

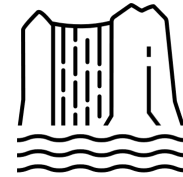
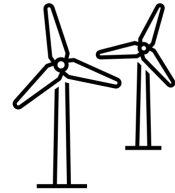
Municipal District of Pincher Creek

Renewable Energy Conversion Systems Review

Agenda

1. Review existing projects
2. Review transmission infrastructure
3. Review proposed projects
4. Review Alberta municipal bylaw examples
5. Review Provincial restrictions
6. Review local tax income from renewable energy
7. Recommended next steps

Existing Renewable Energy



Total Projects

9

1

1

Capacity (MW)

511

32

10

Generators

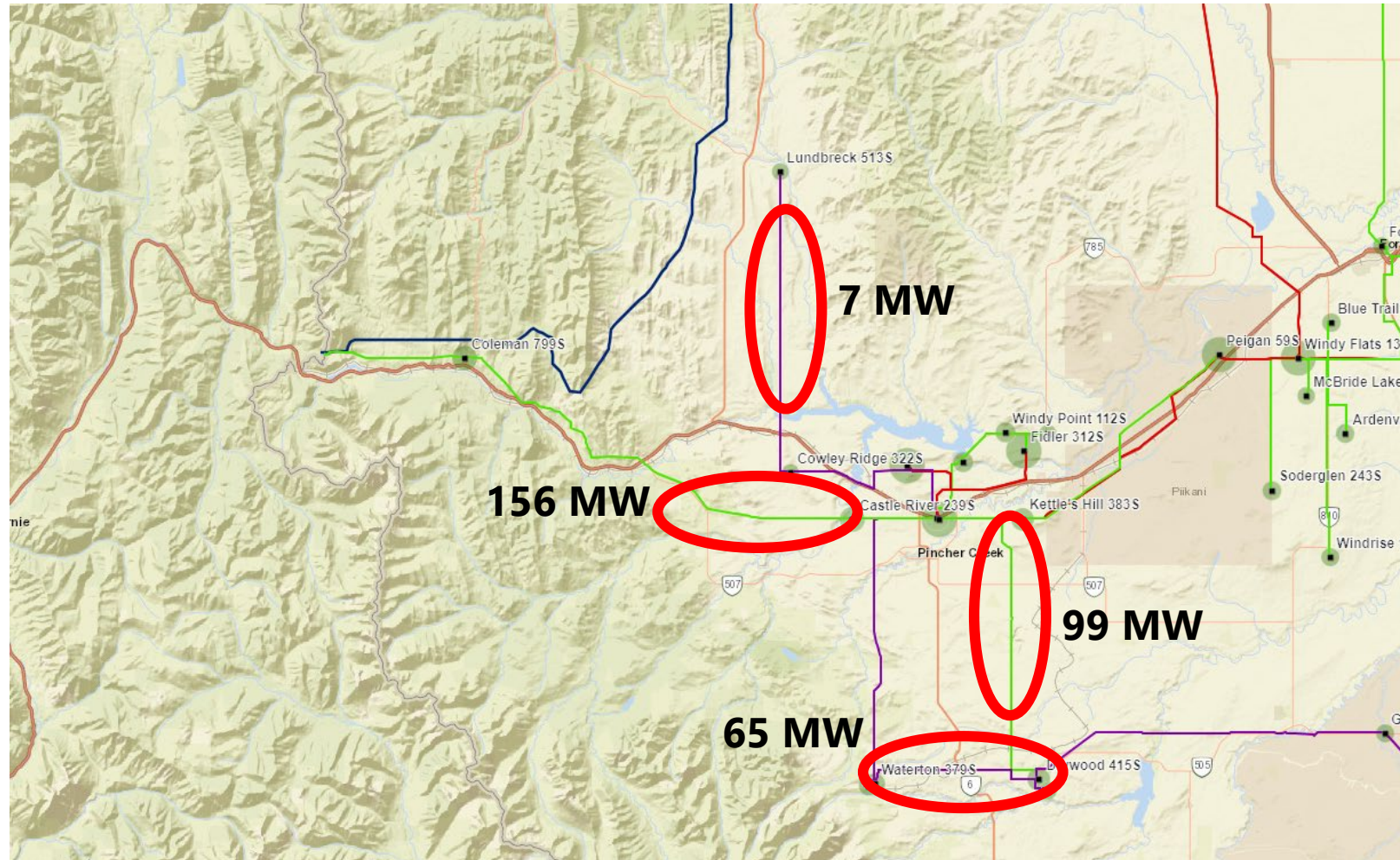
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2

1

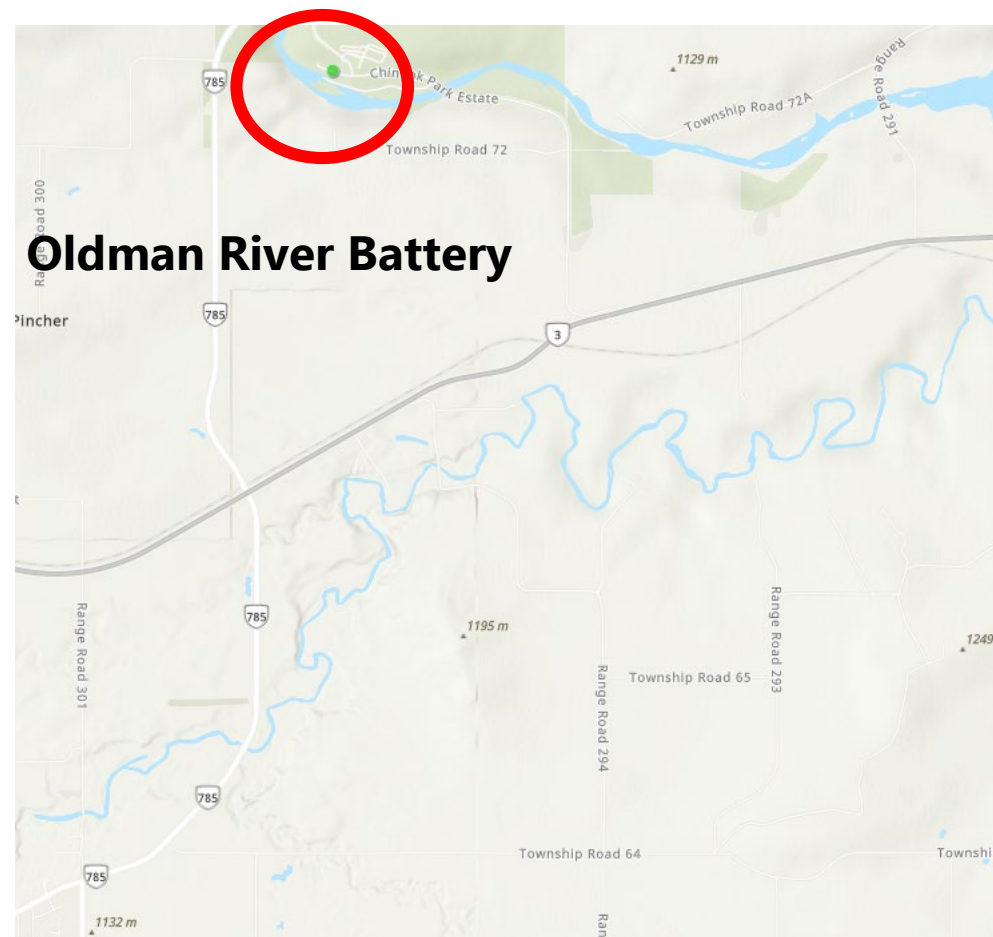
Local Transmission Infrastructure

- 69 kV
 - 6 circuits
 - 7 – 65 MW hosting
- 138 kV
 - 7 circuits
 - 17 – 156 MW hosting
- 240 kV
 - 5 circuits
 - 350 MW hosting



Proposed Projects

- 1 project in queue
 - Oldman River Battery
 - Stage 2 of AUC application
- 1 project canceled in 2024
 - Sunrise Solar



Bylaw Review



Jurisdictions reviewed

7



Potential Updates Identified

17

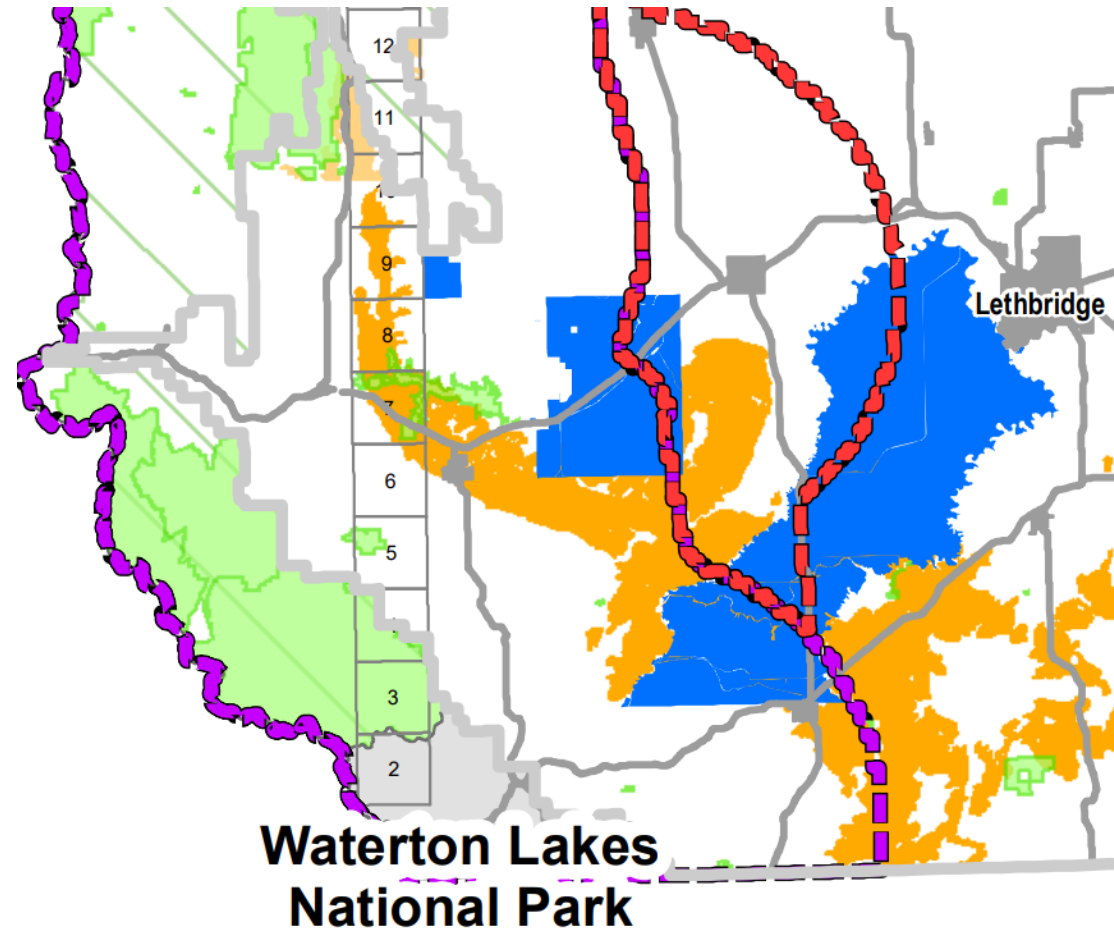
- Preferred land designations based on MLUST report and existing transmission capacity
- Enhanced consultation requirements
- Enhanced erosion control, waste management, and decommissioning plans
- Enhanced security and emergency response plans
- Explicit decision-making process for density on farmland
- Add section on battery storage



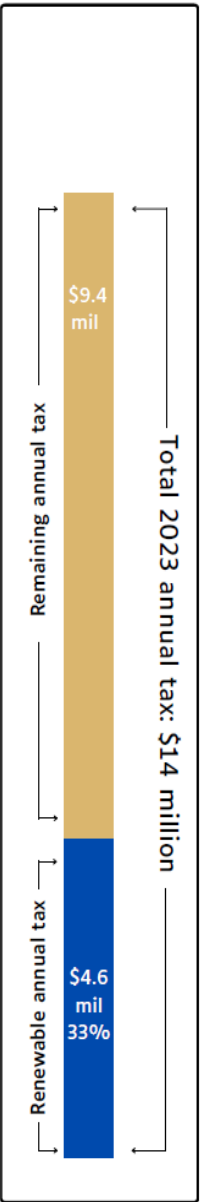
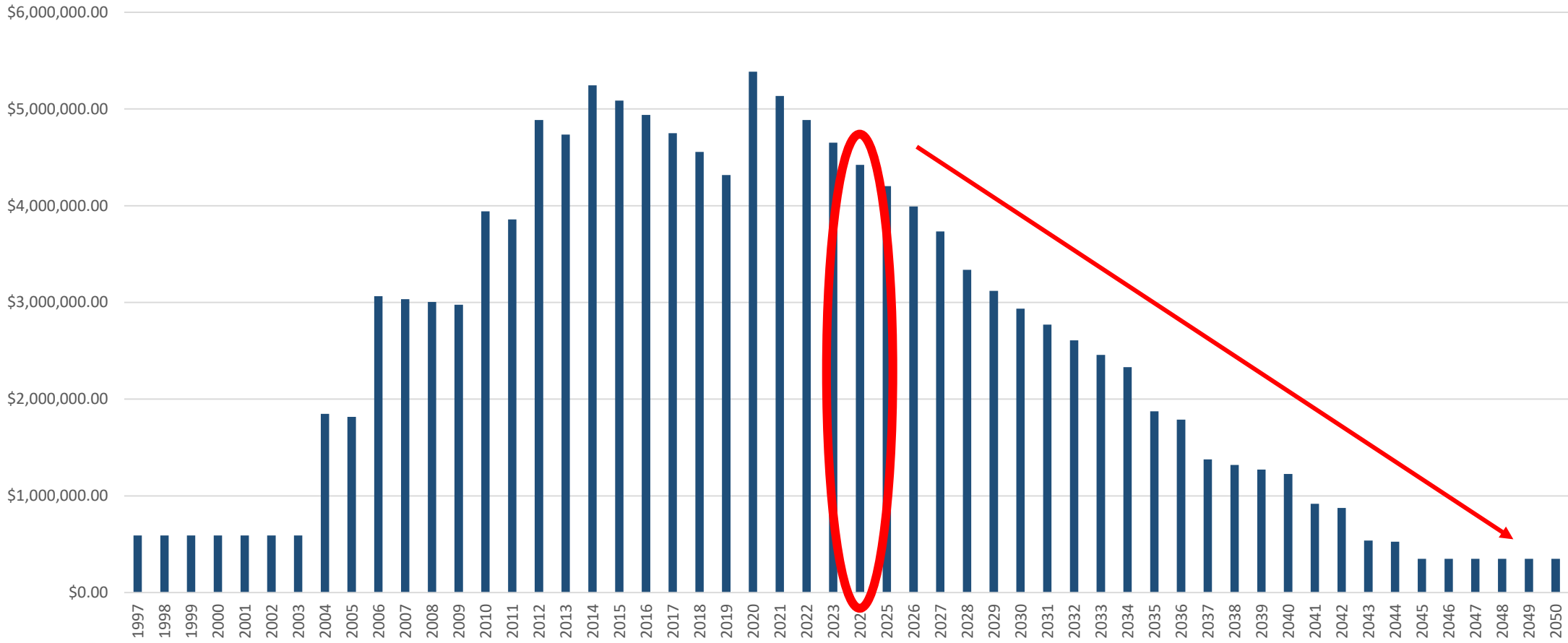
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ENERGY

Provincial Restrictions

- No wind development in MD
- Some Class 2 agricultural limits
 - East along Hwy 22
 - Between Oldman Reservoir and Town PC
 - East of Town along Hwy 3 and Piikani Ntn



Tax Review



Consultation Results

87 Total responses

- 38% don't support wind or solar development
- 75% concerned with existing turbines in the MD
- 60% want some level of redevelopment at existing sites
 - 55% support development on brownfield sites
 - 73% want engagement before site selection
- 65% want to use MLUST and public consultation in review process
 - 70% want to see energy from local generation on their bills
- Waste management and agricultural collaboration are highest priority
- Prioritize construction near existing transmission lines and redeveloping brownfields/existing sites

Recommended Next Steps

1. Identify preferred updates to Land Use Bylaw
2. Engage with Provincial regulator regarding repowering sites
3. Submit letter requesting community choice exception
4. Engage with existing operators regarding repowering plans
5. Identify preferred locations for development within desired criteria