07/12	Thu 01/05/14													
973	100%	Project Initiation	8 days	Tue 03/07/12	Thu 12/07/12													
974	100%	Assemble project team	2 days	Tue 03/07/12	Wed 04/07/12													
975	100%	Define roles and responsibilities	3 days	Thu 05/07/12	Mon 09/07/12													
976	100%	Review roles and Responsibilities with team members	1 day	Tue 10/07/12	Tue 10/07/12													
977	100%	Kick Off Meeting	2 days	Wed 11/07/12	Thu 12/07/12													
978	100%	Review Strategy Document	2 days	Wed 11/07/12	Thu 12/07/12													
979	100%	Project Discovery (Gas)	46 days	Fri 13/07/12	Fri 14/09/12													
980	100%	Current Hardware discussions	2 days	Fri 13/07/12	Mon 16/07/12													
981	100%	Business Process mapping	2 days	Tue 17/07/12	Wed 18/07/12													
982	100%	Draft Discovery documents with network diagram	2 days	Thu 19/07/12	Fri 20/07/12													
983	100%	Review documents and Diagram	2 days	Mon 23/07/12	Tue 24/07/12													
984	100%	Perform changes to discovery document	2 days	Wed 25/07/12	Thu 26/07/12													
985	100%	Sign off on Discovery diagram	1 day	Fri 27/07/12	Fri 27/07/12													
986	100%	Test communication with the METRETEK meters using MV90	25 days	Mon 30/07/12	Fri 31/08/12													
987	100%	METRETEK communication Report	5 days	Mon 03/09/12	Fri 07/09/12													
988	100%	Next Steps Document and Strategy	5 days	Mon 10/09/12	Fri 14/09/12													
989	100%	Requirements (Gas)	10 days	Fri 13/07/12	Thu 26/07/12													
990	100%	Initial meeting discussion to discuss requirements	2 days	Fri 13/07/12	Mon 16/07/12													
991	100%	Develop draft project Requirements documents	3 days	Tue 17/07/12	Thu 19/07/12													
992	100%	Project requirement review meeting	2 days	Fri 20/07/12	Mon 23/07/12													

Project: National Grid -Meter to C
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Task  Milestone 
Split  Summary 

Project Summary  External Milestone 
External Tasks  Deadline 

Critical  Progress 
Critical Split 

ID	% Complete	Task Name	Duration	Start	Finish	Predecessors	2012					2013				2014		
							Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
993	100%	Project Requirement revisions	2 days	Tue 24/07/12	Wed 25/07/12													
994	100%	Sign off on project requirement	1 day	Thu 26/07/12	Thu 26/07/12													
995	46%	Project Statement of Work	114 days	Tue 31/07/12	Fri 04/01/13													
996	100%	Itron Compilation of SOW Document	6 days	Tue 31/07/12	Tue 07/08/12													
997	100%	Delivery of Draft SOW Document	6 days	Wed 08/08/12	Wed 15/08/12													
998	50%	Interval SOW Document Review Meeting	10 days	Mon 03/12/12	Fri 14/12/12													
999	0%	Itron Inclusion of SOW Revisions	12 days	Mon 17/12/12	Tue 01/01/13													
1000	0%	Liberty Acceptance of SOW Revisions	3 days	Wed 02/01/13	Fri 04/01/13													
1001	100%	Integration Requirements	11 days	Fri 27/07/12	Fri 10/08/12													
1002	100%	Create Cogsdale data interface requirements	3 days	Fri 27/07/12	Tue 31/07/12	989												
1003	100%	Review Integration requirements with Business	4 days	Wed 01/08/12	Mon 06/08/12	1002												
1004	100%	Create data interface requirements with Gas Star	2 days	Tue 07/08/12	Wed 08/08/12	1003												
1005	100%	Review Integration requirements with Business	2 days	Thu 09/08/12	Fri 10/08/12	1004												
1006	0%	IT infrastructure and Analysis	114 days	Thu 21/11/13	Thu 01/05/14													
1007	0%	Create Purchase Order for Itron Software	3 days	Thu 21/11/13	Tue 26/11/13	1128SF-1 m												
1008	0%	Define data interface (MDEF, LOTUS, MV9 etc.)- Billing determinants	4 days	Tue 26/11/13	Fri 29/11/13	1007												
1009	0%	Finalize and acquire Database license	2 days	Mon 02/12/13	Tue 03/12/13	1008												
1010	0%	Purchase Hardware (Computers and other peripherals)	6 days	Wed 04/12/13	Wed 11/12/13	1009												
1011	0%	Provide training material on handhelds, desktop and server	1 day	Thu 12/12/13	Thu 12/12/13	1010												
1012	0%	Design & Configuration (Gas)	111 days	Tue 26/11/13	Thu 01/05/14													
1013	0%	Hardware and Software installation	4 days	Mon 02/12/13	Thu 05/12/13													
1014	0%	Configuration MV90 on the Workstation and COMM s	2 days	Mon 02/12/13	Tue 03/12/13	1008												
1015	0%	Configuration of Databases and Servers	2 days	Wed 04/12/13	Thu 05/12/13	1009												
1016	0%	Build Integration	14 days	Fri 06/12/13	Fri 27/12/13													
1017	0%	Build Integration with Cogsdale	5 days	Fri 06/12/13	Thu 12/12/13	1015												
1018	0%	Test Integration with Cogsdale	2 days	Fri 13/12/13	Mon 16/12/13	1017												
1019	0%	Build Integration with Gas Star	5 days	Tue 17/12/13	Mon 23/12/13	1018												
1020	0%	Test integration with Gas Star	2 days	Tue 24/12/13	Fri 27/12/13	1019												
1021	0%	Installation & Configuration	1 day	Fri 06/12/13	Fri 06/12/13													
1022	0%	Install MV-90 on client computer	1 day	Fri 06/12/13	Fri 06/12/13	1015												
1023	0%	Data Conversion	12 days	Tue 26/11/13	Wed 11/12/13													
1024	0%	Initial meeting to discuss scope and time with Itron	1 day	Tue 26/11/13	Tue 26/11/13	1007												
1025	0%	Data conversion strategy draft	2 days	Wed 27/11/13	Thu 28/11/13	1024												
1026	0%	Review meeting of Strategy documents	2 days	Fri 29/11/13	Mon 02/12/13	1025												
1027	0%	Document update as per review meeting	2 days	Tue 03/12/13	Wed 04/12/13	1026												
1028	0%	Sign off on strategy documents	2 days	Thu 05/12/13	Fri 06/12/13	1027												
1029	0%	Perform Data conversion (Master Files and Data) as p	4 days	Fri 06/12/13	Wed 11/12/13	1013												
1030	0%	Validation of set up	2 days	Thu 12/12/13	Fri 13/12/13													
1031	0%	Validate remote read meters using all the different c	2 days	Thu 12/12/13	Fri 13/12/13	1023												

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Project Summary

External Tasks

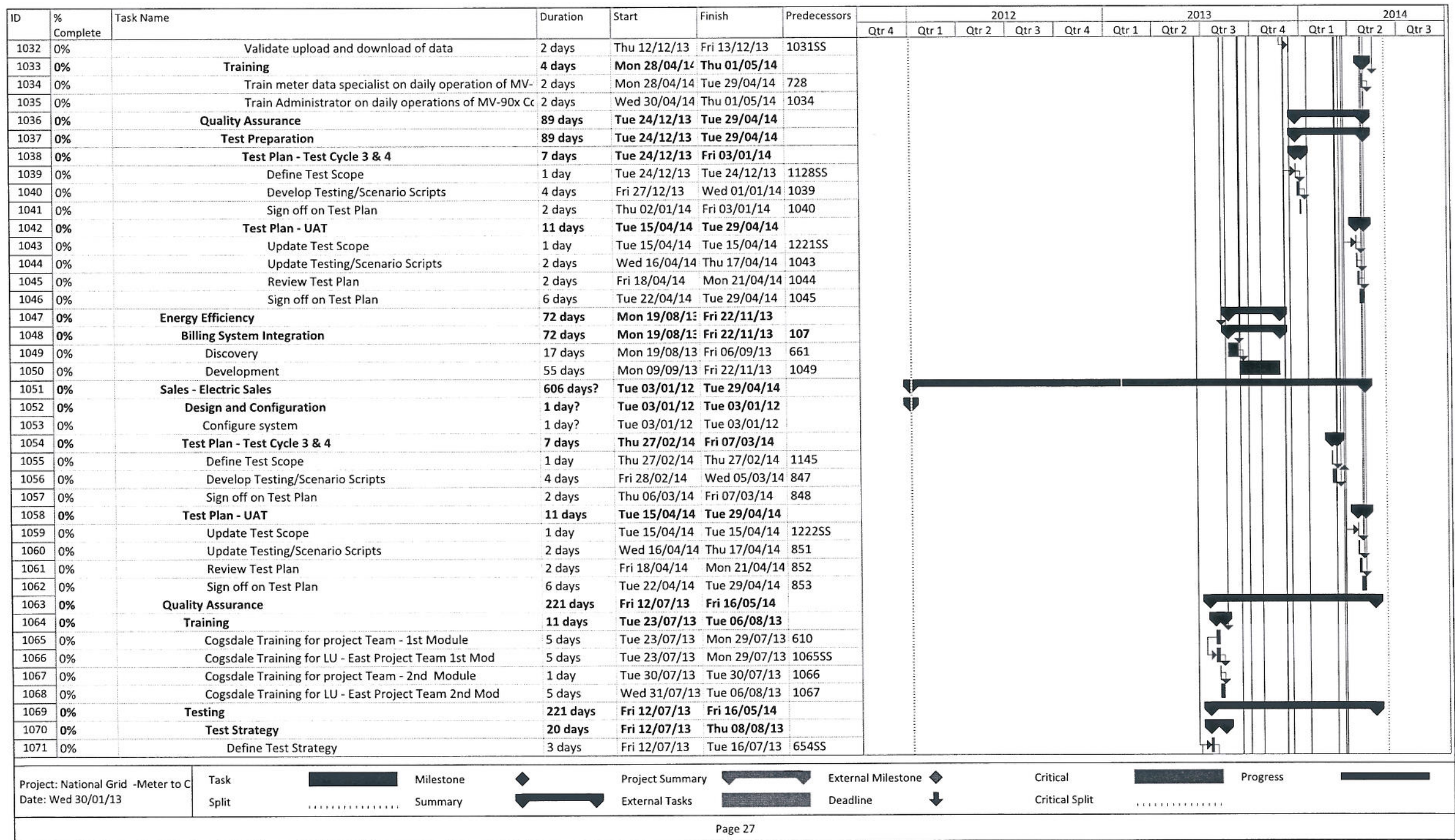
External Milestone

Deadline

Critical

Critical Split

Progress



ID	% Complete	Task Name	Duration	Start	Finish	Predecessors	2012					2013				2014		
							Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
1072	0%	Review and Revise Test Strategy	8 days	Wed 17/07/13	Fri 26/07/13	1071												
1073	0%	Sign off on Test Strategy	0 days	Fri 26/07/13	Fri 26/07/13	1072												
1074	0%	Train users on Test Management tool	1 day	Mon 29/07/13	Mon 29/07/13	1072												
1075	0%	Set up Test Management tool	10 days	Wed 17/07/13	Tue 30/07/13	1071												
1076	0%	Develop Testing/Scenario Scripts	20 days	Fri 12/07/13	Thu 08/08/13	1071SS												
1077	0%	Test Cycle 1	54 days	Fri 09/08/13	Mon 21/10/13													
1078	0%	Test Preparation	30 days	Fri 09/08/13	Tue 17/09/13													
1079	0%	Define Test Scope	1 day	Fri 09/08/13	Fri 09/08/13	1076												
1080	0%	Develop Test Scope Document	3 days	Mon 12/08/13	Wed 14/08/13	1079												
1081	0%	Develop Testing/Scenario Scripts	10 days	Thu 15/08/13	Wed 28/08/13	1080												
1082	0%	Set up Test Management tool	1 day	Thu 29/08/13	Thu 29/08/13	1081												
1083	0%	Sign off on Test Scope Document	1 day	Thu 15/08/13	Thu 15/08/13	1080												
1084	0%	Test Environment Setup	6 days	Thu 29/08/13	Tue 03/09/13													
1085	0%	Determine Test Environment code Requirement	1 day	Thu 29/08/13	Thu 29/08/13	1081												
1086	0%	Enter CIS Configuration	5 days	Thu 29/08/13	Mon 02/09/13	1085SS												
1087	0%	Add users and appropriate security	1 day	Tue 03/09/13	Tue 03/09/13	1086												
1088	0%	Data Conversion	10 days	Tue 03/09/13	Tue 17/09/13													
1089	0%	Data Extract Delivered	0 days	Tue 03/09/13	Tue 03/09/13	1087												
1090	0%	Build Data Imports	5 days	Wed 04/09/13	Tue 10/09/13	1089,697												
1091	0%	Execute Conversion	5 days	Wed 11/09/13	Tue 17/09/13	1090												
1092	0%	Test Execution	20 days	Wed 18/09/13	Tue 15/10/13													
1093	0%	Execute test cases	20 days	Wed 18/09/13	Tue 15/10/13	1091												
1094	0%	NG Data Verification and Validation	10 days	Wed 02/10/13	Tue 15/10/13	1093FF												
1095	0%	Exit	4 days	Wed 16/10/13	Mon 21/10/13													
1096	0%	Review Results	1 day	Wed 16/10/13	Wed 16/10/13	1092												
1097	0%	Assigned all defects	2 days	Wed 16/10/13	Thu 17/10/13	1096SS												
1098	0%	Determine workaround if required	4 days	Wed 16/10/13	Mon 21/10/13	1096SS												
1099	0%	Generate Summary Report	2 days	Wed 16/10/13	Thu 17/10/13	1096SS												
1100	0%	Archive test data	1 day	Thu 17/10/13	Thu 17/10/13	1099FF												
1101	0%	Test Cycle 1 Complete	0 days	Thu 17/10/13	Thu 17/10/13	1099												
1102	0%	Test Cycle 2	59 days	Wed 02/10/13	Mon 23/12/13													
1103	0%	Test Preparation	19 days	Wed 02/10/13	Mon 28/10/13													
1104	0%	Define Test Scope	2 days	Tue 15/10/13	Wed 16/10/13	1077FS-5 da												
1105	0%	Develop Test Scope Document	2 days	Thu 17/10/13	Fri 18/10/13	1104												
1106	0%	Develop Testing/Scenario Scripts	10 days	Tue 15/10/13	Mon 28/10/13	1104SS												
1107	0%	Set up Test Management tool	1 day	Tue 15/10/13	Tue 15/10/13	1104SS												
1108	0%	Sign off on Test Scope Document	0 days	Fri 18/10/13	Fri 18/10/13	1105												
1109	0%	Test Environment Setup	6 days	Mon 07/10/13	Mon 14/10/13													
1110	0%	Determine Test Environment code Requirement	1 day	Mon 07/10/13	Mon 07/10/13	1111SS												
1111	0%	Enter CIS Configuration	5 days	Mon 07/10/13	Fri 11/10/13	1117SS-10 d												

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Milestone

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Progress

ID	% Complete	Task Name	Duration	Start	Finish	Predecessors	2012					2013				2014		
							Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
1112	0%	Add users and appropriate security	1 day	Mon 14/10/13	Mon 14/10/13	1111												
1113	0%	Data Conversion	13 days	Wed 02/10/13	Fri 18/10/13													
1114	0%	Data Extract Delivered	3 days	Wed 02/10/13	Fri 04/10/13	1092FS-10 d												
1115	0%	Build Data Imports	5 days	Mon 07/10/13	Fri 11/10/13	1114												
1116	0%	Execute Conversion	5 days	Mon 14/10/13	Fri 18/10/13	1115												
1117	0%	Test Execution	40 days	Mon 21/10/13	Fri 13/12/13													
1118	0%	Conduct Regression Testing	15 days	Mon 21/10/13	Fri 08/11/13	1116												
1119	0%	Execute test cases	25 days	Mon 11/11/13	Fri 13/12/13	1118												
1120	0%	NG Data Verification and Validation	10 days	Mon 02/12/13	Fri 13/12/13	1119FS-10 d												
1121	0%	Exit	6 days	Mon 16/12/13	Mon 23/12/13													
1122	0%	Review Results	1 day	Mon 16/12/13	Mon 16/12/13	1117												
1123	0%	Assigned all defects	2 days	Mon 16/12/13	Tue 17/12/13	1122SS												
1124	0%	Determine workaround if required	4 days	Wed 18/12/13	Mon 23/12/13	1123												
1125	0%	Generate Summary Report	2 days	Tue 17/12/13	Wed 18/12/13	1122												
1126	0%	Archive test data	1 day	Thu 19/12/13	Thu 19/12/13	1125												
1127	0%	Test Cycle 2 Complete	0 days	Thu 19/12/13	Thu 19/12/13	1126												
1128	0%	Test Cycle 3 - With System Integration Testing	45 days	Tue 24/12/13	Wed 26/02/14													
1129	0%	Test Preparation	20 days	Tue 24/12/13	Wed 22/01/14													
1130	0%	Define Test Scope	2 days	Tue 24/12/13	Fri 27/12/13	1102												
1131	0%	Develop Test Scope Document	2 days	Mon 30/12/13	Tue 31/12/13	1130												
1132	0%	Develop Testing/Scenario Scripts	7 days	Wed 01/01/14	Thu 09/01/14	1131												
1133	0%	Set up Test Management tool	1 day	Fri 10/01/14	Fri 10/01/14	1132												
1134	0%	Sign off on Test Scope Document	5 days	Wed 01/01/14	Tue 07/01/14	1131												
1135	0%	Test Environment Setup - All Systems	11 days	Tue 24/12/13	Thu 09/01/14													
1136	0%	Determine Test Environment code Requirement	2 days	Tue 24/12/13	Fri 27/12/13	1102												
1137	0%	Enter CIS Configuration	5 days	Thu 02/01/14	Wed 08/01/14	1145SS-10 d												
1138	0%	Enter Configuration for all integrated systems	5 days	Thu 02/01/14	Wed 08/01/14	1145SS-10 d												
1139	0%	Add users and appropriate security for all systems	1 day	Thu 09/01/14	Thu 09/01/14	1138												
1140	0%	Data Conversion - All systems	15 days	Thu 02/01/14	Wed 22/01/14													
1141	0%	Determine Data Requirements for all Systems	1 day	Thu 09/01/14	Thu 09/01/14	1142												
1142	0%	Data Extract Delivered	5 days	Thu 02/01/14	Wed 08/01/14	1145SS-10 d												
1143	0%	Build Data Imports	5 days	Thu 09/01/14	Wed 15/01/14	1142												
1144	0%	Execute Conversion	5 days	Thu 16/01/14	Wed 22/01/14	1143												
1145	0%	Execution	30 days	Thu 16/01/14	Wed 26/02/14													
1146	0%	Business Process Tests	5 days	Thu 16/01/14	Wed 22/01/14	1102FS+3 w												
1147	0%	Execute Test Cases	5 days	Thu 16/01/14	Wed 22/01/14													
1148	0%	NG Data Verification and Validation	5 days	Thu 16/01/14	Wed 22/01/14	1147SS												
1149	0%	System Integration Testing	25 days	Thu 23/01/14	Wed 26/02/14													
1150	0%	EBT	15 days	Thu 23/01/14	Wed 12/02/14	1148												
1151	0%	Wennsoft - Service Orders	15 days	Thu 23/01/14	Wed 12/02/14	1148												

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Critical
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Progress

ID	% Complete	Task Name	Duration	Start	Finish	Predecessors	2012					2013				2014		
							Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
1152	0%	Non Interval meter Reading - ITRON FS	15 days	Thu 23/01/14	Wed 12/02/14	1148												
1153	0%	Interval meter data - MV90	15 days	Thu 23/01/14	Wed 12/02/14	1148												
1154	0%	Meter Data Management	15 days	Thu 23/01/14	Wed 12/02/14	1148												
1155	0%	General Ledger	15 days	Thu 23/01/14	Wed 12/02/14	1148												
1156	0%	GASTAR	15 days	Thu 23/01/14	Wed 12/02/14	1148												
1157	0%	Payments (Lockbox and EFT)	15 days	Thu 23/01/14	Wed 12/02/14	1148												
1158	0%	Credit, Collection interfaces (Collection Agency, D	15 days	Thu 23/01/14	Wed 12/02/14	1148												
1159	0%	Bill Print	20 days	Thu 23/01/14	Wed 19/02/14	1148												
1160	0%	IVR Self Service	15 days	Thu 06/02/14	Wed 26/02/14	1159FS-10 d												
1161	0%	GIS, OMS	15 days	Thu 06/02/14	Wed 26/02/14	1159FS-10 d												
1162	0%	Web Self Service	15 days	Thu 06/02/14	Wed 26/02/14	1159FS-10 d												
1163	0%	Customer Choice	15 days	Thu 06/02/14	Wed 26/02/14	1159FS-10 d												
1164	0%	Energy Assistance	15 days	Thu 06/02/14	Wed 26/02/14	1159FS-10 d												
1165	0%	Performance Testing	5 days	Thu 20/02/14	Wed 26/02/14													
1166	0%	Conduct testing with 3x data load	5 days	Thu 20/02/14	Wed 26/02/14	1159												
1167	0%	Execute all business process tests	5 days	Thu 20/02/14	Wed 26/02/14	1159												
1168	0%	Exit	6 days	Wed 19/02/14	Wed 26/02/14													
1169	0%	Generate Summary Report	1 day	Wed 19/02/14	Wed 19/02/14	1145FF-5 da												
1170	0%	Review Results	1 day	Thu 20/02/14	Thu 20/02/14	1169												
1171	0%	Assigned all defects	1 day	Fri 21/02/14	Fri 21/02/14	1170												
1172	0%	Determine workaround if required	4 days	Fri 21/02/14	Wed 26/02/14	1170												
1173	0%	Archive test data	1 day	Wed 26/02/14	Wed 26/02/14	1172FF												
1174	0%	Test Cycle 3 Complete	0 days	Wed 26/02/14	Wed 26/02/14	1173												
1175	0%	CODE FREEZE IMPLEMENTED FOR ALL SYSTEMS	0 days	Wed 26/02/14	Wed 26/02/14	1128												
1176	0%	Test Cycle 4	40 days	Thu 27/02/14	Wed 23/04/14													
1177	0%	Test Preparation	20 days	Thu 27/02/14	Wed 26/03/14													
1178	0%	Define Test Scope	2 days	Thu 27/02/14	Fri 28/02/14	1128												
1179	0%	Develop Test Scope Document	2 days	Mon 03/03/14	Tue 04/03/14	1178												
1180	0%	Develop Testing/Scenario Scripts	7 days	Wed 05/03/14	Thu 13/03/14	1179												
1181	0%	Set up Test Management tool	1 day	Fri 14/03/14	Fri 14/03/14	1180												
1182	0%	Sign off on Test Scope Document	5 days	Wed 05/03/14	Tue 11/03/14	1179												
1183	0%	Test Environment Setup	6 days	Thu 27/02/14	Thu 06/03/14													
1184	0%	Determine Test Environment code Requirement	5 days	Thu 27/02/14	Wed 05/03/14	1128												
1185	0%	Enter CIS Configuration	5 days	Thu 27/02/14	Wed 05/03/14	1193SS-10 d												
1186	0%	Enter Configuration for all integrated systems	5 days	Thu 27/02/14	Wed 05/03/14	1193SS-10 d												
1187	0%	Add users and appropriate security for all systems	1 day	Thu 06/03/14	Thu 06/03/14	1186												
1188	0%	Data Conversion - All systems	15 days	Thu 06/03/14	Wed 26/03/14													
1189	0%	Determine Data Requirements for all Systems	1 day	Thu 13/03/14	Thu 13/03/14	1190												
1190	0%	Data Extract Delivered	5 days	Thu 06/03/14	Wed 12/03/14	1193SS-5 da												
1191	0%	Build Data Imports	5 days	Thu 13/03/14	Wed 19/03/14	1190												

Project: National Grid -Meter to C
Date: Wed 30/01/13

Task

Milestone

Project Summary

External Milestone

Critical

Progress

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Deadline

Critical Split

ID	% Complete	Task Name	Duration	Start	Finish	Predecessors	2012					2013				2014		
							Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
1192	0%	Execute Conversion	5 days	Thu 20/03/14	Wed 26/03/14	1191												
1193	0%	Test Execution	30 days	Thu 13/03/14	Wed 23/04/14													
1194	0%	Business Process Testing	10 days	Thu 13/03/14	Wed 26/03/14	1128FS+10 d												
1195	0%	Execute test cases	10 days	Thu 13/03/14	Wed 26/03/14													
1196	0%	NG Data Verification and Validation	10 days	Thu 13/03/14	Wed 26/03/14	1195FS-10 d												
1197	0%	System Integration Testing	20 days	Thu 13/03/14	Wed 09/04/14													
1198	0%	Wennsoft - Service Orders	20 days	Thu 13/03/14	Wed 09/04/14	1195SS												
1199	0%	Non Interval meter Reading - ITRON FS	20 days	Thu 13/03/14	Wed 09/04/14	1195SS												
1200	0%	Interval meter data - MV90	20 days	Thu 13/03/14	Wed 09/04/14	1195SS												
1201	0%	Meter Data Management	20 days	Thu 13/03/14	Wed 09/04/14	1195SS												
1202	0%	General Ledger	20 days	Thu 13/03/14	Wed 09/04/14	1195SS												
1203	0%	GASTAR	20 days	Thu 13/03/14	Wed 09/04/14	1195SS												
1204	0%	Payments (Lockbox and EFT)	20 days	Thu 13/03/14	Wed 09/04/14	1195SS												
1205	0%	Credit, Collection interfaces (Collection Agency, D	20 days	Thu 13/03/14	Wed 09/04/14	1195SS												
1206	0%	Bill Print	20 days	Thu 13/03/14	Wed 09/04/14	1195SS												
1207	0%	IVR Self Service	20 days	Thu 13/03/14	Wed 09/04/14	1195SS												
1208	0%	Web Self Service	20 days	Thu 13/03/14	Wed 09/04/14	1195SS												
1209	0%	Customer Choice	20 days	Thu 13/03/14	Wed 09/04/14	1195SS												
1210	0%	Energy Assistance	20 days	Thu 13/03/14	Wed 09/04/14	1195SS												
1211	0%	Dress Rehearsals	10 days	Thu 10/04/14	Wed 23/04/14													
1212	0%	Dress Rehearsal 1	5 days	Thu 10/04/14	Wed 16/04/14	1197												
1213	0%	Dress Rehearsal 2	5 days	Thu 17/04/14	Wed 23/04/14	1212												
1214	0%	Exit	6 days	Wed 16/04/14	Wed 23/04/14													
1215	0%	Generate Summary Report	1 day	Wed 16/04/14	Wed 16/04/14	1193FF-5 da												
1216	0%	Review Results	1 day	Thu 17/04/14	Thu 17/04/14	1215												
1217	0%	Assigned all defects	1 day	Fri 18/04/14	Fri 18/04/14	1216												
1218	0%	Determine workaround if required	4 days	Fri 18/04/14	Wed 23/04/14	1216												
1219	0%	Archive test data	1 day	Wed 23/04/14	Wed 23/04/14	1218FF												
1220	0%	Test Cycle 2 Complete	0 days	Wed 23/04/14	Wed 23/04/14	1219												
1221	0%	User Acceptance Testing (UAT)	24 days	Tue 15/04/14	Fri 16/05/14													
1222	0%	Test Preparation	5 days	Tue 15/04/14	Mon 21/04/14													
1223	0%	Define Test Scope	2 days	Tue 15/04/14	Wed 16/04/14	1176FF-5 da												
1224	0%	Develop Test Scope Document	2 days	Thu 17/04/14	Fri 18/04/14	1223												
1225	0%	Develop Testing/Scenario Scripts	2 days	Thu 17/04/14	Fri 18/04/14	1223												
1226	0%	Set up Test Management tool	1 day	Mon 21/04/14	Mon 21/04/14	1225												
1227	0%	Sign off on Test Scope Document	1 day	Mon 21/04/14	Mon 21/04/14	1224												
1228	0%	Identify User Group	1 day	Tue 15/04/14	Tue 15/04/14	1223SS												
1229	0%	Test Execution	20 days	Tue 15/04/14	Mon 12/05/14													
1230	0%	Execute Tests(include business process testing)	20 days	Tue 15/04/14	Mon 12/05/14	1228SS												
1231	0%	Test Execution Reporting	20 days	Tue 15/04/14	Mon 12/05/14	1230SS												

ID	% Complete	Task Name	Duration	Start	Finish	Predecessors	2012					2013				2014		
							Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
1232	0%	User Acceptance sign off	0 days	Tue 15/04/14	Tue 15/04/14	1230SS												
1233	0%	Exit	4 days	Tue 13/05/14	Fri 16/05/14													
1234	0%	Generate Summary Report	1 day	Tue 13/05/14	Tue 13/05/14	1229												
1235	0%	Review Results	1 day	Wed 14/05/14	Wed 14/05/14	1234												
1236	0%	Assigned all defects	1 day	Wed 14/05/14	Wed 14/05/14	1235SS												
1237	0%	Determine workaround if required	3 days	Wed 14/05/14	Fri 16/05/14	1235SS												
1238	0%	Archive test data	1 day	Fri 16/05/14	Fri 16/05/14	1237FF												
1239	0%	UAT Complete	0 days	Fri 16/05/14	Fri 16/05/14	1238												
1240	0%	Cutover	25 days	Thu 24/04/14	Mon 26/05/14													
1241	0%	Cutover Preparation	2 days	Thu 24/04/14	Fri 25/04/14													
1242	0%	Review Cutover Schedule	1 day	Thu 24/04/14	Thu 24/04/14	1176												
1243	0%	Hold "Go Live" Walkthrough Meeting	1 day	Fri 25/04/14	Fri 25/04/14	1242												
1244	0%	Production Environment Preparation	10 days	Thu 01/05/14	Wed 14/05/14													
1245	0%	CRS to Cogsdale Conversion	10 days	Thu 01/05/14	Wed 14/05/14													
1246	0%	IT set up hardware and apply application	10 days	Thu 01/05/14	Wed 14/05/14	1263FS-1 m												
1247	0%	Prep Great Plains(Cogsdale)	10 days	Thu 01/05/14	Wed 14/05/14	1246SS												
1248	0%	Apply last pristine configuration	10 days	Thu 01/05/14	Wed 14/05/14	1246SS												
1249	0%	Execute conversion	10 days	Thu 01/05/14	Wed 14/05/14	1246SS												
1250	0%	GIS Conversion	10 days	Thu 01/05/14	Wed 14/05/14	1246SS												
1251	0%	MV90 ITRON Conversion	10 days	Thu 01/05/14	Wed 14/05/14	1246SS												
1252	0%	System Configuration	10 days	Thu 01/05/14	Wed 14/05/14													
1253	0%	Configure middleware/integration endpoints	10 days	Thu 01/05/14	Wed 14/05/14	1246SS												
1254	0%	Apply Cogsdale Security for end users	10 days	Thu 01/05/14	Wed 14/05/14	1246SS												
1255	0%	Configure Business Objects server	3 days	Thu 01/05/14	Mon 05/05/14	1246SS												
1256	0%	Promote systems	5 days	Tue 06/05/14	Mon 12/05/14													
1257	0%	Promote Bill Print	5 days	Tue 06/05/14	Mon 12/05/14	1255												
1258	0%	Promote IVR	5 days	Tue 06/05/14	Mon 12/05/14	1257SS												
1259	0%	Promote business objects code	5 days	Tue 06/05/14	Mon 12/05/14	1257SS												
1260	0%	Promote Cogsdale code	5 days	Tue 06/05/14	Mon 12/05/14	1257SS												
1261	0%	Promote other Third party systems - TBD	5 days	Tue 06/05/14	Mon 12/05/14	1257SS												
1262	0%	Promote middleware/integration endpoints to live systems	5 days	Tue 06/05/14	Mon 12/05/14	1257SS												
1263	0%	Cutover -"Go Live"	4 days	Fri 23/05/14	Mon 26/05/14													
1264	0%	Execute cutover activities	4 days	Fri 23/05/14	Mon 26/05/14													
1265	0%	Legacy Environment Shut Down	1 day	Mon 26/05/14	Mon 26/05/14	1264FF												
1266	0%	Post Go Live -Incident and Issue Management	10 days	Tue 06/05/14	Mon 19/05/14													
1267	0%	Develop issue management strategy	10 days	Tue 06/05/14	Mon 19/05/14	1257SS												
1268	0%	Develop post go live IT and application support staff	10 days	Tue 06/05/14	Mon 19/05/14	1257SS												
1269	0%	Project Closure	9 days	Tue 27/05/14	Fri 06/06/14													
1270	0%	Create and Issue final status report	1 day	Tue 27/05/14	Tue 27/05/14	1240												
1271	0%	Document Lesson Learned	5 days	Tue 27/05/14	Mon 02/06/14	1240												

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							Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
1272	0%	Release Resources	2 days	Tue 03/06/14	Wed 04/06/14	1271												
1273	0%	Archive Project Documents	2 days	Thu 05/06/14	Fri 06/06/14	1272												