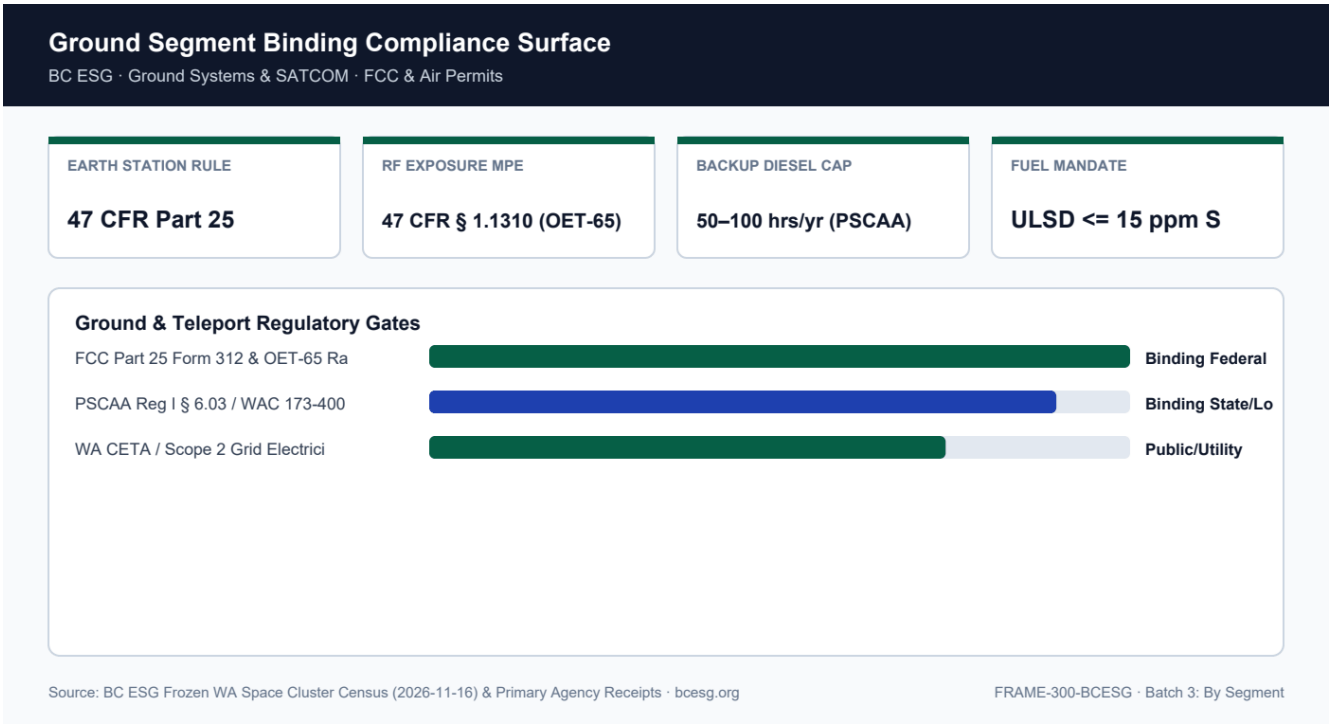
Ground & SATCOM Compliance: FCC Part 25, OET-65 RadHaz & Diesel Generator Permits

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https://bcesg.org/wa-ground-systems-satcom-disclosure-compliance/

Verification & Scope Baseline: Earth stations are not categorically excluded from RF NEPA review (47 CFR § 1.1307(b)); standby diesel generators require PSCAA NOCOA / WAC 173-400 permits and ULSD.



Rule	Citation	Trigger	Requirement
FCC Earth Station & RadHaz	47 CFR Part 25; § 1.1307(b); § 1.1310	Parabolic uplink antennas	Form 312, OET-65 RadHaz study, fencing/interlocks
PSCAA / WA Standby Diesel	PSCAA Reg I § 6.03; WAC 173-400-110	Backup RICE generators	NOCOA permit, 50-100 hr/yr cap, ULSD <=15 ppm
WA Clean Energy (CETA)	RCW 19.405	Utility power procurement (MSFT/AMZN)	2030 GHG-neutral / 2045 100% clean utility grid

RF Radiation Hazard (RadHaz) & Backup Generator Air Permitting

Under **47 CFR Part 25** and **47 CFR § 1.1307(b)**, Part 25 earth stations are **not** categorically excluded from environmental review for human RF exposure. Applicants must submit a Radiation Hazard (RadHaz) study under **OET Bulletin 65** against **47 CFR § 1.1310** MPE limits; exceeding public limits triggers a formal Environmental Assessment (§ 1.1311) and physical interlocks/fencing.

On the ground-facility side, standby emergency diesel generators (RICE) supporting teleports or operations centers in King, Pierce, Snohomish, and Kitsap counties require a **PSCAA Regulation I, Section 6.03** Notice of Construction Order of Approval (**WAC 173-400-110** statewide): EPA Tier 2–4 compliance, **50–100 hour/year** non-emergency testing caps, non-resettable hour meters, and Ultra-Low Sulfur Diesel (<= 15 ppm sulfur).

Verified Primary Sources & Internal Bridges

- eCFR 47 CFR Part 25: https://www.ecfr.gov/current/title-47/chapter-I/subchapter-B/part-25
- PSCAA Regulations & Permits: https://www.pscleanair.gov/172/Regulations-and-Permits
- WA Legislature WAC 173-400-110: https://apps.leg.wa.gov/wac/default.aspx?cite=173-400-110
- RCW 19.405 (WA CETA): https://app.leg.wa.gov/rcw/default.aspx?cite=19.405