Sewerage & Water Board of New Orleans

Major Infrastructure Changes
Carrolton Water Plant

April 17, 2015
Orleans Storm Proofing

- $225 million completed, $70 million in plant
  - 15 MW 60 hz generator
  - Storm proofing power plant buildings
  - East Bank River Intakes

- Corps of Engineers nearly completed OSP
- SWB to bring generator to compliance

http://swbnola.org
Katrina Related Water Restoration

- Over $75 million in construction projects
- $55 million inside Carrollton Water Plant
Water Restoration-CWP

- Turbine 4 repairs $14.5 million
- A & B steam pumps $13.8
- Panola pumping station $ 2.0
- Power Pump Package $ 3.0
- Boiler pre heaters $ 3.2
- Boiler repairs $17.5
- Intake Repairs $ .4
Power Plant HMGP

- $150 million program is intended to mitigate from future damages - not limited to repairing damages that have occurred
$150 Million Power Plant HMGP

- Turbine 4 Generator $7.9 million
- 60hz Feeders $3.4
- Generator testing load bank $5.5
- Replacement of critical feeders $28.0
- Oak street intake $16.7
- Emergency fuel storage $6.4
- Refurbish boiler room $44.7
- Structural refurbishment $3.8
- Turbine 5 refurbishment $17.3
- Turbine 3 refurbishment $16.9
Water Hammer

- $50 million to construct water towers inside the plant and booster pumps in the distribution system
East Bank Water Plant

- Storm Proofing  $70 million
- Katrina Recovery  $55 million
- Power Plant HMGP  $150 million
- Water Hammer  $50 million
Water Quality Master Plan

- Treatment Basin Repairs
- Water Tanks maintenance
- Filter Gallery repairs
- Filter Media Replacement
- Chemical storage upgrades
- SCADA monitoring system
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Re-Building the City’s Water Systems for the 21st Century