Power Production

Strong Performance……
Despite Unique Challenges

Quarterly Commission Briefing 7/14/2020

Powering our way of life.
Fulfilling Our Mission
Champions of Safety … Guardians of Power

• Purpose: Provide safe, secure, economical, reliable and compliant power generation under the Priest Rapid Project Federal Energy Regulatory Commission (FERC) License Project No. 2114 while supporting the Wanapum relationship.

• Goal: Execute the aforementioned tasks while championing a culture of safety and operational excellence with continuous focus on the guiding values of safety, innovation, service, teamwork, respect, integrity, and heritage.
Acronym List

One Playbook

- PP – Power Production
- HPI – Human Performance Improvement
- PRREIP – Priest Rapids Right Embankment Improvement Project
- JHA – Job Hazard Analysis
- WMC – Wanapum Maintenance Center
- ICL – Incident Criticality Level
- PR – Priest Rapids
- WAN – Wanapum
- PRP – Priest Rapids Project
2020 Q2 Assessment
Continuous Improvement

Key Operational Metrics
• Safety Execution
• Plant Performance
• Budget Analysis

Short & Long Term Focus
• Maintenance Health
• Maximo Update
• Capital Projects
• Strategy Deployment

Team & Next Quarter
• Personnel
• Q3 Forecast
Safety Champions

Impact of COVID - 19

Need to Improve Virtual Capabilities

Accelerating Management On-Site

Job Site Reviews
Working Towards Zero Harm
Focused in the Current Environment

- Q2 Recordable incidents: 1
- Q2 Vehicle incidents: 0
- COVID-19 Response
  - Administrative positions – working remotely
  - Field positions
    - Moderate ICL - ~80% working on site
    - Severe ICL - ~40-50% working on site
  - Mask use – employees adapting
  - Management – encouraged to get into field to perform JSR’s and support field employees

Data as of 6/23/2020
Plant Performance

Availability Estimate vs Actual

Continue to Exceed Target
Plant Performance

Project Forced Outage Factor

Managing Unplanned Outage

Goal <.43%
Actual
YTD Percentage

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
# 2020 Budget Performance

YTD through 6/23

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<th>Budget</th>
<th>Actuals as of 5/31/2020</th>
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<th>% of Budget Spent</th>
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### Plan Our Work... Work to Plan

#### Prioritizing Deferred Projects

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<th>Maintenance Center</th>
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<td>1. Small Hydro 6 Month+ Impact PMs</td>
<td>1. 6 Month+ Impact PMs</td>
<td>1. 6 Month+ Impact PMs</td>
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<td>2. Safety Improvements</td>
<td>2. Safety Improvements</td>
<td>2. Safety Improvements</td>
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<td>5. Wanapum Unit Standardization</td>
<td>5. Substation Switchgear (2021)</td>
<td>5. P04 Unit Overhaul</td>
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<td></td>
<td></td>
<td>6. Substation Switchgear (2021)</td>
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</table>
Leveraging Maximo Platform Upgrade Proceeding

- Maintenance Health
  - Migrating processes to Wan/WMC
- Scheduling Software / Resource Loaded Schedules
  - Starting in Engineering
  - Moving to other groups
  - Will implement as Strategic Project Changes are Made
- Other Improvements
  - Inventory Upgrades – On-Hold Due to COVID-19
Capital Project Update
Investing in Assets

Priest Rapids Right Embankment Improvement Project

- Planned Start: 4/1
- Actual Start: 10/27
- Delays Due to Final Permitting; Permission to Access Yakima Training Center
  - Change Order Already Approved to Accommodate the Delay
- IMCO Cooperation
- Wanapum Unit Upgrades & PR Unit Rehab
  - Some Delays – COVID-19 Work Adjustments
- Other Projects – Proceeding
2020 Strategy Deployment
Refocusing Timeline and Implementation

Safety
• Improve Quality in Hazard Recognition

Compliance
• Develop Method to Measure Compliance Health

Operational Performance
• Develop & Use Resource Loaded Schedules

Organizational Health
• Improve Communication Vertically & Horizontally in PP

Next Steps
• Mid-Year Review - Early July
• Adjust Targets for Each Goal for End-of-Year
• Redeploy Under New Plan
• Develop 5 Year Strategic Plan for PP
Personnel
Promoting From Within

Dam Safety
• Brandon Little – Chief Dam Safety Engineer

Plants
• Ben Pearson – Plant Manager (was interim)
• Mindy Johnston – Operations Supervisor (was interim)
• Supervising Foreman for Wan, PR

Maintenance Center resource plan
• Use of Maintenance Center resources after last Wanapum upgrade – expected 8/30.
Q3 Forecast
Staying Focused on Safety & Efficiency

- Reschedule/Adjust
  - Strategy Deployment Work
- Improve
  - Ability to Schedule work by Criticality
  - Emergency Preparedness
- Personnel
  - WMC Crew Work Changes
  - Integrate Supervising Foreman in Plant Processes
  - Transition Human Performance Manager to COO Team

Continue Efforts at Managing COVID-19 Effects
Powering our way of life.
Schedule Adherence

Successes
- COVID-19 Effects
- Schedules Produced Remotely by Planners
- Scheduling Improvements at PR Spread to Wan, WMC
- Focus on WO priority as Incident Criticality Changes.

Challenges
- Lots of change!
- Less work being done due to COVID-19
COVID-19 Effects
- Less Work Being Done
- More Break in Work
- Difficulties in Scheduling Work

Highlight Scheduling Needs
## YTD Budget Performance
### Deferred Spending Due to COVID -19

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- The graph illustrates the budget performance for different categories, comparing actuals and budget for the year-to-date (YTD).
- Deferred spending due to COVID-19 is evident across all categories.
- The total actual spending is significantly lower than the budgeted amount, indicating cost savings due to the pandemic.
Grant PUD Lands & Recreation
2020 Q3 Business Report
Departmental Purpose and Goal

- Lands & Recreation manages Priest Rapids Project lands and recreation facilities, and provides company-wide real estate and geographic information system (GIS) services in alignment with Grant PUD’s safety, financial, and compliance goals.
Q2 Business Review

• **Safety**
  - Recordable incidents = 0
  - Non-recordable incidents = 0
  - Safety meeting attendance = 100%
  - Job Briefs = 41
  - Job Site Reviews = 6

• **Regulatory Review**
  - FERC filings by Grant PUD = 6
  - Filings by third-parties = 1
  - FERC approvals/orders/notices = 3
  - Summary/listing of major filings:
    - Notification of Grant PUD recreation facility closures
    - Notification of Grant PUD recreation facilities partial re-openings
    - Request and FERC approval of delaying recreation monitoring studies to 2021
    - Request and FERC approval of delaying renovation of the Wanapum Lower Boat Launch to 2025
Q2 Business Activities

- **Property Services support**
  - Wholesale Fiber – Easement acquisitions and permitting for current and outyear projects
  - Power Delivery – Land and easement acquisitions, property appraisals, and permitting for DB2 projects and Quincy and Moses Lake transmission expansions
  - Power Production – Easement acquisitions, agency agreements, and permitting for Priest Rapids Right Embankment Stabilization project
  - Internal Services – property assessments/appraisals and lease negotiations

- **GIS support**
  - Wholesale Fiber - mapping and analysis for grant funding
  - Power Delivery - Esri GIS conversion project
  - Power Production - Dam Safety field data collection; Fish & Wildlife publications and Priest Rapids Right Embankment Stabilization mapping; Environmental Affairs data collection and analysis, mapping, and signage
Q2 Business Activities

• **Shoreline Management**

  • Sunland shoreline windstorm cleanup

  • Ongoing encroachment activities (yurt, retaining wall, excavation, etc.)

  • Commission approval of Public Recreation Development Plans for Columbia Cliffs, Crescent Bar, Desert Aire, Sunland, and Vantage

  • Implementation of Columbia Cliffs Land-Use Authorization (annual fee billing, monitoring, signage placement, etc.)

  • Development of Riverstone Marina and Quilomene Yacht Club land-use authorizations

  • Issuance of land-use authorizations for wells and pumps, mooring buoys, etc.

  • Reviewing requests for new docks at Columbia Cliffs and Sunland
Q2 Business Activities

• Parks and Recreation
  
  • Ongoing COVID-19 response actions prioritize employee and public safety
  
  • Recreation facility closures on March 19 and March 25
  
  • Partial recreation facility re-openings:
    
    • May 8 – All Project boat launches and minimum number of restrooms
    
    • June 1 – All Project campgrounds, Crescent Bar trail, beaches, picnic areas, marina and fueling station, golf course
    
  • Continued closures: Crescent Bar playground area, Wanapum Heritage Center, Wanapum Dam Visitors Center, and all special events (e.g., fireworks shows, weddings, reunions, etc)
  
  • Operating and maintaining open facilities, working with Security to ensure COVID-19 mitigation measures are adhered to
Q3 Business Activities

• GIS, Property Services, Shoreline Management
  • Ensure business continuity by prioritizing real estate/GIS support of Power Production/Power Delivery/Wholesale Fiber projects
  • Resolve existing shoreline encroachments and continue monitoring for new ones
  • Install public signage at Columbia Cliffs
  • Revise Shoreline Management Plan Procedures and Standards Manual
  • Complete processing of Riverstone Marina and Day-Use Area and Quilomene Yacht Club land-use authorizations
  • Succession planning
    • Staff training/cross-training
    • Continue development of electronic record-keeping system for historical Project lands information
Q3 Business Activities

• Parks and Recreation
  • Ensure safety of field crew/staff when operating and maintaining recreation areas
  • Monitor recreation areas and take actions necessary to minimize COVID-related risks
  • Complete license-required recreation monitoring activities (surveys delayed to 2021)
  • Complete Crescent Bar trailer replacement project
  • Award contract and complete replacement of fire-damaged Buckshot Recreation Area facilities
  • Complete designs and coordinate internal labor for Wanapum Upper Boat Launch float replacement project
  • Complete designs and permitting for PRRA dredging/erosion stabilization project
  • Complete transition of Lands Specialist duties
Q3 Forecast

• Safety Goals
  • Non-recordable incidents = 0
  • Recordable incidents = 0
  • Safety meeting attendance = 100%

• Regulatory Outlook
  • Anticipated FERC filings = 0
  • Anticipated FERC approvals = 0
  Any regulatory threats or risks = none known/anticipated
# 2020 Budget to Actuals

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Questions?
Enterprise Risk Management Update

July 14, 2020
Team Structure

Enterprise Risk Management Team
(Paul Dietz)

Damage to District Claims Management (Tina Sisich)
Insurance & Project Risk Management (Brianna St. Marie)
Operational Risk Management (Leah Knopp)
Quantitative Risk Management (Bryndon Ecklund)
Second Quarter Successes

- Risk Team Development
- Singles and Doubles over Upcoming Quarter
- Great Start to Our Stand-up of the Front – Mid – Back Office Risk Management model:
  - Provides key policies and risk controls
  - Delineates roles and responsibilities
- Brianna St. Marie's training in Insurance is progressing well.
- We are now six weeks into Bryndon Ecklund's modeling training
COVID-19 Modeling

• Extensive ongoing modeling has been occurring since March 6th and will continue as the crisis evolves
• Participation in Incident Management Team and Executive Briefing Team
• Participation in Systems Analysis Task Force
• Participation in Business Continuity Team
• Developing processes for tracking FEMA related costs
• Reviewing the effects of COVID-19 on expected GCPUD retail loads
Insurance Update

- Starr Property Risk Assessments – On-site visits will likely occur in late Summer for Wanapum & Priest Rapids
- Cyber Insurance – Met with Brokers to review quotes however, we are waiting on some clarification to questions
- 2020-2021 Insurance Renewal – Estimated 12-20% increase in total insurance premiums due to high payouts across industry; Strategy meeting with brokers is scheduled for July
- Worked with the Lands Department to include disease transmission and illness to the indemnification language for all recreational agreements
Operational Risk Update

Continuous Training:

- LogicManager – This platform will be used as a tracking tool to identify risks and controls across the District
- Root Cause/Corrective Action Plan – 4-day training attended by Operational Risk Management Lead

Projects:

- Vehicle/Equipment usage for Contractors and Employees
- Turbine Upgrade Analysis
- Security Upgrade Analysis
Energy Risk Management Policy Implementation Update

• The ERM has been received by key personnel covered by the policy and Risk is in the process of collecting required employee acknowledgements

• Market & Portfolio Risk Modeling has been incorporated into EROC Processes

• The ERM team has been working to design and implement our Model Register and our Critical Input and Assumption Roster (CIAR) to help us to identify and better manage model risk

• Implementation of ERM will occur through the remainder of 2020
Near-Term Look Forward

- Continue Risk Team Development
- Singles and Doubles over Upcoming Quarter
  - Insurance Renewal
  - Power BI Reporting
  - Model Risk Register
  - Project Risk Assessments for all projects over $1mm
- Continue Standing-up of the Front – Mid – Back Office Risk Management model:
  - Provides key policies and risk controls
  - Delineates roles and responsibilities
- Continue Development of Operational Risk Management capabilities
Medium-Term Strategic Plan

• Increase Risk Awareness and empower employees to identify themselves as risk owners through direct contact, site visits, risk projects, etc.

• Provide resources to risk owners to enable growth of risk understanding, change risk ownership/management behavior, and promote mitigation of risks through establishment of risk controls.

• Develop and extend our Risk Library using Logic Manger

• Develop and leverage strong ties between related departments including Legal, Internal Audit, Safety, Physical Security, CIP, Corrective Action Team

• Insurance Renewals and Process Improvements

• Market & Portfolio Risk Communication & Reporting
Long-Term Strategic Vision

• Risk – The Effect of Uncertainty on Objectives
  • Provide Stable and Predictable Long-Term Rates
  • Maintain a Strong Financial Position
  • Operate Responsibly and Safely

• Risk Management - Coordinated Activities Intended to Direct and Control GCPUD's Risk

• Development of Risk Management Framework

• Implementation Plan

• Care and Feeding

• Review and Enhancement
GCPUD ERM: Budget June

- The Risk Department budget is dominated by insurance premiums
- Based on June 2020 Actuals

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Powering our way of life.
Reliability Compliance Program

NERC Audit – August 10th – 21st 2020

T-28 days
GCPD Reliability Org Structure

Reliability Council (CXOs)

Reliability Compliance Program

O&P Standard Owners/ SMEs

CIP Program Lead

CIP Standard Owners/ SMEs

Cyber Security
Physical Security
Network Operations
System Support;
EMS GMS EACM
PACS
HelpDesk
HR, Training
Procurement

Engineering – PP, PD
Operations – PP, PD
Craft & Technical
Shops

Grant County PUBLIC UTILITY DISTRICT

NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION
COVID-19   NERC Response

FERC/ NERC/ WECC– Industry Guidance

…the Regulator said it “will use its discretion…(and) consider the impact of the coronavirus outbreak in the Entity’s ability to comply with Reliability Standards.”

1) The effects of the coronavirus will be considered an acceptable basis for non-compliance with obtaining and maintaining personnel certification…

2) The effects of the coronavirus will be considered an acceptable reason for case-by-case non-compliance with Reliability Standard requirements involving periodic actions…

3) Regional Entities will postpone on-site audits, certifications and other on-site activities at least until July 31, 2020.

[Extended to September 7, 2020]
Why an Audit

Why a Triennial Audit?

“Functional Model” and “NERC Rules of Procedure”

Certified Function; Balancing Authority (BA) and Transmission Operator (TOP)

Required by law – Triennial on-site audit for RC, BA, and TOP

GCPD is also – TO, GO, GOP, TP, RP, DP

The Timeline

August – Annual release of Audit Schedule

‘Inherent Risk Assessment’ – 180-days before Audit

WECC Review of GCPD’s Compliance History

‘Compliance Oversight Plan’ – WECC to GCPD

‘Notice of Audit’ – 90-days before Audit

Submit Audit Documentation – 30-days before Audit

Two-week Audit engagement – off-site and on-site

Final Report – 30-days after the Audit Close
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- The Reliability Standard
- Implementation Documentation
- Evidence of Compliance
- RSAW – Reliability Standard Audit Worksheet
What’s in an Audit

Protection System Maintenance Program

PRC-005-6 “PSMP”
## 2020 Audit Scope

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<td>Will Coe, Chris Heimbigner</td>
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<td><a href="mailto:Lpatterson@gcpud.org">Lpatterson@gcpud.org</a>, <a href="mailto:Mstussy@gcpud.org">Mstussy@gcpud.org</a></td>
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<td><a href="mailto:Jjohns2@gcpud.org">Jjohns2@gcpud.org</a>, <a href="mailto:Ijones@gcpud.org">Ijones@gcpud.org</a></td>
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<td>Matthew Truscott, Dennis Chesnakov</td>
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<td>Jennifer Booth, Mike Stussy</td>
<td><a href="mailto:Jbooth@gcpud.org">Jbooth@gcpud.org</a>, <a href="mailto:Mstussy@gcpud.org">Mstussy@gcpud.org</a></td>
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‘Potential Non-Compliance’ Violations

Self-Reported PNCs are:
- The Least Aggravated form of Violation Discovery

15 Self-Reported PNC’s over Audit Period
- 2 Audit PNCs – 2017 (Closed)
- 1 Self-Report – 2018 (Closed)
- 10 Self-Reports – 2019 (In Review WECC)
- 3 Self-Reports – 2020 (In Review WECC)

16 Self Reports
NERC Audit Readiness – Key Dates 2020

- **GDS Internal Controls Eval**
  - **May 18th – 21st**

- **GDS Final Docs QA Review**
  - **June 25th – July 6th**

- **Final Docs to WECC**
  - **July 10th**

- **Data Requests Begin**
  - **July 10th**

- **GDS Training – Audit Interview**
  - **July 20th – 24th**

- **Off-site Audit**

- **On-site Audit (Virtual)**
  - **August 10th – 14th**
  - **August 17th – 21st**
# Reliability Compliance

## Budget to Actual

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<th>2020 Budget</th>
<th>Q2 YTD Budget</th>
<th>Q2 YTD Actual</th>
<th>YTD Variance Fav/(Unfav)</th>
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<td>653,637</td>
<td>360,239</td>
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*June 11, 2020 Compliance Cost Center - FF3000*
Today’s Agenda

- Background on Slice sales
- Replacing current Wholesale Services Slice (WSS)
- Work with Winning Bidder for WSS
- Current WSS Contract
- Quick update on remaining 20% of District Share
- Slice Timeline
- Questions
Why Slice Sales

Why Grant enters into Slice Sales?
• Consistent with Strategic Plan Objectives:
  • Maintain a Strong Financial Position
    • Convert volatile hydro revenue into steady and predictable earnings
    • Stability favored by bond rating agencies
    • Insulates Grant from generation variability (operational risk)
  • Provide Long Term Low Rates
    • Increase expected value from ancillary and green attributes
Hedging Water Risk with Slice Sales

- Reduce quantity (water) risk
  - Most volatile and most difficult risk to hedge against
  - Historically Grant has received value of “average” water over term
  - Energy “buy-backs” allow Grant to meet load with firm energy

- Capture premium from ancillary services and non-carbon attributes
  - Premium amount above value of expected shaped energy
  - Counterparties have more assets available to capture these values (primarily transmission to California)
Historical Volatility in Water Years

Jan - Jul Total KAF at GRAND COULEE DAM

Reduction in Water Risk

Yearly Energy Production from PRP

27.31% Open Vs. 63.31% Open

Slice 63.31% of PRP

Slice 36% of PRP

No Slice of PRP
Maximize value from ancillary and green attributes

- Active market participants can better maximize the value and are willing to pay for it
Current Slice Contracts (as of 7/14/2020)

- Current WSS – 53.31% Slice
  - 5-year term (Oct 2015 – Sept 2020)
  - Slice contract includes Short-term marketing and scheduling services

- Current 10% Slice
  - 3-year term (Jan 2019 – Dec 2021)

Grant has 63.31% Share of Physical Output of the Priest Rapids Project
Replacing current WSS

- Two Key elements in the current agreement that needed to be replaced:

  - Short-Term Wholesale Energy Services
    - Real-time scheduling, marketing and load balancing
    - Day ahead scheduling and marketing

  - Grant’s Physical Output from PRP (53.31%)
    - Slicing out remaining output from PRP
Results of RFP Process

- Three Phase RFP Process
  - Phase 1:
    - Determine type of slice (combined short-term services with physical slice)
    - Determine size of slice (33.31%)
    - Determine duration of slice (5-years)
  - Phase 2
    - Narrow down bidders to top 2 (from 6)
  - Phase 3
    - Determine top bidder (currently finalizing the contract with Winning Bidder)
Work with Winning Bidder

- Winning Bidder is using a Supporting Company for help in Short-Term Services
  - Supporting Company is currently managing 2 Balancing Areas in WECC
  - Supporting Company currently manages Winning Bidder’s wind assets

- Contract work with Winning Bidder
  - Used the WSS Contract as the initial template
  - Extensive legal review from internal and external council
  - Bond and tax attorney review
  - Large internal stakeholder reviews
    - Finance
    - Accounting
    - Power Production
    - Dispatch
    - Control Systems Engineering
    - Financial Planning and Analysis
    - Power Delivery
    - Large Customer Care
    - Risk
    - Environmental Affairs
    - External Affairs
Winning Bidder and Supporting Company are currently working with our Control System Engineers on data communications

- Real-time and hourly information
- Load forecast data

Supporting Company and Grant (Wholesale and Dispatch) are refining operating protocols for administering the slice contract

Parallel operations scheduled between Winning Bidder / Supporting Company and Shell Energy for 3 weeks

- Allow Winning Bidder and Supporting Company opportunity to learn Grant’s system
- Work out issues with forecasting, scheduling and real-time operations
Winning Bidder Contract

• Pooling Agreement
  • Each party is selling a Product that are Approximately equal in value

• Winning Bidder Product
  • Supply real-time load
  • Supply Contract energy each month to help meet load
  • Provide short-term energy scheduling services
  • Take on Risk
    • Water
    • Some Operational

• Grant’s Product
  • 33.31% of Priest Rapids Project (PRP)
    • 53.31% for Oct-Dec of 2020
  • Capacity
  • Ancillary Services (Flexibility)
  • Non-carbon attributes
    • Grant has claw back provisions (at a cost) if legislative action requires non-carbon energy to meet load
Monthly Metrics

- Same as in the current Contract, a set of five (5) Metrics will be administered each month as “True-ups”
  
  - **These Metrics designed to mimic District’s cost/benefits without the contract**

- The five (5) Metrics that will be evaluated each month:
  
  1. Actual vs. Contract “Load”
     - “Load” is an hourly obligation met by Winning Bidder that is based on the District’s Load
  
  2. Actual vs Forecasted unit outages
     - We gave Winning Bidder an outage forecast for 5-year (including PR turbine/generator upgrades)
  
  3. Actual vs Forecasted Fish Spill
  
  4. Actual vs Forecasted Rock Island Encroachment
  
  5. Actual vs Forecasted Canadian Entitlement
Load Metric Example

- Simplified Load Metric Example*

Load is broken into hourly values and Grant receives/pays dollars for load below/above forecast

May 202X** Contract load (MWh) = 400,000
May 202X actual load (MWh) = 350,000
Variance (MWh) = 50,000

Average May Price ($/MWh) = $10.00

Load Payment from Shell for May = $500,000

* Actual Metrics are broken into each hour and multiplied by the average price for those hours.

** Load for example purposes only.
What is NOT part of the Contract

- Grant continues with normal Balance Area and hydro operations
  - Winning Bidder SHALL follow all Directives from the Grant BA
  - Winning Bidder DOES NOT make unit outage / maintenance decisions

- Grant remains responsible to meet all regulations and requirements for WECC, fish, etc.

- Grant retains ability to manage load variability
  - We can still purchase and sell energy to meet our changing load
Remaining 20% of District Share

- Indicative RFP Process Finished
  - Currently working on Contract with winning counterparty
    - Slice for 20% of PRP
    - Term will be 3-years
    - Contract begins on 1/1/2021
    - Will “buy back” energy to help meet load
    - Contract will be similar to current 10% Slice Contract
Slice Contracts post 2020

- Proposed Slice – 33.31% Slice
  - 5-year term (Oct 2020 – Sept 2025)
  - Slice contract includes short-term marketing and scheduling services

- Current 10% Slice
  - 3-year term (Jan 2019 – Dec 2021)

- New 20% Slice
  - 3-year term (Jan 2021 – Dec 2023)

Grant has 63.31% Share of Physical Output of the Priest Rapids Project
Slice Timeline

- **7/14/2020**
  - Commission Update on proposed 33% WSS Slice (today)
- **7/28/2020**
  - Commission review of proposed Winning Bidder Contract
- **8/11/2020**
  - First opportunity for Commission to approve Winning Bidder Contract
- **9/8/2020**
  - Parallel operations start between Shell and Supporting Company
- **9/30/2020**
  - Winning Bidder / Supporting Company take over Wholesale Service operations
- **10/31/2020**
  - Deadline for execution of Contract for 20% Slice Output (execution may happen prior to this date)
- **1/1/2021**
  - 20% Slice Output starts