

Rogelio Zavala

Power Plant Manager



Rogelio has 16 years of experience within power generation.

Starting as a Plant Engineer, Rogelio worked hands on with maintenance and operations personnel to maintain a high level of reliability and availability of aging units.

Rogelio was later promoted to Operations Superintendent of the Decker Creek Power Station. His major tasks were maintaining regulatory compliance and ensuring all personnel were adhering to operational procedures.

Currently, Rogelio is the Plant Manager for the Decker Creek Power Station.

SUMMER WEATHER PREPAREDNESS TRAINING

PUCT 25.55

DECKER CREEK POWER STATION

Rogelio Zavala,
Power Plant Manager



Summer 2026

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Decker Creek Power Station

Four Twin-Pac Gas Turbines Generators

- 200MWs
- Peaking Units
- Less than 10 mins to dispatch
- Black Start Units

25 Employees

- Engineers, Chemist, Instrument Technicians, Mechanics, Electricians, Operations

Power to approximately 50,000 homes.



SUMMER PREPAREDNESS

COMPLIANCE WITH PUCT
25.55

- Personnel Training
 - Annual review procedures, health and safety precautions
- Year-Round Activities:
 - Equipment inspections to ensure performance in extreme and normal weather
- Identify Critical Components
 - Update list annually
- Periodic Inspections:
 - Facility Equipment and Components

Summer Preparation

- Review and Update :
 - Staff Responsibilities
 - Summer Conditions Checklist (*Pre-Summer*)
 - Critical Equipment List
- Employee Training
- Check inventory
- Review Pre-Event Worksheet
- Emergency Operations

C. Summer Conditions Checklist

Work order: _____

DATE VERIFIED COMPLETE	NUMBER	ACTIONS	FOLLOW UP ACTIONS OR NOTES
	1	Verify ST1 transformer cooling fan are set to MANUAL operation and operational.	
	2	Verify GTMT1 and GTMT2 transformer cooling fans are set to MANUAL operation and operational	
	3	Verify vehicles are ready for summer operation (antifreeze levels, tire condition, battery, belts, hoses, etc.)	
	4	Check freeze protection panels to ensure that all freeze protection is turned off.	
	5	Open all ventilation wall louvers in the RO Buildings (14 & 14A). Keep the building doors open and lower solar screens.	
	6	Ensure that the electric heater breaker switches for the demineralizer building and chemical feed room are off.	
	7	Verify Water Injection Bldg electronic cabinet A/C system operating properly with clean filter.	
	8	Verify louvers at GT Air Start Compressor building are OPEN, roof vent fans are ON, and heaters are off.	
	9	Verify GT1 & GT2 control room A/C system operating properly.	
	10	Verify GT3 & GT4 control room A/C system operating properly.	
	11	Remove all portable space heaters and place in storage shed (water injection building, instrument air compressors, etc.)	
	12	Place all four GT Fogging systems back in service.	
	13	Check generator dampers and verify operability.	

Critical Components & Inventory

- ST1 transformer cooling fans
- GTMT1 and GTMT2 transformer cooling fans
- Water injection building electronic cabinet AC system and exhaust fan
- GT air start compressor building louvers
- GT air start compressor building roof vent fans
- GT1-GT4 control room HVAC
- Turbine building AC system: main AC, Unit 1 and 2 logic rooms HVAC, and SCADA room HVAC
- Turbine building instrument air compressor, including oil level and temperature indicators

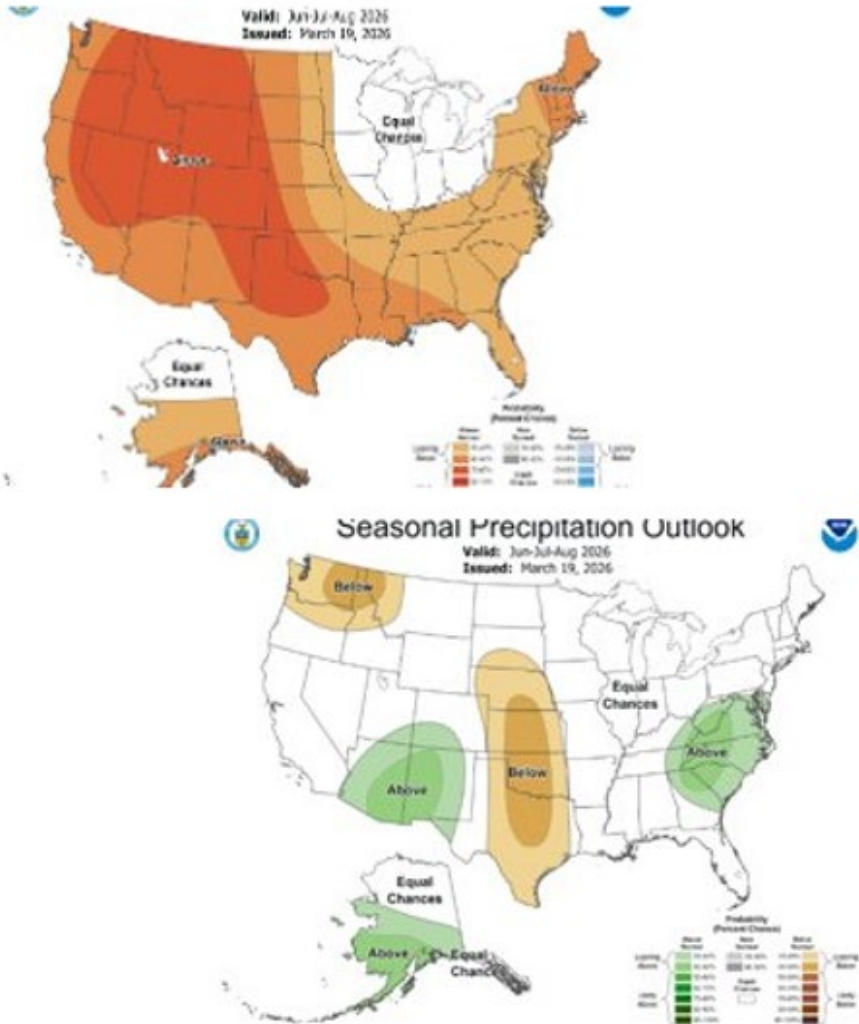
Warehouse inventory

- Oils & filters
- Water treatment chemicals
- Air filters
- Cooling fans & motors
- Coolant

Hot Weather Miscellaneous Equipment

Item	Location	Storage	Serial Number
Portable airconditioning	Ops Control Room	Ops Control Room	204CYTB7105
Mobile Evaporative Cooler	Ops Control Room	Ops Control Room	37V024861
Dehumidifier	Admin building	Admin Building	D205068180114A10201037
Dehumidifier	Admin building	Admin Building	D205042080213B07201051
Mobile Evaporative Cooler	Admin building	Admin Building	37V024868
Portable airconditioning	Admin building	Admin Building	202CYDG02434
Portable airconditioning	Ops Control Room	HVAC Room	340E70398011A2802J1442

Employee Training



- Overview of Regulations
- Review of all documents
- Preview of Forecast
- Attestations
- Records and Record Retention
 - No Evidence = Not Compliant

Monthly Inspections

Instructions: On a monthly basis (June 1st through September 30th) walkdown GTs to verify the integrity & functionality of hot weather critical components. Where failures are noted write a work order and mark as "Regulatory" when immediate repairs cannot be made. **Return this form to superintendent for upload into the Maximo work order and record keeping upon completion.**

Date	Area and Equipment	Initials
	Transformer Visual Inspections	
	Cooling fans on ST1 are in manual and operating	
	Cooling fans on GTMT1 are in manual and operating	
	Cooling fans on GTMT2 are in manual and operating	
	Water Injection Building	
	Verify water injection control panel A/C is operating	
	Verify exhaust fan is in operation	
	Generator Compartment	
	GT Generator room 1 Dampers	
	GT Generator room 2 Dampers	
	GT Generator room 3 Dampers	
	GT Generator room 4 Dampers	
	GT Control Rooms	
	Verify GT 1 control room AC is operating	
	Verify GT 2 control room AC is operating	
	Verify GT 3 control room AC is operating	
	Verify GT 4 control room AC is operating	
	Air Start Compressor Building	
	Verify roof vent fans are in operation	
	Verify louvers are open	
	RO Building	
	Verify all doors are open and screen lower	
	Turbine Building	
	Verify main AC is operating	
	Verify unit 1 logic room AC is operating	
	Verify unit 2 logic room AC is operating	
	Verify SCADA room AC is operating	
	Inspect instrument air compressor oil levels and operating temps	

- Completed Monthly between June 1st and Sep 30th

Summer Pre-Event Worksheet

- ERCOT can issue an Extreme Weather Advisory that triggers this checklist completion

Decker Creek Power Station		
Use this worksheet after receiving Extreme Hot weather related ERCOT OCN or emergency notice and/or when deemed necessary by Plant Manager or the designated senior operations personnel and/or when a Weather Emergency is declared by ERCOT.		
OPERATIONS INFORMATION		
Date:	Name:	
FORECAST CONDITIONS > USE NOAA >	AUSTIN-BERGSTROM INT AIR/HOURLY FORECAST	
High temp in F°: *	Humidity at 17:00: _____ %	Extreme heat OCN duration? *
OCN dates: __/__/__ to __/__/__		
*If OCN/NWS forecast projects high temperatures above 105° F for a period of more than five (5) days in a row perform the following activities:		https://forecast.weather.gov/MapClick.php?lat=30.1945&lon=-97.6699
COMMUNICATION & ALIGNMENT <input type="checkbox"/>	OPERATION STAFFING <input type="checkbox"/>	MAINTENANCE STAFFING <input type="checkbox"/>
Communication check w/ RTD & ECC	Two (2) Operators	Verify full/normal staffing levels
Communication with MX dept. super	Ops night-shift crew _____, _____	Request on-call personnel for after hours, if necessary
Communication with AE Electrical regarding their staffing and A/C equip status	Ops night-shift crew _____, _____	Request assistance from SHEC, if necessary
	Ops day shift crew _____, _____	
	Ops day shift crew _____, _____	
CRITICAL COMPONENTS/EQUIPMENT <input type="checkbox"/>	CHEMISTRY & SUPPLIES <input type="checkbox"/>	TRANSFORMER FANS (ST1 , GTMT1 & 2) <input type="checkbox"/>
Review equipment status board	Verify adequate supply of critical chemicals	Verify all fans in operation
Review any out of service equipment	Review chemical delivery schedule	On and in "manual"
Communication with AE Electrical about staffing and A/C equip status	Verify adequate supply of bottled water	

Emergency Operations Plan

- Covers PUCT Rule 25.53
- Outlines Generator response to Emergency situations onsite including:
 - Weather
 - Fire
 - Evacuations
 - Black Start
- Defines Roles and Responsibilities

Thank you

Contact:

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Questions?



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