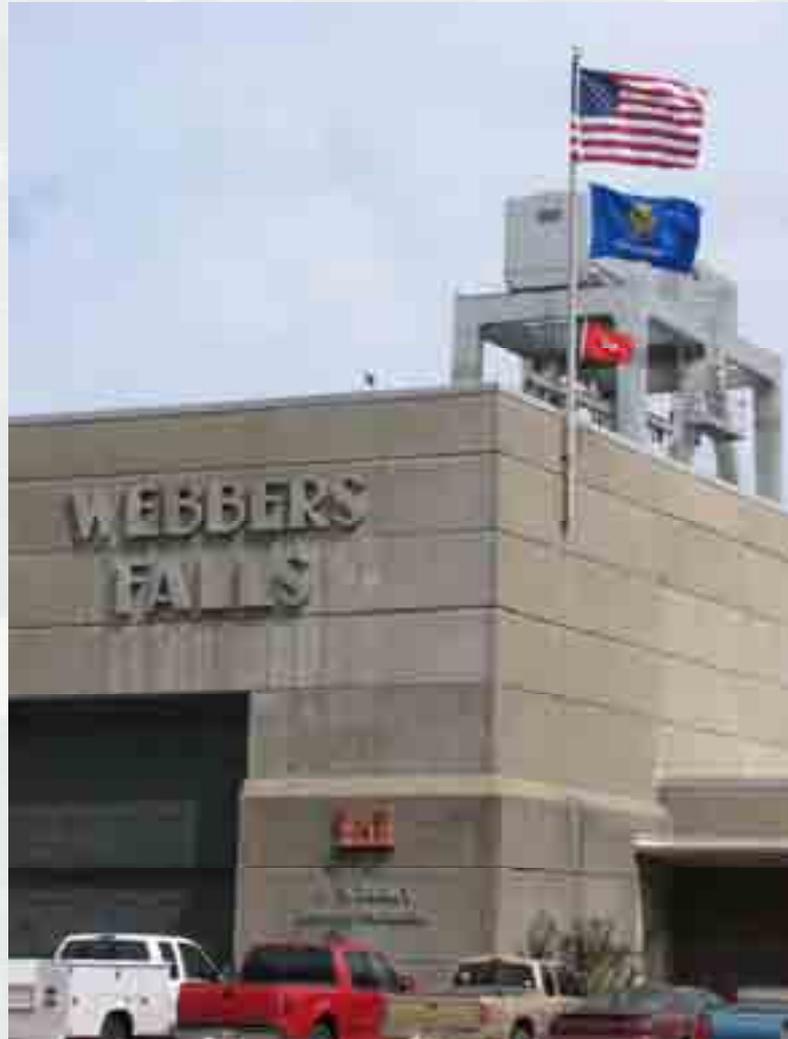
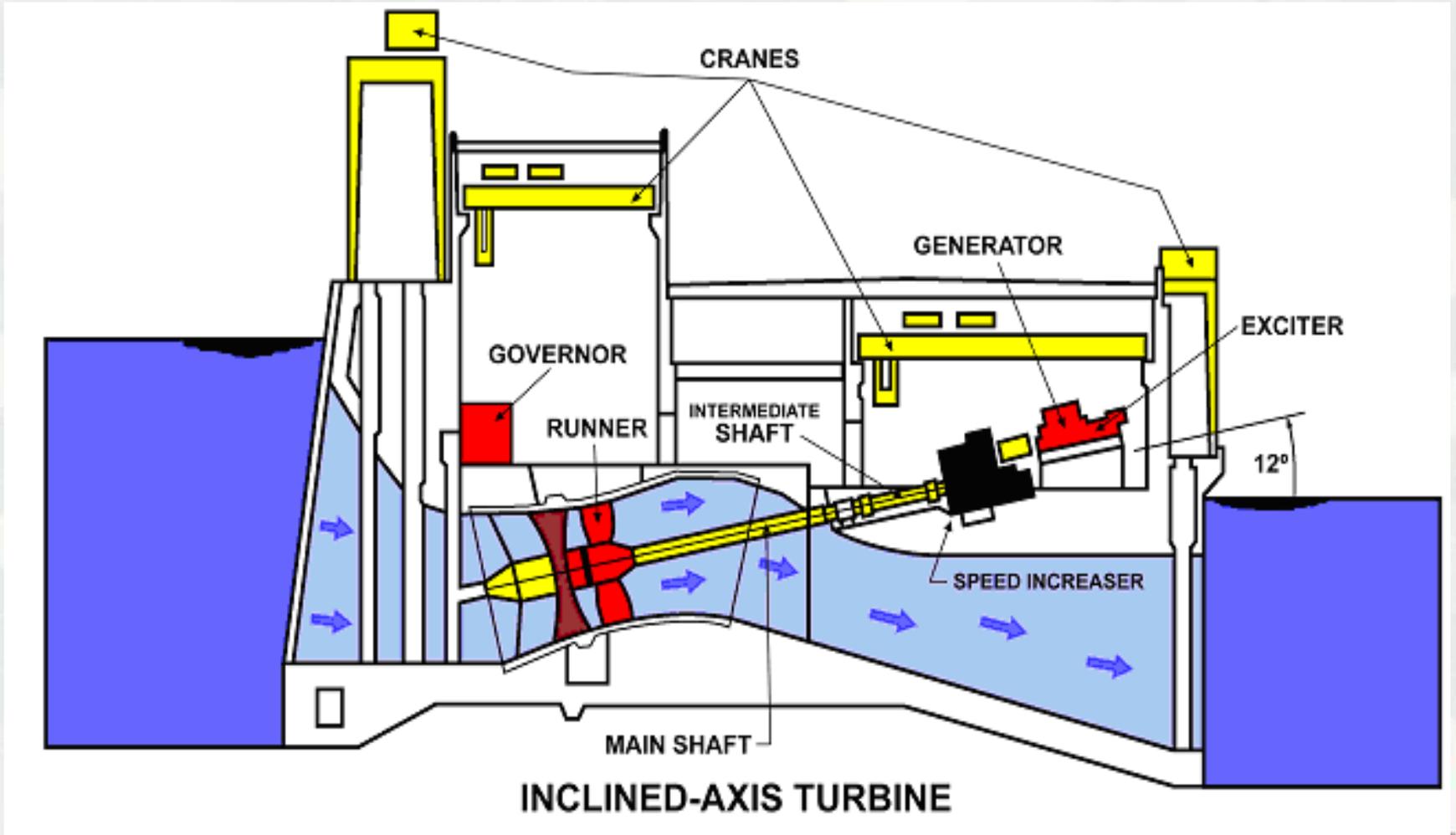


Webbers Falls Major Rehab



BUILDING STRONG®

Plant Cross Section



Project Cost and Scope

- **Current Cost: \$72.7M**
- **Current Completion Date: Jun 2012**

- **Rehab 2 Bridge Cranes**
- **Rehab 2 Gantry Cranes**
- **Rewind 3 Generators**
- **Install New 13.8KV Breakers and Buss**
- **Repair Misc Mechanical & Electrical Items**



Project Funding

- **Project was 100% funded through customer funding until FY09 ARRA funds were received. ARRA funds now being used for, gantry cranes, breakers, cables and distribution panels.**
- **To date customer funds in the amount of \$67.9M have been provided for this project.**



Total Cost Breakdown

2010 Current Cost Est. - \$72.7M

Turbine Rehab Cont. -	\$55.3M
Generator Rewind Cont -	6.0
Intake/Draft Tube Cranes –	4.0*
Rehab Two Bridge Cranes –	2.6
Misc. Electrical Mech. -	4.0**
New 13.8KV Breakers -	.8*
Total -	\$72.7M

*** ARRA Funded **Partial ARRA Funded**



Turbine Unit 3 Schedule

- **Runner Manufacturing – Aug 10**
- **Shaft Manufacturing - Complete**
- **Wicket Gate Manufacturing - Complete**
- **Disassembly – Complete**
- **Reassembly – Jun 10 - Jan 11**
- **Testing & Acceptance – Feb 11 – Mar 11**



Turbine Rehab Sub Agreement Funding

	Unit 3	Unit 2	Unit 1
Contract & Modifications	\$15,001,162	\$14,768,770	\$14,574,627
S&A/EDC	\$1,137,000	\$954,000	\$925,000
Contingencies	\$3,361,838	\$2,177,230	\$2,400,373
Sub Total	\$19,500,000	\$17,900,000	\$17,900,000



Processed Modifications

Processed Modifications	Unit 3	Unit 2	Unit 1
P00004 - Delete new gov oil pumps	-\$76,590		
P00005 - Stub Shaft, chg to packing box	-\$77,130		
P00006 - Delete Inspect wicket gates	-\$97,500		
P00007 - Main shaft ss packing box	\$76,903	\$76,903	\$76,903
P00008 - Replacement Bolts	\$6,158	\$6,158	\$6,158
P00009 - Misc CLINS	\$119,197	\$147,797	\$147,127
P00010 - Escalation Payment #1	\$17,224	\$16,794	\$17,634
P00011 - Governor Deletion	-\$326,157	-\$173,730	-\$175,900
P00012 - FOOH	-\$1,547		
P00013 - Speed Increaser	-\$112,081	-\$85,321	-\$86,781
P00014 - Escalation payment #2	\$444,047	\$278,250	\$164,724

Pending & Projected Modifications

Pending & Projected Modifications	Unit 3	Unit 2	Unit 1
Oil Head Leakage Return System	\$72,000	\$72,000	\$72,000
Servomotors	\$44,000	\$44,000	\$44,000
Shear Pins	\$8,000	\$8,000	\$8,000
Upper shaft changes & coating	\$45,000	\$45,000	\$45,000
CW019 Refurbish Gate Barrels & Ring	\$375,000	\$375,000	\$375,000
Discharge Ring Gussets & Anchors	\$82,000	\$82,000	\$82,000
CW021 Additional Penstock Painting	\$330,000	\$470,000	\$470,000
CW022 Stay Vane Repair	\$0	\$320,000	\$320,000
CW017 Speed Increaser Heat Exchanger	\$23,000	\$23,000	\$23,000
Gate & Shear Lever Rework	\$10,000	\$10,000	\$10,000
Governor & Pumps	\$189,000	\$189,000	\$189,000
Schedule - Primavera	\$64,731	\$64,731	\$64,731
Rehab Gate Assy Pedestals	\$50,000	\$50,000	\$50,000
Base Metal Spot Repair	-\$300,000	-\$300,000	-\$300,000

Estimated Escalation Costs

Estimated Escalation thru June 2010				\$1,300,000
Est. Additional Escalation thru Jan 2011				\$1,650,000
Est. Additional Escalation thru Jan 2012				\$1,560,000
Est. Additional Escalation thru Jan 2013				\$1,575,000
Total Est. Additional Escalation				\$6,085,000



Turbine Rehab Sub Agreement Funding

	Unit 3	Unit 2	Unit 1
Contract & Modifications	\$15,001,162	\$14,768,770	\$14,574,627
S&A/EDC	\$1,137,000	\$954,000	\$925,000
Contingencies	\$3,361,838	\$2,177,230	\$2,400,373
Sub Total	\$19,500,000	\$17,900,000	\$17,900,000

Total Contingencies - \$7.93M Vs. Est. Escalation - \$6.08



Additional Sub Agreements

SW00431-S138 – Rewind Generators

Units 1,2 & 3 = \$6.0M

Solicitation in Progress

SW00431-S092- Rehab Bridge Cranes - \$2.62M

Actual Expenditures – \$2.606

Contract Complete

SW00431-S088- 13.8KV Circuit Breakers - \$320K

Awarded

\$787K funded through ARRA

SW00431-S137- Misc Mech and Electrical - \$4M

Underway

\$518K funded through ARRA



Runner Disassembly



BUILDING STRONG®

Intermediate Shaft Removal (37 tons)



BUILDING STRONG®

Boring Bar & Wear Band



Boring Bar & Wear Band



Digital Governor Cabinet



BUILDING STRONG®

Gantry Cranes

