## Pre-Work Hazard Assessment (PWHA)

## **Work Description:**

**Work Location:** 

The scope of this Work may involve certain hazards requiring Contractor to implement controls to eliminate or mitigate personnel exposures. The hazards and hazard-producing activities checked below are anticipated as best as can reasonably be determined by Owner to be those with the potential to pose risks to safety and health during the Work. This list has been developed by Owner for its and Contractor's initial planning purposes only. No claim or representation is expressed or implied that it is comprehensive, all-inclusive, accurate, or complete, or that items not listed will not be present or pose no threat to personnel safety or health. If selected below, ensure that the contractor and contractor oversight reads and understands the applicable AEP Policies and Procedures.

	* May require site permit					** Referenc	e AEI	Cont	ractor Safety Site		
Work Activities											
	*Numerous, deep, or complex excavation or trenching*		] [	Diving operations				Special PPE Requirements			
	*Drilling, auguring, boring, or other soil disturbances in areas with congested buried utilities*	1 1 1 1		Prolonged work in tight or awkward locations (ergonomics)				Other items list below			
	Working over water			Cuttin	g: ** /	(nife Policy Requirements					
	Operating equipment under or near overhead power lines		]	_		lling, removing grating*					
	Crane use Tons Reach Lift ** - Rigging and Hoisting		]	*Dem	olition'	k					
	Multiple cranes operating simultaneously - ** - Rigging and Hoisting			Helicopter operations							
	*Exposed energized electrical lines or equipment **  Electric Lines and Equipment Clearance			Pile driving							
	Working at heights - ** Fall Protection Requirement FAQ			Water impoundment (dam, dike, etc.)							
	Scaffoldingft  **Gate Req/Suspended Scaffold Rigging/15' Procedure	☐ He			Heavy earth-moving equipment						
	Stacked work (i.e., working above & below)			*High pressure (air, water, steam, gas)*							
	*Permit-required confined space entry* #			*Clearance Permit* #							
	Explosive use/blasting			*Hot work* Including metabo use							
	Highly flammable gases or chemicals		] [	Arc Flash							
		Wc	ork	site C	ondi						
ᄖ	High water table, site subject to flooding, or heavy rains				Ц	Abandoned-in-place utilitie	s or	equipn	nent		
Щ	Contaminated soil or water				<u> </u>	Low lighting					
Щ	Congested work site					Vehicular traffic					
Щ	Adjacent activities:					Working around Moving/Operating/Energized Equipment					
	Combustible dust					Other items list below					
	High winds										
	Ice/snow/freezing temperatures										
	Rugged, uneven, treacherous terrain or site conditions										
	Animals/insects Spiders, scorpions, snakes, wasp										
		Hui	ma	n Pei	form	ance					
	First time evolution New/ Inexperienced Workforce Plan					Error Traps					
	Schedule ** "13 Day Rule " S&H T&C Section 3.8					Other items list below					
	Non-English Speaking Employees Bilingual Action Plan										
	Confusion/Mix-up potential (labeling, look-alike equipment, etc										
	Distractive environment										
	Environmental/IH										
	Arsenic**	LIIV	<b>711</b> (	J		IDLH atmosphere					
	Asbestos				=	Legionella/biological – circu	ulatin	g wate	er		
	Chemical Acid, Caustic, Ammonia					PCB					
	Cadmium**				=	Lead**					
	** Negative Exposure Assessment/Weld fume Specifics					Plants/Weeds					
	Heat stress				H	Mercury					
H	Hazardous Waste				H	Radiation (ionizing & non io	nizir	ng)			
H	Herbicide/pesticide				H	Silica cutting and drilling in			e will require dust control		
H	Hexavalent Chromium**					Welding Fume** (Welding,					
H	Anhydrous Ammonia**					Other items list below	Catt	Б, ы	azing i oney section		
H	Noise Current/existing db					Other Items list below					
屵	Noise created during work db			-	H						



Owner will use the Generation Guideline Implementation of Generation Contractor Supplemental Safety and Health Requirements to determine whether work requires the preparation of a WSHP. If a WSHP is determined to not be needed (per Decision Flow Chart), the selected contractor will be required to prepare a comprehensive Job Hazard Analysis (JHA) prior to starting work, in accordance with the Safety and Health Requirements. Owner, at its discretion, may waive the HASP requirement if all of the following conditions are met:

- 1. Low or Limited exposure to the following
  - a. Hazardous energy (such as electrical, pneumatic, hydraulic, etc)
  - b. Crane use or any rigging or hoisting
  - c. Excavation
  - d. Working at heights greater than 6' without primary fall protection (i.e., handrail)
  - e. Asbestos
  - f. Confined Space Entry
  - g. Lead or Heavy Metals, including fumes
  - h. Potential for high severity consequences
- 2. Contractor safety and health manual which adequately covers the scope of Work.
- 3. Contractor prepares a quality JHA for the Work.
- 4. Contractor demonstrates effective hazard control.
- 5. Contractor has an effective safety and health training program for its employees.

In accordance with the PWHA and the above guidelines, the contractor who will be selected to perform this work:

entirety may pre	pare a Health and Safety Plan (WSHP) pare a comprehensive Job Hazard Ana anagement approval (see below)	•	•
The WSHP and/or JHA(s)	shall be submitted to Owner for revie	w and discussion before Cont	ractor may start work.
AEP Rep. Signature:	Jason Garrett	Date:	
	· ·		
	ONLY REQUIRED IF	EXEMPT	
Name:			
Signature:			
Exemption Expiration Da	te:		

Note: Any contractor waived from the Safety and Health Requirements Rev 9 shall be done so in writing by the Facility Manager or Department manager (i.e. Plant manager, EP&FS section or department manager) or designee.

Services that could be considered for exemption may include;

ID	TYPE OF CONTRACTOR SERVICE					
1	AERIAL SURVEYING					
2	ASH SALES AGREEMENTS - Customer/Company has personnel reporting to a plant on a daily basis to perform service					
	contract duties associated with buying/selling Combustion Coal Products.					
3	ASH SALES AGREEMENTS - Customer/Company activities associated with Contractors entering plant on a short-term,					
	daily basis for work that could include the plant loading of customer/company trucks.					
4	ASH PICKUP BY LOCALS FOR BACKFILL OR BY COUNTY / CITY / STATE FOR USE ON ROADWAYS					
5	COPIER, OFFICE OR JANITORIAL SERVICE IN OFFICE OR SERVICE BUILDING					
6	ENGINEERING / DESIGN SERVICES					
7	ENVIRONMENTAL/GENERAL CONSULTING, MONITORING, AND/OR INSPECTING SERVICES INCLUDING SURVEYING -					
	Except for those activities that may disturb the earth through drilling, shoveling, and/or motorized vehicle traffic.					
8	DELIVERY, INSPECTION AND REPAIR OF RENTAL EQUIPMENT					
9	MATERIAL DELIVERY OR WASTE HAULING					
10	LAWN OR LANDSCAPING SERVICE					
11	ON SITE NURSING OR SECURITY SERVICES					
12	ROAD MAINTENANCE INCLUDING SNOW REMOVAL EXTERIOR OF PLANT MAIN GATE AND PAVING					
13	NO COST SERVICE AGREEMENTS TO ALLOW A VENDOR TO COME ONTO OUR SITES FOR A SITE VISIT, PRE-BID					
	MEETING, ETC.					
14	TRAINING PROVIDERS (ONSITE OR OFFSITE)					