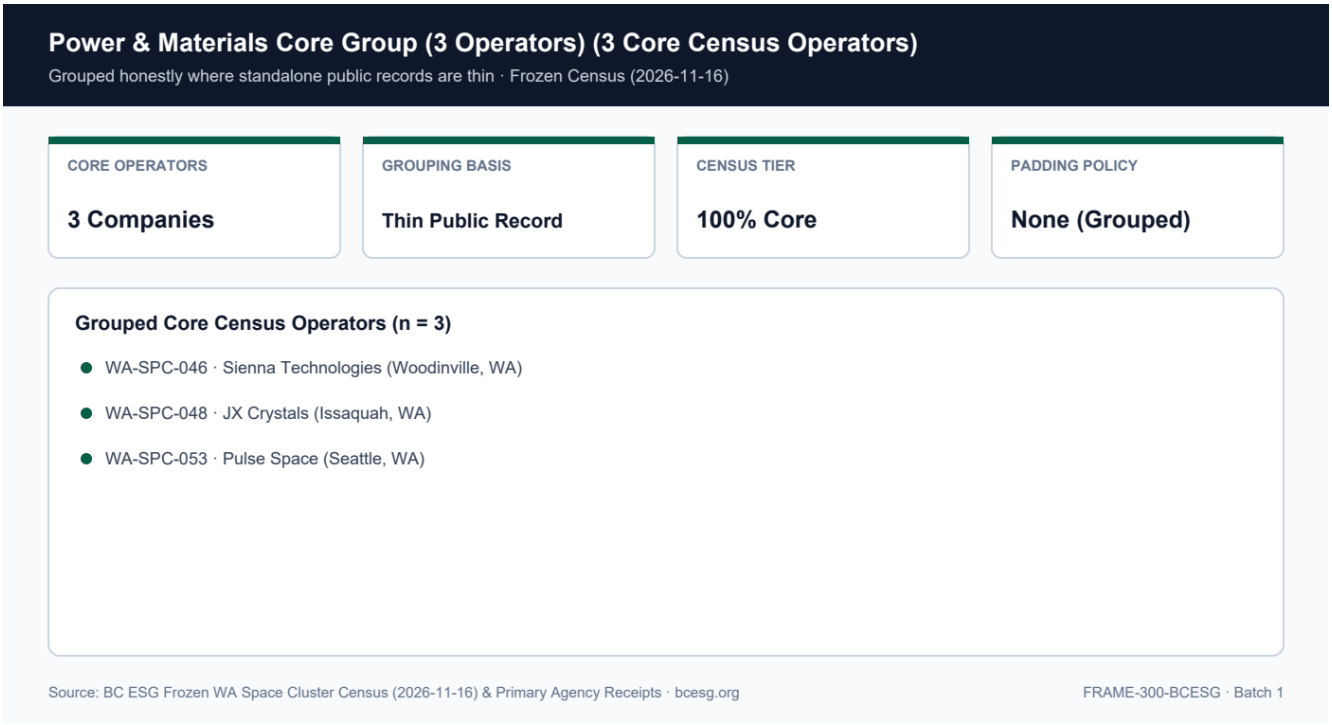
Space Power & Materials Suppliers (3 Grouped Core Operators): Woodinville, Issaquah & Seattle

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Verification & Scope Baseline: Covers 3 core companies from BC ESG's frozen census grouped by segment/region because their standalone public ESG and facility records are thin (CLM-26).



ID	Company	Segment	WA Facility	Size Signal
WA-SPC-046	Sienna Technologies	Components & Suppliers	Woodinville, WA	Specialized space-grade materials
WA-SPC-048	JX Crystals	Components & Suppliers	Issaquah, WA	Space power beaming & thermophotovoltaic hardware
WA-SPC-053	Pulse Space	Components & Suppliers	Seattle, WA	Space power-as-a-service architecture

Why These Operators Are Grouped

Grouped across three specialized power and materials developers (`Sienna Technologies`, `JX Crystals`, `Pulse Space`) whose public corporate/ESG records are too thin to warrant standalone 2-page profiles without padding (`CLM-26`).

Compliance & Supply-Chain Baseline

Although standalone ESG disclosures for these firms are thin, prime OEMs and DoD customers increasingly flow down Scope 3 and facility continuity checks across Tier-2 and Tier-3 suppliers (`CLM-28`).

Verified Primary Sources & Internal Bridges

- JX Crystals: https://jxcrystals.com/
- Alliance Velocity Space City: https://www.alliancevelocity.com/space-city