

Puget Sound Energy's Preparedness Plans for Potential Green River Valley Flooding for 2009-2010 and Subsequent Storm Seasons

October 15, 2009

Washington Utilities & Transportation Commission Docket No. A-091590

Confidential per WAC 480-07-160

[Redacted Version]

BACKGROUND – HOWARD HANSON DAM

The US Army Corps of Engineers' Howard Hanson Dam (the "Dam"), located on the upper reach of the Green-Duwamish River in King County, has provided flood risk reduction and water storage on the Green River since it was commissioned in 1962. The Corps constructed the Dam to mitigate the effects of frequent and devastating flooding in what was a historically flood-prone agricultural area. Since construction of the Dam, residential, commercial and industrial development has flourished in the Green River Valley. Puget Sound Energy ("PSE" or the "Company") has also significantly expanded its natural gas and electric infrastructure to serve this growing area.

Following heavy rains in January 2009, which resulted in a record-high level of water behind the Dam, two depressions were discovered on the right abutment, leading the Corps to significantly reduce the Dam's flood storage capacity to protect the facility. The Corps plans to maintain the reservoir pool at or below one-third of its certified capacity this storm season and for perhaps several more to come.

The Dam is not in immediate danger of failing; however, due to the diminished storage capacity, there is an increased risk to the downstream Green River Valley communities (Auburn, Kent, Renton, South Seattle, Tukwila) for higher flood levels this and future storm seasons, which in turn may impact local levees. Residents, businesses and jurisdictions are being asked to prepare for the worst, which, for example, led the City of Kent to spend \$1.5 million to sandbag 12 miles of the city side of the Green River. Other jurisdictions and businesses are taking additional preparatory actions.

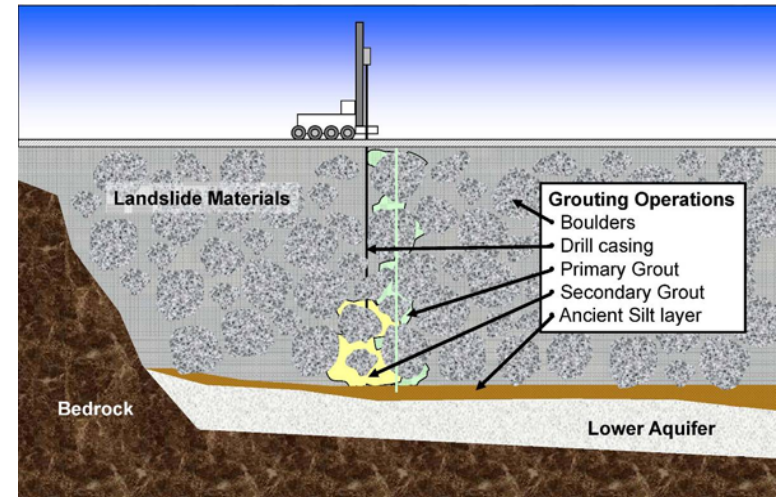
The Corps is constructing an interim seepage barrier wall, or grout curtain, and improving the drainage of the right abutment to reduce water migration through the earthen structure. The work is scheduled to be completed by November 1, 2009; however, testing will not occur until a later date. The Corps plans to construct a concrete wall in the abutment as a permanent fix, but the work will take at least three years. Until such a costly permanent fix can be implemented, there is a chance flooding could continue for several years.



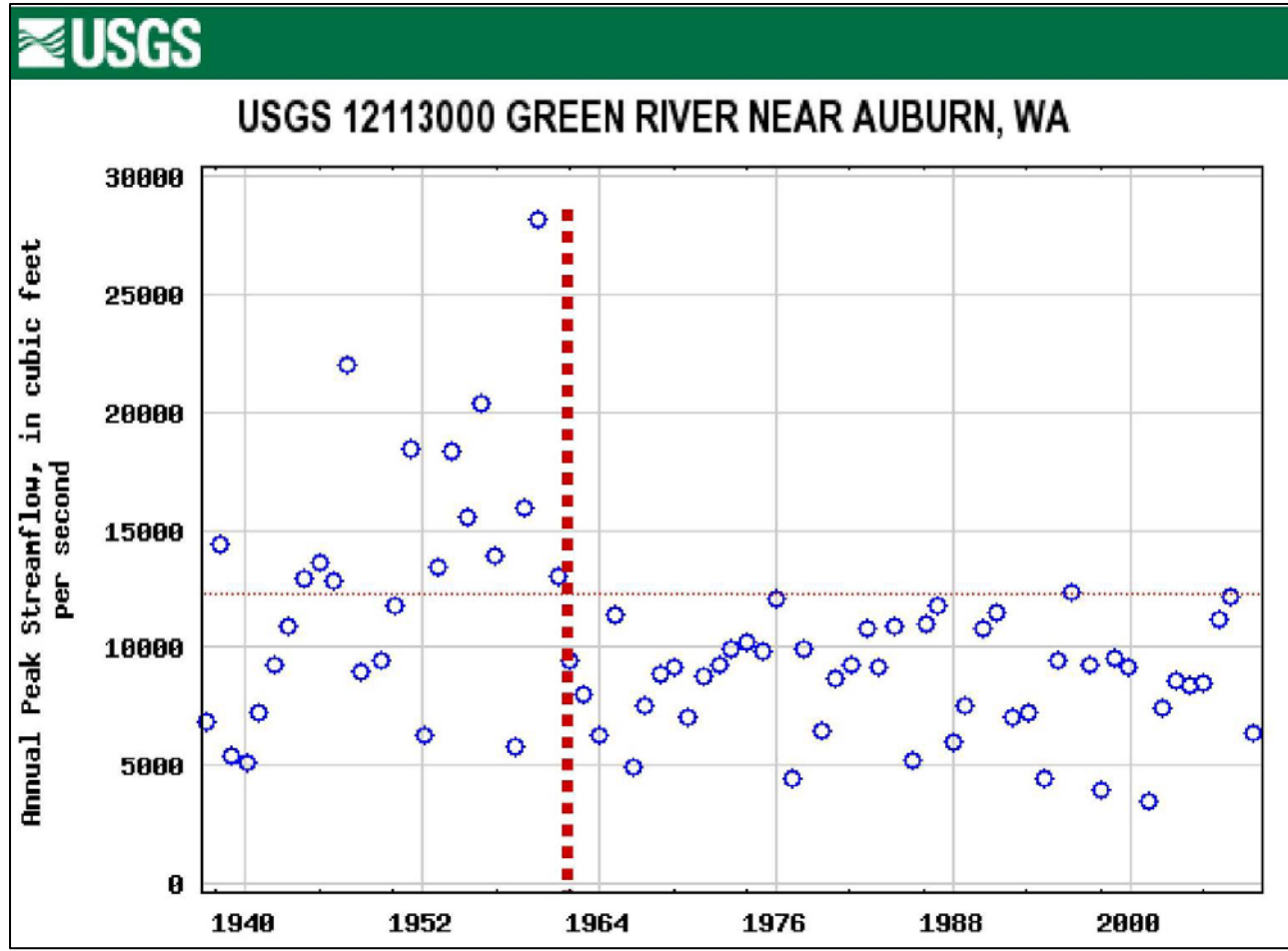
As a result of the Corps' current operational plan, there is a 1 in 4 chance that significant numbers of valley residents and businesses may experience substantial flood events this season and going forward, potentially inundating portions of the Green River Valley creating a lake 35 miles long, a mile wide and 3 to 12 feet deep (potentially covering as many square surface miles as Lake Washington).

The area is home to critical PSE infrastructure, including two bulk electric transmission substations, a primarily underground electric and natural gas distribution system, as well as some of our key operating facilities, including our Central Stores warehouse, South King Service Center, and service center for natural gas and electric system construction crews, which together house 200 employees and substantial equipment for the entire PSE natural gas and electric system.

The Corps and King County have provided four flood scenarios for community planning purposes during the 2009-2010 storm season, with **17,600 cubic feet per second ("cfs")** being determined to be the most likely scenario, and **25,000 cfs**, viewed as the worst-case scenario. PSE is using the inundation maps for these two scenarios as possible indicators of potential flooding impacts for preparedness planning purposes. These two scenarios are being used by the local jurisdictions in their planning efforts. It is anticipated that floods could occur multiple times in a storm season and potentially back-to-back. It is also likely that during a flood, there could be other weather-related and pandemic flu events impacting our system (high winds, etc.) and/or our ability to respond.



BACKGROUND – GREEN RIVER HISTORICAL FLOW RATES (1937-Present)



Green River levees overtop at 12,900 cfs. The Dam has prevented area flooding since its installation in the early 1960s.

BACKGROUND – THEN AND NOW



Top left: Kent Valley, 1930s; Bottom left: Kent Valley, 1946 ©PSE; Right: *Seattle Times* photo of King County's Maleng Regional Justice Center in Kent, the large building at lower left, lies in the Green River flood plain

BACKGROUND – PSE OPERATIONS IN THE LOWER GREEN RIVER SUBWATERSHED
(includes higher elevations from where water flows into river)

Customers

- 36,600 natural gas
- 76,400 electric

Community critical customers

REDACTED

Facilities

- South King Service Center
- Central Stores (system-wide materials warehouse)
- Corporate Fleet Base
- Electric and natural gas service base (leased to service provider)

PSE Employees – 200

- Electric first response
- Gas first response
- Meter network services
- Environmental services
- Warehouse and fleet

PSE contractors and vendors

REDACTED

Natural gas infrastructure

REDACTED

Electric infrastructure

REDACTED

EMERGENCY RESPONSE IS PART OF OUR CORE COMPETENCY

PSE's Corporate Emergency Response Plan outlines its philosophy and guidelines for responding to emergencies. The response plan emphasizes a single philosophy for responding to any type of emergency, regardless of cause or impact. Our procedures for response, restoration, and recovery are consistent throughout the Company and, regardless of the disruption cause, should appear seamless to our customers and the general public.

The plan is intended to assist both PSE and service provider employees by establishing a comprehensive framework for responding to large-scale emergencies. The plan helps ensure the safety of the public and employees and implements an effective strategy that is consistent Company-wide.

The plan will be activated through routine evaluation of criteria unique to a potential Green River flood event. PSE operations staff will vigilantly monitor system integrity, current and forecasted weather conditions, and current system impacts. When conditions are forecasted to deteriorate, duty managers will be contacted and alerted to potential or actual plan activation. In turn, emergency operations teams will be alerted. With the advanced weather forecast, an event level will be predicted, our emergency operations center activated, and advanced mobilization requirements implemented. As soon as field conditions permit, early visual damage assessment will be utilized to help affirm or adjust event response.

Employees of PSE and its service providers who do not regularly perform field operations and/or customer service duties will assist in certain emergency response efforts. All who do not normally perform emergency response efforts are trained for their respective emergency assignments. Employees will be asked to only perform jobs for which they are qualified. We will take advantage of our service provider relationships and reach out to other utilities to secure additional crews and, as in any storm or emergency situation, train them as appropriate.

PSE implemented a tabletop exercise on October 12 to facilitate discussions and explore plausible scenarios at a high level. Problems and their potential solutions will be reviewed for incorporation into this and future emergency response efforts. We will also participate in other community or Federal Emergency Management Agency drills if they are scheduled.

The PSE Emergency Response Plan specifies the use of local area coordination sites. Should other events (storm/cold weather) occur during a flood event, local area coordination will be implemented to ensure appropriate and coordinated response from both the electric and natural gas operations.

POTENTIAL SCENARIOS AND IMPACTS

We estimate between 20,000-32,000 PSE customers could be directly impacted by a major flood event in the Green River Valley as a result of the Dam's decreased water storage capacity if the Corps must release water to maintain safe storage levels. Customers in adjoining areas (e.g., uphill) could also be impacted if our facilities are underwater or damaged. Historical Green River levee containment is 12,900 cfs. Depending upon the severity of flooding, we can envision a situation whereby restoration of either natural gas or electric service could take three to six days after flood waters recede, assuming minimal catastrophic damage to major PSE natural gas and electric system components. In the scenarios evaluated, we have assumed the river levee system remains intact.

The unique nature of the wide variety of potential impacts poses additional communications challenges.

At 17,600 cfs flow, potential system impacts:

Natural gas

In this scenario, we believe the impacts will largely be customer meters submerged by water. It is not expected that our other natural gas infrastructure will be damaged by flood waters.

17,600 cfs Flow – Natural Gas	
3,335	Customer meters (expected to see some level of flooding)
2	Limit stations (will be taken out of service in advance of lowest flood level)
16	Pressure regulating stations (expected to see some level of flooding)
6	Bridge crossings (pipelines attached to bridges crossing the Green River)
20	Miles of high pressure natural gas pipeline (in flood area)
103	Miles of intermediate pressure natural gas pipeline (in flood area)

Electric system

In this scenario, we believe the impacts will largely be on our electric distribution system.

17,600 cfs Flow – Electric	
14,877	Residential customer meters (may experience outage)
4,860	Small commercial customer meters (may experience outage)
28	Large commercial industrial customer meters (may experience outage)
2	Transmission substations (surrounded by water)
16	Transmission lines (traversing flooded areas)
8	Distribution substations (water within fenced area)
53	Individual distribution circuits (surrounded by water)
2	Customer substations (potentially impacted by water)
87	Padmount switches (potentially impacted by water)
980	Padmount transformers (surrounded by water)

Other PSE facilities that could affect PSE’s business continuity for all customers

- South King Service Center (materials warehouse, Corporate Fleet, electric and gas first response, meter network services, environmental services)
- PSE contractors

REDACTED

- Vendors

REDACTED

Other potential regional impacts

- Major disruption to regional transportation routes
- Storm water/waste water issues
- Flood damaged infrastructure
- Hazardous working conditions

At 25,000 cfs flow, potential system impacts:

Natural gas

In this scenario, we believe the impacts will largely be customer meters submerged by water. It is not expected that our other natural gas infrastructure will be damaged by flood waters.

25,000 cfs Flow – Natural Gas	
5,500	Customer meters (expected to see some level of flooding)
2	Limit stations (will be taken out of service in advance of lowest flood level)
20	Pressure regulating stations (expected to see some level of flooding)
6	Bridge crossings (pipelines attached to bridges crossing the Green River)
24	Miles of high pressure natural gas pipeline (in flood area)
120	Miles of intermediate pressure natural gas pipeline (in flood area)

Electric system

In this scenario, the distribution system is significantly affected and there could be impacts to the transmission system. This could mean there are customer impacts outside of the valley. The extent and duration of potential outages would depend on the exact circumstances as to how much and how fast we were to lose transmission lines and substations in the flooded area, as well as the extent of the damage to these facilities. The impact described in this scenario assumes customers outside the valley floor remain in service.

25,000 cfs Flow – Electric	
25,407	Residential customer meters (may experience outage)
8,025	Small commercial customer meters (may experience outage)
55	Large commercial industrial customer meters (may experience outage)
3	Transmission substations (water inside fenced area)
17	Transmission lines (traversing flooded areas)
10	Distribution substations (water inside fenced area)
64	Individual distribution circuits (potentially impacted by water)
5	Customer substations (water inside fenced area)
212	Padmount switches (potentially affected by water)
1,755	Padmount transformers (potentially affected by water)

Other PSE facilities that could affect PSE’s business continuity for all customers

- South King Service Center (materials warehouse, corporate fleet, electric and gas first response, meter network services, environmental services)
- PSE contractors

REDACTED

- Vendors

REDACTED

Other potential regional impacts

- Major disruption to regional transportation routes
- Storm water/waste water issues
- Transmission outages could affect customers to the west, REDACTED.
- Flood damaged infrastructure
- Hazardous working conditions

PSE RESPONSE – PLANNING AND PRE-FLOOD ACTIONS

PSE is participating with King County, regional planning groups, and local jurisdictions to coordinate planning efforts. We are preparing our system and operations to be able to leave power on and natural gas flowing for as long as safely possible during flood events. There is little confidence in accurately predicting where the flood waters will be or the depth of the water. While there are inundation models, they are not strong predictors of what the water footprint will be. Levee breaks or other barriers erected for flood control will likely alter the course of the water and flooding.

PSE has engaged in multiple and detailed discussions with other natural gas and electric utilities that have been adversely impacted by significant flood events elsewhere in the United States. These discussions and learnings have influenced our planning efforts.

Community critical infrastructure

REDACTED

REDACTED

Customers

PSE will deliver targeted communications to customers being ordered to evacuate to ensure public safety and help protect customer property. A communications plan for informing and educating customers in advance of any flood event follows.

We have been receiving calls regarding potential Green River Valley flooding from residents, commercial customers and county government. As of October 2, we estimate receiving 30 to 40 general calls from customers with floodplain addresses who are concerned about substations at flood height being shut down and effecting power to customers with addresses above flood level.

We have also had dozens of one-on-one conversations with community leaders as well as concerned businesses and residents in the affected area to discuss PSE's preparedness efforts and extent of potential outages. We have been involved in detailed conversations, coordinating our efforts with the staff at the affected cities and they have, on occasion, referred specific customer questions to PSE representatives.

We are preparing our Customer Access Center with talking points and have set up an e-mail address PSETalk@pse.com to facilitate customer inquiries.

We have and will continue to be an active participant at community forums helping businesses and residents to prepare for and understand our operating plans.

PSE continues to have a large involvement with communities, residents and local government agencies in regards to back-up generators. We have seen calls for generator assistance increase about 10 fold during the month of September. We are communicating with emergency preparedness personnel throughout our service area and will be supplying them with a PSE generator brochure for residential customers. This will be followed by a two-sided industrial and commercial flyer to let customers know how PSE can provide assistance with emergency generation.

Facilities and employees

PSE is evaluating business continuity options and is reviewing / finalizing several alternatives for housing business units currently located in our South King Service Center, including:

- Existing unoccupied space in PSE facilities located outside of the flood zone
- Redistributing warehouse stock or materials to other PSE operating locations

- Options for environmental services
 - Limiting inventory of hazardous waste
 - If flooding occurs, movement of remaining hazardous waste to alternative PSE sites
- Technology options to allow us to quickly relocate employees
- Reactivating our Enumclaw Service Center (SE King County)
- Locating an alternative site for meter network services, material warehouse

Materials and equipment

Emergency material stock (used in storm/flooding restoration) is being moved to other PSE facilities. All inside stock is being raised above 8 feet from the valley floor. Outside material is being secured, raised or relocated. PSE is building an inventory of replacement components for those items most likely to be affected to ensure immediate access, including

- Natural gas regulators
- Fuse holders and arc chutes (for padmount switch rebuild)
- Padmount switches and transformers
- Natural gas meters

PSE has extensive mutual assistance agreements with both natural gas and electric service agencies. We are reaching out to these agencies to determine availability of potential flood response resources. Further, additional underground construction equipment may be needed to adequately respond, and steps are being taken to identify and potentially secure this equipment.

Natural gas system

PSE believes the natural gas distribution system will remain largely intact through a flood event. The utility is hardening the system to help ensure that natural gas remains in the system and water does not get in. Some pipe crossings, individual customer meters, particularly residential, will be affected by flood waters. If meter sets are submerged, the regulators at a minimum will need to be replaced. Our pre-flood planning efforts include:

- Identifying flood-related emergency isolation areas
- Identifying, clearly marking and operationally testing large diameter valves
- Evaluated the risk of pipelines on bridges
 - Identified the majority are protected by bridge abutments
- Completed evaluation of mobile home parks in proximity to the river
 - Determined less than 20 mobile homes at low flow and approximately 80 mobile homes at high flow will need to be shut off at evacuation notification
- Developing a plan for remote telemetry unit monitoring to enable system pressure monitoring during flood conditions
- Identifying options for minimizing flood damage to the natural gas system
 - During an evacuation, we will shut down the Kent Limit Station
- Finalizing a natural gas operations response plan to effectively manage restoration efforts
- Performed mock event drill on response plan on October 12

Electric system

PSE's electric distribution system is largely underground in the valley. In low flow flood situations, impacts will be primarily to the distribution system. Nearly all padmount switches and transformers in PSE's electric distribution system have uninsulated metal components, which are subject to short circuiting if contacted by water. The Company will work to proactively de-energize these "live front" components in order to minimize system damage from flooding. In the higher flood flow situation, the transmission system could be affected. Our planning efforts include:

- Constructing mission critical protection for two transmission substations
 - Removing non-essential materials from substation facilities and sealing the inside of the control houses and raceways
 - Constructing continuous berms along the outside perimeter of the control house
- Developing contingency plans for our transmission system in the 25,000 cfs scenario (electrical loss of the two transmission substations)
 - Complete on-going transmission structure analysis; findings to date have identified right of way ("ROW") access issues, tree removal, a needed 115 kilovolt ("kV") line switch and pole mitigation (potential erosion issue) were identified and mitigation plans are under development
- Identifying options for minimizing flood damage to substations, such as sand bag/seal key control houses at substations. Completion of "hardening" 18 additional substations
 - Raise, modify or replace critical, high risk equipment
 - Expand system automation ("SCADA") to optimize remote operations at key locations
- Identifying options for minimizing potential outage area by switching from valley substations to higher substations
 - Transfer loads from valley substations to feed substations outside of flood area
 - Install additional switches on our distribution system to minimize the number of customers affected by proactive system de-energization actions
- Developing operational plans to de-energize at risk switches prior to water reaching live, exposed internal components (e.g., padmount switches or transformers)
 - Switching plan identified and distributed - triggered by flooding level
- Performed mock event drill on response plan on October 12



PSE's Snoqualmie Falls generation substation is submerged in water during the January 7, 2009 flood. While a designed barrier protects the transformer, the substation damage included wet equipment, silt and erosion that undermined the site. ©PSE

Data system

PSE relies on service providers in the valley for voice, Web, and print services. In low flow flood situations, impacts will be minimal. In the higher flood flow situation, 911 calls, 1-888, PSE.com and print services could be impacted. Our planning efforts include:

REDACTED

PSE RESPONSE – DURING THE FLOOD
(begins 48 hours prior to arrival of flood waters)

PSE is leveraging our relationship with the National Weather Service (“NWS”) to receive advance notice of predicted weather events. NWS is sensitive to the potential for flooding in the valley and is on point to provide early forecast information that may provide early notification of rain conditions that could lead to flood. PSE hydrologists are also focused on monitoring the Green River to provide as much early warning as possible in addition to the 4-6 hours of advance notice provided by the Corps and local officials to evacuate. Once notified, PSE will utilize existing internal communications tools to spread information and engage response teams.

Natural Gas Operations

Objective: Safety is the number-one priority for both the public and employees. Keep the natural gas system pressurized and operational during a flood. To the extent possible, limit post-flood restoration efforts to repair of submerged meters and relight of customer pilot lights.

- Shut off [REDACTED] and remove electrical components
- Shut off gas service, as necessary, to mobile homes
- If an evacuation is declared, access to equipment may be restricted
- Incident command centers established on both east and west hillsides overlooking the valley area
- Local area coordination site will open at the corporate office in Bellevue. Site will also house electric operations for coordinated response during flood and ensuing restoration efforts
- Emergency operations center will be operational and assist in resource acquisition and communications
- Helicopter and boat patrols may be used to determine extent of damage caused by flood waters so appropriate level of resources can be on hand for restoration as flood waters recede

Electric Operations

Objective: Safety is the number-one priority for both the public and employees. Limit the extent of outages to areas directly impacted by a flood. Try to limit damage to electric equipment so that post-flood restoration efforts can be as quick as possible. Electric equipment with any “live-front” parts will need to be de-energized prior to the flood waters reaching the equipment.

- Incident command centers established on both east and west hillsides overlooking the valley area
- Local area coordination site will open at the corporate office in Bellevue; site will also house natural gas operations for coordinated response during flood and ensuing restoration efforts
- Emergency operations center will be operational and assist in resource acquisition and communications
- Open switch points to areas projected to be within the flooded areas to isolate local distribution lines (preparing the system for re-routing of power to minimize the number of customers impacted by a planned flood-related outage)
- Feeder circuit breakers will be opened to isolate feeder circuits (pro-actively de-energizing portions of the system)
- Substation circuit switches will be opened to isolate distribution substation transformers (to protect equipment)
- Transmission breakers will be remotely opened by SCADA to isolate entire distribution substations (to protect equipment from catastrophic failure and to protect overall transmission system integrity) if the Company is unable to manually open substation circuit switches safely due to rising flood waters
- Helicopter and boat patrols may be used to determine extent of damage caused by flood waters so appropriate level of resources can be on hand for restoration as flood waters recede

PSE RESPONSE, RECOVERY AND RESTORATION

PSE’s planning assumption is that responding to a flood in the valley will be a Level 1 or a Level 2 event, as defined by the Company’s overarching corporate Emergency Response Plan. PSE will capitalize on existing emergency response plans and adapt as needed, depending on flood conditions. We believe there is a high likelihood of concurrent storm restoration work in addition to flood response.

Restoration efforts will be dictated largely by the severity of the flooding. Safe restoration can only begin after flood waters recede, and evaluation of environmental conditions and inspections are complete. Restoration efforts will be slow as equipment is rehabilitated and customer premises repairs and inspections are completed.

Our priorities are public and employee safety, and the restoration of community critical infrastructure.

FLOOD PREPARATION AND RESPONSE COST ESTIMATES

- Pre-flood:
 - System protection and mitigation: \$2-4 million
 - Equipment, facilities, inventories (3 years): \$2.5-5 million
- Flood response: \$2-5 million/day
- Repair and rebuild: Depends on damage

COMMUNICATIONS PLAN

Strategies

Communicate to employees, customers, government and community leaders, regulators, and the news media the business continuity measures PSE is undertaking to prepare for potential flooding in the Green River Valley, customer instructions regarding helping to safely protect their electric and natural gas equipment during a flood evacuation, and PSE's electric and natural gas system damage assessment and restoration process following a flood. Through all communications, stress PSE's commitment to working around the clock to protect the system and to bring service back to our customers as quickly as possible with our first priority always being for public and worker safety.

Maintain King County and jurisdictions as issue leaders and primary messengers of personal preparedness and flood information/resources for residents and business in the affected area.

Objectives

In the event of an evacuation order, ensure the majority of our customers have information about what they need to do regarding their electric and natural gas service prior to evacuating their home or building, and educate them on how to do so.

Demonstrate the steps PSE is taking to protect our electric and natural gas system, including employees and materials in the area.

Manage expectations regarding service restoration following a flood event to reduce customer confusion and frustration.

Provide customers, jurisdictions, regulators and the media with updates on restoration efforts.

Customer communications messaging and tactics

1. Demonstrate preparedness

a. Messaging

- Effective contingency planning and investments in system protection
- Track record for success in preparing and responding to major weather-related events
- Committed to leaving the lights on and the natural gas flowing as long as safely possible during a flood event(s)

b. Tactics

- Participation in King County and local jurisdictions emergency planning efforts
- One-on-one communication with Major and Business Accounts customers, government and community leaders, and regulators
- Presentations at community meetings, emergency preparedness symposiums
- Media response and outreach, including possible event to show PSE moving materials from South King
- Participation in King County “Take Winter By Storm” media campaign
- Articles in Friday Focus and on PSEWeb
- Special section on PSE.com under New and Notable section on the homepage to include fact sheet, customer communication materials, links to King County and local jurisdictions’ emergency planning Web sites
- Ask Andy blog article(s)
- Access Center messaging
- EnergyWise newsletter article
- Monitor traditional and social media sites, including Twitter posts

2. Inform and educate customers on what they should do with their electric and natural gas service if they are asked to evacuate

a. Messaging

- Please do NOT unnecessarily shut off your natural gas or electric service
 - a) Once off, do not turn natural gas service back on; for safety purposes, this must be done by PSE personnel or a certified technician
 - b) Electric service should remain off if flood waters appear to have submerged customer electrical equipment or wiring; actions by customers, or their electricians, along with State and local inspections, may be required before service can be safely energized
- Allow safe restoration as quickly as possible

b. Tactics

- Direct mail customer letter with instructions in several languages
- Create instructional videos in several languages and post on PSE.com and have King County and other jurisdictional Web sites link to information

- Media response and outreach, including possible events to show what customers should do if they are asked to evacuate
- Notices and advertisements in area media, including Reporter newspapers and KOMO community sites
- Access Center messaging
- When notified of a potential flood event: issue a news release to local media; broadcast via social media, such as PSETalk on Twitter.com; post a banner ad on PSE.com homepage with direct link to flood warning information, and restoration information

3. Manage expectations regarding restoration following a flood

a. Messaging

- Safe restoration can only begin after flood waters recede, authorities allow PSE to enter the area, and inspections of customer and PSE equipment are complete
- Work will likely take longer than normal due to environmental hazards and contamination
- We'll work non-stop until the lights are on and the natural gas is flowing
- First priority is public and employee safety

b. Tactics

- Include restoration information in customer letter
- Notices and advertisements in area media, including Reporter newspapers and KOMO community sites
- Access Center messaging
- Following a flood event: issue a news release to local media; broadcast via social media, such as PSETalk on Twitter.com; post a banner ad on PSE.com homepage with direct link to restoration information

Employee communications

1. Objectives

- a. Employees know what their roles are in the event of a flood
- b. Employees can explain to customers how PSE is preparing for the flood and what customers should do prior to an evacuation
- c. Employees who live in flood-prone areas are aware of the threat and where they can go for help in preparing

2. Tactics

- a. PSE has well-developed communication mechanisms to marshal its employees and other resources during an emergency. These mechanisms will be employed to implement PSE's plans for flood preparation, which are described elsewhere in this document.
- b. Increase awareness of the Operations Continuity Information line, which provides recorded updates on the status of PSE facilities and storm response efforts. Distribute a sticker with the number to every employee; publicize the number in the employee newsletter.
- c. Use Company media and supervisory communications to equip employees who are not emergency first responders with messages to customers regarding restoration of service following a flood.

- d. Use Company media to inform employees of:
- What PSE is doing to prepare for and respond to a flood
 - What employees in the flood zone should do to prepare themselves

COMMUNICATIONS ACTIVITIES

(Aug. 6 - October 2009)

Presentations to residents, businesses, government and community leaders, and media

Date	Event	Location	Attendees	Items Presented	Presenter
Aug. 6	Utilities Workshop hosted by PSE	PSE Auditorium	Public Works/CI owners	PSE's preliminary findings regarding impact of flood waters on our energy distribution systems	Mark Wesolowski
Aug. 26	King County Council	KC Council Chambers	King County Council; KC Exec's Office; PSE.	Briefing KC Council on status / preparation for Green River Valley flooding	Mark Wesolowski
Sept. 10	King County DOT	Seattle	King County DOT leadership (Tanaguchi, et al)	PSE's preliminary findings; discussion of planning coordination	Mark Wesolowski
Sept. 16	Utilities Workshop hosted by King County	King County ECC	Public Works/CI owners	Follow-on discussion from Aug. 6 meeting; added telcos and transit operators	Mark Wesolowski
Sept. 16	King County Committee of the Whole				
Sept. 17	Renton Chamber of Commerce Board of Directors meeting	Renton Chamber offices	Renton business leaders		David Namura
Sept. 23	Joint Chambers of Commerce Emergency Preparedness Symposium	ShoWare Center, Kent	Business representatives from Renton, Auburn, Tukwila and Kent	PSE's coordination and preparedness efforts, customer restoration information	John Campion
Sept. 26	City of Auburn 3rd annual community disaster preparedness fair				Kathy Johnson

Oct. 1	Building Owners and Managers Association emergency preparedness seminar	ShoWare Center, Kent	King County BOMA members	PSE's coordination and preparedness efforts, customer restoration information	John Campion
Oct. 1	King County Flood Awareness Media Event	Residential home in Auburn	Media (TV, radio and newspaper) and residents	PSE's preparedness efforts, public and personal safety	John Campion
Oct. 8	UTC Staff Update presentation	UTC Offices Olympia	UTC Staff	PSE's coordination and preparedness efforts, customer restoration information	Sue McLain, Mike Hobbs, John Campion, Greg Zeller, Harry Shapiro, Mark Wesolowski
Oct. 15	Presentations to the UTC by PSE, Williams and Olympic Pipeline	UTC Offices Olympia	UTC Commissioners	PSE's coordination and preparedness efforts, customer restoration information	John Campion, Greg Zeller, Harry Shapiro, Mark Wesolowski
Oct. 16	PSE Major Accounts Customer Meeting	PSE, Bellevue	PSE Major Account Customers	PSE's coordination and preparedness efforts, customer restoration information	George Pohndorf
Oct. 17	Public meeting on flood safety and efforts underway to protect people, businesses and property	Auburn Performing Arts Center 10 a.m. – 12 p.m. 700 E Main Street, Auburn	Green River Valley residents		Tentative
Oct. 24	Public meeting on flood safety and efforts underway to protect people, businesses and property	Auburn Performing Arts Center, 1-2 p.m. 700 E Main Street, Auburn	Green River Valley residents		Tentative