

# **UNIONCORE — IP2A Database v2 — Continuity Document ADDENDUM**

## **LaborPower Data Extraction Batch 2 Analysis**

**Date: February 2, 2026 | Analyst: Claude (Opus 4.5) | Status: Schema Corrections Required**

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## **1. BATCH 2 OVERVIEW**

On February 2, 2026, twelve additional LaborPower PDF exports were uploaded for analysis. This batch overlaps partially with the initial batch analyzed in the Continuity Document (§5) and introduces significant new data.

File Type	Files	New Data	Overlap with Batch 1
Employer	7	RESIDENTIAL contract code (NEW)	WIREPERSON, S&C, STOCKPERSON, LT FXT MAINT, GROUP MARINE, MARKET RECOVERY (same as Batch 1)
Registration	5	STOCKMAN, TRADESHOW,	TECHNICIAN, UTILITY WORKER (same as Batch 1)
Lists		TERO APPR WIRE (NEW)	

**Missing from Batch 1 that is NOT in Batch 2:** GROUP TV & APPL employer list (2 employers), Wire Seattle / Wire Bremerton / Wire Pt. Angeles registration lists.

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## 2. EMPLOYER LIST ANALYSIS — 7 CONTRACT CODES

### 2.1 Records Per Contract Code

Contract Code	Raw Records	Unique Employers	Duplicate Entries
WIREPERSON	752	689	63
SOUND & COMM	345	300	45
<b>RESIDENTIAL</b>  NEW	<b>292</b>	<b>259</b>	<b>33</b>
STOCKPERSON	218	180	38
LT FXT MAINT	109	92	17
GROUP MARINE	21	21	0
MARKET RECOVERY	1	1	0
<b>TOTAL</b>	<b>1,738</b>	<b>841 unique across all</b>	<b>196</b>

Unique (employer, contract) relationships: 1,542

### 2.2 Multi-Contract Distribution

Contracts Signed	Employer Count
1 contract	449

<b>Contracts Signed</b>	<b>Employer Count</b>
2 contracts	201
3 contracts	109
4 contracts	47
5 contracts	34
6 contracts	1

**CORRECTION to Continuity Doc §5.2:** Previous analysis stated "504 employers sign 1 contract, 155 sign 2, 98 sign 3, 43 sign 4, 1 signs 5." With RESIDENTIAL added, the distribution shifts significantly — 34 employers now sign 5 contracts and 1 signs 6.

## 2.3 Maximum-Contract Employer

**ELECTRIC HOME SERVICE** — now confirmed on **6 of 8 known contracts**:

- WIREPERSON, SOUND & COMM, STOCKPERSON, LT FXT MAINT, MARKET RECOVERY, RESIDENTIAL

Only missing: GROUP MARINE (not an electrical contractor type). Previously documented as signing 5 contracts.

## 2.4 Five-Contract Employers (34 total)

The common 5-contract pattern is: **WIREPERSON + SOUND & COMM + STOCKPERSON + LT FXT MAINT + RESIDENTIAL**

Notable employers at this level: MCKINSTRY CO., PRIME ELECTRIC INC, PRECISION ELECTRIC GROUP, VECA ELECTRIC & TECHNOLOGIES, J H KELLY LLC, SEAHURST ELECTRIC, SUNDANCER ELECTRIC, ZION ELECTRIC, and 26 others.

One exception: **PACIFIC ELECTRIC COMPANY** signs GROUP MARINE + LT FXT MAINT + RESIDENTIAL + SOUND & COMM + WIREPERSON (marine-capable contractor).

## 3. REGISTRATION LIST ANALYSIS — 5 BOOKS

### 3.1 Registration Counts

<b>Book</b>	<b>Book 1</b>	<b>Book 2</b>	<b>Book 3</b>	<b>Total</b>	<b>Status</b>
TRADESHOW	298	16	1	<b>315</b>	NEW

<b>Book</b>	<b>Book 1</b>	<b>Book 2</b>	<b>Book 3</b>	<b>Total</b>	<b>Status</b>
TECHNICIAN	112	17	131	<b>260</b>	Confirmed (same as Batch 1)
STOCKMAN	5	6	43	<b>54</b>	NEW
TERO APPR WIRE	2	—	—	<b>2</b>	NEW
UTILITY WORKER	1	—	—	<b>1</b>	Confirmed (same as Batch 1)
<b>TOTAL</b>	<b>418</b>	<b>39</b>	<b>175</b>	<b>632</b>	

### 3.2 APN Date Ranges

<b>Book</b>	<b>Tier</b>	<b>APN Range</b>	<b>Date Range</b>	<b>Count</b>
TRADESHOW	Book 1	39841.64 – 46052.62	<b>Jan 28, 2009</b> – Jan 30, 2026	298
	Book 2	44516.48 – 46042.64	Nov 16, 2021 – Jan 20, 2026	16
	Book 3	45875.49	Aug 06, 2025	1
TECHNICIAN	Book 1	44426.60 – 46055.55	Aug 18, 2021 – Feb 02, 2026	112
	Book 2	44587.57 – 46052.69	Jan 26, 2022 – Jan 30, 2026	17
	Book 3	43658.66 – 46052.62	<b>Jul 12, 2019</b> – Jan 30, 2026	131
STOCKMAN	Book 1	42199.44 – 45992.50	<b>Jul 14, 2015</b> – Dec 01, 2025	5
	Book 2	45856.44 – 46051.65	Jul 18, 2025 – Jan 29, 2026	6
	Book 3	44700.59 – 46052.36	May 19, 2022 – Jan 30, 2026	43
TERO APPR WIRE	Book 1	45840.65 – 45880.41	Jul 02, 2025 – Aug 11, 2025	2
UTILITY WORKER	Book 1	45880.41	Aug 11, 2025	1

**Key Observation:** TRADESHOW Book 1 has the oldest registration in the entire dataset — APN 39841.64, dating to **January 28, 2009** (nearly 17 years). Members can remain on this book indefinitely through re-signing cycles.

### 3.3 Duplicate APNs Within Same Book + Tier

Book	Tier	APN	Date	Count
TECHNICIAN	Book 1	45882.55	Aug 13, 2025	2×
TRADESHOW	Book 1	44936.49	Jan 10, 2023	2×
TRADESHOW	Book 1	45947.52	Oct 17, 2025	2×
TRADESHOW	Book 1	45954.63	Oct 24, 2025	2×
TRADESHOW	Book 1	46038.70	Jan 16, 2026	2×

**Confirms Continuity Doc §5.4:** APNs are NOT unique identifiers. UNIQUE(member\_id, book\_id, book\_priority\_number) remains the correct constraint.

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## 4. CRITICAL FINDING: APN 45880.41 — THE "SUPER-REGISTRANT"

**APN 45880.41 (August 11, 2025) appears on FOUR different books simultaneously:**

Book	Tier
TECHNICIAN	Book 1
TERO APPR WIRE	Book 1
TRADESHOW	Book 2
UTILITY WORKER	Book 1

### Implications:

- This is very likely the **same member** registered across 4 classifications on the same day
- Validates Rule 5: one registration **per classification** — a member CAN hold registrations on multiple classification books simultaneously
- The TERO APPR WIRE registration alongside TECHNICIAN suggests this member may be a TERO apprentice who also holds journeyman Technician and Utility Worker status, plus Tradeshow eligibility
- **Without member identifiers, we cannot confirm this is one person vs. four people who happened to register at the same moment** — this reinforces Priority 1 Gap #1 (REGLIST with member IDs)

**Schema Validation:** The many-to-many model via registrations table is correct. No additional constraints needed — a member can have unlimited active registrations across different books.

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## 5. CRITICAL FINDING: TECHNICIAN ↔ TRADESHOW CROSS-REGISTRATION

**95 shared APNs between TECHNICIAN and TRADESHOW books.**

This is a massive overlap — 95 out of 260 Technician registrants (36.5%) share an APN with the Tradeshow book. This is comparable to the 34% Technician-Wire overlap found in Batch 1 (88 members).

Overlap	Shared APNs	% of Smaller Book
TECHNICIAN ∩ TRADESHOW	95	36.5% of Technician
TECHNICIAN ∩ Wire Seattle (Batch 1)	88	33.8% of Technician
STOCKMAN ∩ TECHNICIAN	1	1.9% of Stockman

**Interpretation:** Tradeshow is likely a supplemental registration that many members add alongside their primary classification book. Members on the Technician book frequently also register for Tradeshow work.

**Schema Implication:** No changes needed — the registrations table already supports this pattern. But the referral\_books table should note whether a book is a "primary classification" or "supplemental/specialty" type.

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## 6. CRITICAL FINDING: RESIDENTIAL — 8TH CONTRACT CODE

**RESIDENTIAL was not documented in the Continuity Document.** It is a distinct contract code with 259 unique employers and 292 raw records.

### Overlap with WIREPERSON

Category	Count
RESIDENTIAL employers also signed WIREPERSON	207 (80%)
RESIDENTIAL-only employers (no WIREPERSON)	52 (20%)

### Notable RESIDENTIAL-Only Employers

52 employers sign RESIDENTIAL but NOT WIREPERSON. These are likely residential-specialty contractors:

- 1 WAY ELECTRICAL SERVICE LLC

- 24/7 ELECTRICAL COMPANY
- AFFORDABLE ELECTRICAL, LLC
- BREMERTON HOUSING AUTHORITY
- RESIDENTIAL ELECTRICAL SERVICES-46
- POWER TO THE PEOPLE ENERGY
- WEST SEATTLE NATURAL ENERGY, LLC
- SUE'S WESTSIDE ELECTRIC, LLC
- (and 44 others)

## Schema Implication

The `employer_contracts` table design is validated — employers can sign any combination of contract codes. But the Continuity Doc must be updated:

- **§5.2 employer table:** Add RESIDENTIAL column
  - **§5.2 multi-contract distribution:** Recalculate with 8 contracts
  - **§9.3 employer\_contracts:** Add RESIDENTIAL to contract\_code enum/lookup
- 

## 7. CRITICAL FINDING: BOOK NAME ≠ CONTRACT CODE

A significant naming mismatch exists between registration book names and employer contract codes:

Book Name (Reg List)	Contract Code (Employer List)	Mismatch?
WIRE SEATTLE / BREMERTON / PT ANGELES	WIREPERSON	Different naming convention
TECHNICIAN	(no matching contract code)	⚠ Unknown mapping
UTILITY WORKER	(no matching contract code)	⚠ Unknown mapping
STOCKMAN	STOCKPERSON	⚠ Direct mismatch
TRADESHOW	(no matching contract code)	⚠ No employer contract
TERO APPR WIRE	(no matching contract code)	⚠ TERO-specific

## Schema Correction Required

The Continuity Doc §9.2 `referral_books` schema assumed `classification` maps directly to contract codes. This is **incorrect**.

## Current (wrong):

```
referral_books.classification VARCHAR -- "WIRE, TECHNICIAN, etc."  
referral_books.contract_code VARCHAR -- "Maps to employer_contracts"
```

## Corrected:

```
referral_books.book_name    VARCHAR UNIQUE -- Exact LaborPower name: "STOCKMAN"  
referral_books.classification VARCHAR      -- Logical grouping: "STOCKPERSON"  
referral_books.contract_code VARCHAR       -- FK to contract type: "STOCKPERSON"  
referral_books.agreement_type VARCHAR      -- STANDARD/PLA/CWA/TERO  
referral_books.work_level    VARCHAR       -- JOURNEYMAN/APPRENTICE (from TERO APPR pattern)
```

The `book_name` → `contract_code` mapping must be explicit and configurable, not derived.

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## 8. CRITICAL FINDING: TERO APPR WIRE — COMPOUND BOOK TYPE

**TERO APPR WIRE** is a new book type that encodes three pieces of information in its name:

Component	Value	Meaning
TERO	Agreement type	Tribal Employment Rights Ordinance (Rule 4)
APPR	Work level	Apprentice
WIRE	Classification	Wireperson

**Only 2 registrations**, both Book 1, dating to July–August 2025.

### Implications

- Rule 4 validated:** PLA/CWA/TERO agreements create their own referral books, separate from standard classification books
- Apprentice-level books exist:** The APPR designation means apprentices have separate dispatch books from journeymen
- Naming convention extends:** There may be other compound books not yet exported (e.g., PLA WIRE, CWA WIRE, TERO APPR S&C, etc.)
- referral\_books schema must support:** `(agreement_type) + (work_level) + (classification)` as distinct columns, not just `(book_name)`

## Questions for Dispatch Staff

- Are there other TERO/PLA/CWA books? (TERO APPR S&C? PLA WIRE?)
  - Do TERO APPR members dispatch from this book only, or are they also eligible for the standard WIRE books?
  - What wage rates apply — TERO agreement rates or standard WIREPERSON rates?
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## 9. CRITICAL FINDING: DUPLICATE EMPLOYER RECORDS

Significant duplicate entries exist within the same contract code:

Contract Code	Employers with Duplicates	Max Occurrences	Notable
WIREPERSON	~50+ employers	4× (ELECTRICAL CONSTRUCTION CO)	Widespread
SOUND & COMM	~35+ employers	4× (SEACOM CABLING, ELECTRICAL CONSTRUCTION CO)	Widespread
STOCKPERSON	~30+ employers	4× (ELECTRICAL CONSTRUCTION CO, SEACOM CABLING)	
RESIDENTIAL	~25+ employers	4× (ELECTRICAL CONSTRUCTION CO)	
LT FXT MAINT	~14 employers	4× (ELECTRICAL CONSTRUCTION CO)	
GROUP MARINE	0	—	Clean
MARKET RECOVERY	0	—	Only 1 record

### Hypothesis

Duplicates likely represent **multiple contract periods** (e.g., renewed contracts, different effective dates) or **multiple business locations/DBAs** under the same employer name. The LaborPower export does not include contract dates or unique identifiers.

### Migration Implication

- **Cannot deduplicate by name alone** without risk of merging distinct contract relationships
- Need the **EMPLOYCONTRACT custom report** (Priority 1 Gap #3) to see effective dates, expiration dates, and contract IDs

- **Import strategy:** Import all records as-is, then deduplicate programmatically using additional metadata once the EMPLOYCONTRACT report is available
  - **employer\_contracts schema:** May need `(contract_period)` or `(effective_date)` to distinguish multiple instances
- 

## 10. UPDATED TIER DISTRIBUTION — "BOOK 3 = TRAVELERS" HYPOTHESIS STRENGTHENED

Book	Book 1	Book 2	Book 3	Pattern
STOCKMAN	5	6	43	INVERTED 
TECHNICIAN	112	17	131	INVERTED 
TRADESHOW	298	16	1	Normal
TERO APPR WIRE	2	—	—	Single tier
UTILITY WORKER	1	—	—	Single tier

Both STOCKMAN and TECHNICIAN show inverted distributions where Book 3 has more members than Book 1. This is the same pattern noted in Continuity Doc §5.7 for Technician.

STOCKMAN is even more extreme: **Book 3 has 8.6× the members of Book 1.**

The "Book 3 = Travelers from other IBEW locals" hypothesis gains significant support:

- Travelers (visiting members from other jurisdictions) would logically be placed on lower-priority tiers
- Classifications that attract more traveling workers (Technician, Stockman) would show more Book 3 members
- Classifications that are more locally-focused (Tradeshow) show normal distribution

**TRADESHOW has the opposite pattern** — overwhelmingly Book 1 (298 out of 315 = 94.6%). This makes sense: tradeshow work is typically local, short-duration, and wouldn't attract many travelers.

### Tier Semantics Clarification Needed

Tier	Hypothesis	Evidence
Book 1	Local journeymen (A-ticket / local members)	Largest for Wire books, Tradeshow

Tier	Hypothesis	Evidence
Book 2	Local members with lower priority? Organized workers?	Consistently smallest
Book 3	Travelers from other IBEW locals	Largest for Technician, Stockman
Book 4	(Not observed in data yet)	Mentioned in Rules (max_tiers = 4)

## 11. APN DECIMAL RANGE UPDATE

### Continuity Doc §5.3 Correction

Attribute	Previous (Continuity Doc)	Updated
Decimal range	.01 to .96	<b>.23 to .91</b>
Unique decimal values	53	<b>46</b> (this batch; combined may differ)
Schema type	DECIMAL(10,2)	DECIMAL(10,2) <input checked="" type="checkbox"/> (still correct)

### Full Decimal Distribution (This Batch)

The most common decimal values cluster around .34–.70, with outliers at .23 (1 occurrence), .74 (2), .75 (1), .83 (1), and .91 (1).

Range	Count	% of Total
.23–.33	7	1.1%
.34–.49	193	30.5%
.50–.65	278	44.0%
.66–.91	154	24.4%

**Revised Hypothesis:** The decimal part likely encodes a **sequential counter or timestamp** within the same registration day. The clustering around .34–.65 suggests most registrations happen during business hours (if time-encoded) or that there's a typical batch size per day (if sequential).

## 12. COMBINED STATISTICS — BOTH BATCHES

### Registration Lists

Source	Books	Registrations
Batch 1 (Continuity Doc)	Wire Seattle, Wire Bremerton, Wire Pt. Angeles, Technician, Utility Worker	3,662
Batch 2 (NEW only)	STOCKMAN, TRADESHOW, TERO APPR WIRE	371
<b>Combined Total</b>	<b>8 unique books</b>	<b>4,033</b>

### Employer Lists

Metric	Batch 1 (Continuity Doc)	Batch 2 (This Analysis)	Combined Estimate
Contract codes	7 (incl. GROUP TV & APPL)	7 (incl. RESIDENTIAL)	9
Unique employers	801	841	~843
Contract relationships	1,285	1,542	~1,544

Note: Combined estimate accounts for 6 overlapping contract codes + GROUP TV & APPL (Batch 1 only) + RESIDENTIAL (Batch 2 only). Exact dedup requires EMPLOYCONTRACT report.

### Complete Book Catalog (All Known)

Book Name	Source	Classification	Region	Contract Code	Agreement
WIRE SEATTLE	Batch 1 reg list	Wire	Seattle	WIREPERSON	Standard
WIRE BREMERTON	Batch 1 reg list	Wire	Bremerton	WIREPERSON	Standard
WIRE PT ANGELES	Batch 1 reg list	Wire	Pt. Angeles	WIREPERSON	Standard
TECHNICIAN	Both batches	Technician	Jurisdiction-wide	(unknown)	Standard
UTILITY WORKER	Both batches	Utility Worker	Jurisdiction-wide	(unknown)	Standard
STOCKMAN	Batch 2 reg list	Stockman	Jurisdiction-wide	STOCKPERSON	Standard

Book Name	Source	Classification	Region	Contract Code	Agreement
TRADESHOW	Batch 2 reg list	Tradeshow	Jurisdiction-wide	(none?)	Standard
TERO APPR WIRE	Batch 2 reg list	Wire	(unknown)	(WIREPERSON?)	TERO
(implied) SOUND & COMM	Contract code only	Sound & Comm	(unknown)	SOUND & COMM	Standard
(implied) LT FXT MAINT	Contract code only	Lt. Fixture Maint.	(unknown)	LT FXT MAINT	Standard
(implied) MARINE	Contract code only	Marine	(unknown)	GROUP MARINE	Standard

Total known books: 11 (8 confirmed from reg lists + 3 implied from contract codes)

### Complete Contract Code Catalog

#	Contract Code	Employers	Source
1	WIREPERSON	689	Both batches
2	SOUND & COMM	300	Both batches
3	RESIDENTIAL	259	Batch 2 (NEW)
4	STOCKPERSON	180	Both batches
5	LT FXT MAINT	92	Both batches
6	GROUP MARINE	21	Both batches
7	GROUP TV & APPL	2	Batch 1 only
8	MARKET RECOVERY	1	Both batches
9	RESIDENTIAL	259	Batch 2 (NEW)

Note: 8 unique contract codes confirmed. RESIDENTIAL was missing from Continuity Doc.

## 13. UPDATED SCHEMA CORRECTIONS

### 13.1 referral\_books (REVISED from Continuity Doc §9.2)

```
sql

book_id      SERIAL PRIMARY KEY
book_name    VARCHAR(100) NOT NULL UNIQUE -- Exact LaborPower name
classification  VARCHAR(50) NOT NULL      -- Logical grouping
contract_code  VARCHAR(50)          -- FK to contract types (NULL for TRADESHOW, TERO)
region        VARCHAR(50)          -- NULL for non-regional
agreement_type VARCHAR(20) DEFAULT 'STANDARD' -- STANDARD/PLA/CWA/TERO
work_level    VARCHAR(20) DEFAULT 'JOURNEYMAN' -- JOURNEYMAN/APPRENTICE
book_type     VARCHAR(20) DEFAULT 'PRIMARY'   -- PRIMARY/SUPPLEMENTAL (Tradeshow = supplemental)
max_tiers     INTEGER DEFAULT 4
morning_sort_order INTEGER           -- Per Rule 2
is_active      BOOLEAN DEFAULT TRUE
web_bidding_enabled BOOLEAN DEFAULT TRUE
```

New fields vs. Continuity Doc: `agreement_type`, `work_level`, `book_type`

### 13.2 employer\_contracts (ADD RESIDENTIAL)

No structural changes, but the `contract_code` domain must include RESIDENTIAL:

```
VALID contract_code VALUES:
'WIREPERSON', 'SOUND & COMM', 'STOCKPERSON', 'LT FXT MAINT',
'GROUP MARINE', 'GROUP TV & APPL', 'MARKET RECOVERY', 'RESIDENTIAL'
```

### 13.3 Seed Data — referral\_books

```
sql
```

```

INSERT INTO referral_books (book_name, classification, contract_code, region, agreement_type, work_level, book_type, m
('WIRE SEATTLE', 'WIRE', 'WIREPERSON', 'SEATTLE', 'STANDARD', 'JOURNEYMAN', 'PRIMARY',
('WIRE BREMERTON', 'WIRE', 'WIREPERSON', 'BREMERTON', 'STANDARD', 'JOURNEYMAN', 'PRIMARY',
('WIRE PT ANGELES', 'WIRE', 'WIREPERSON', 'PT ANGELES', 'STANDARD', 'JOURNEYMAN', 'PRIMARY',
('TECHNICIAN', 'TECHNICIAN', NULL, NULL, 'STANDARD', 'JOURNEYMAN', 'PRIMARY', 2)
('UTILITY WORKER', 'UTILITY WORKER', NULL, NULL, 'STANDARD', 'JOURNEYMAN', 'PRIMARY'
('STOCKMAN', 'STOCKMAN', 'STOCKPERSON', NULL, 'STANDARD', 'JOURNEYMAN', 'PRIMARY',
('TRADESHOW', 'TRADESHOW', NULL, NULL, 'STANDARD', 'JOURNEYMAN', 'SUPPLEMENT')
('TERO APPR WIRE', 'WIRE', NULL, NULL, 'TERO', 'APPRENTICE', 'PRIMARY', NULL),
-- Implied books (need reg list confirmation):
('SOUND & COMM', 'SOUND & COMM', 'SOUND & COMM', NULL, 'STANDARD', 'JOURNEYMAN', 'PRIM
('LT FXT MAINT', 'LT FXT MAINT', 'LT FXT MAINT', NULL, 'STANDARD', 'JOURNEYMAN', 'PRIMARY',
('MARINE', 'MARINE', 'GROUP MARINE', NULL, 'STANDARD', 'JOURNEYMAN', 'PRIMARY', 2

```

*morning\_sort\_order based on Rule 2: Inside Wireperson=1 (8:30 AM), S&C/Marine/Stock/LFM=2 (9:00 AM), Tradeshow=3 (9:30 AM)*

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## 14. UPDATED DATA GAP LIST

### Priority 1 — BLOCKING (Before Schema DDL)

#	Gap	Status	Notes
1	<b>REGLIST with member identifiers</b>	🔴 STILL BLOCKING	member_id/card_number needed to resolve APN-to-member mapping. APN 45880.41 on 4 books makes this urgent.
2	<b>RAW DISPATCH DATA</b>	🔴 STILL BLOCKING	Dispatch transaction structure unknown
3	<b>EMPLOYCONTRACT report</b>	🔴 STILL BLOCKING	Need contract dates to explain duplicate employer entries

### Priority 2 — IMPORTANT (Before Migration Scripts)

#	Gap	Status	Notes
4	Complete book catalog	🟡 PARTIALLY RESOLVED	8 of ~11 books confirmed from reg lists; 3 still implied

#	Gap	Status	Notes
5	Book-to-contract mapping	● NEW GAP	STOCKMAN→STOCKPERSON confirmed; TECHNICIAN/TRADESHOW/UTILITY WORKER mapping unknown
6	Sample member registration detail	● STILL NEEDED	re-sign dates, check marks, exemptions
7	Sample dispatch history	● STILL NEEDED	Full lifecycle with timestamps
8	TERO/PLA/CWA book catalog	● NEW GAP	How many compound books exist?
9	Duplicate employer resolution	● NEW GAP	Are duplicates = multiple contracts, locations, or data quality issue?

### Priority 3 — CLARIFICATION (Before Business Logic)

#	Gap	Status	Notes
10	90-day rule definition	● STILL NEEDED	
11	"Too many days" threshold	● STILL NEEDED	
12	Total referral region count	● STILL NEEDED	
13	Book tier semantics	● PARTIALLY RESOLVED	Book 3 = Travelers hypothesis strengthened by Stockman data
14	TRADESHOW dispatch rules	● NEW GAP	No employer contract — how are Tradeshow referrals compensated?
15	Apprentice book rules	● NEW GAP	TERO APPR — are there standard apprentice books?
16	RESIDENTIAL vs WIREPERSON	● NEW GAP	Different wage rates? Different dispatch procedures?

### APPENDIX A: RESIDENTIAL-ONLY EMPLOYERS (52)

Employers signed to RESIDENTIAL but NOT WIREPERSON — likely residential-specialty contractors:

1. 1 WAY ELECTRICAL SERVICE LLC
2. 24/7 ELECTRICAL COMPANY
3. A.V.E.C. INC
4. ADVANCED HEATING & COOLING, INC.
5. AFFORDABLE ELECTRICAL, LLC
6. ALL IN ELECTRIC
7. AMERICO
8. AQUARIUS PUMP CO
9. AT YOUR SERVICE ELECTRIC, INC
10. AXXON ELECTRIC, LLC
11. BART ELECTRIC
12. BEST ELECTRIC INC.
13. BIRCH ELECTRIC LLC
14. BREMERTON HOUSING AUTHORITY
15. BRENNER ELECTRIC LLC
16. BRODIE ELECTRIC, LLC
17. CK ELECTRIC
18. CONNECTED ELECTRIC
19. DAVES ELECTRIC LLC
20. DOUBLE D ELECTRIC, LLC.
21. EAZY ELECTRIC
22. ECHO ELECTRIC
23. EMERALD ELECTRIC, INC.
24. ENIGMA ELECTRIC COMPANY
25. FLETCHER ELECTRIC
26. GC ELECTRIC LLC
27. GCA ELECTRIC, LLC
28. JK BMA HOLDINGS, INC
29. JUANITA ELECTRIC
30. KEYPORT ELECTRIC, LLC
31. LANTER ELECTRIC, INC
32. LATITUDE ELECTRIC
33. LIFELINE ELECTRIC LLC

34. LION ELECTRIC, INC.
  35. NIGHT AND DAY ELECTRIC, LLC
  36. NW ELECTRIC
  37. PACIFIC SUN SERVICES, LLC
  38. PAHLMAN ELECTRIC, INC.
  39. POWER TO THE PEOPLE ENERGY
  40. PROVIDENCE ELECTRIC, LLC
  41. PUGET SOUND CONTRACTING
  42. QUINTON DESIGN & ELECTRIC CONTRACTORS
  43. RESIDENTIAL ELECTRICAL SERVICES-46
  44. RKB ELECTRIC LLC
  45. ROADRUNNER ELECTRIC, LLC
  46. SUE'S WESTSIDE ELECTRIC, LLC
  47. SUN BRIGHT ELECTRIC LLC
  48. TCE ELECTRIC
  49. TOMCO CONSTRUCTION
  50. TUKWILA ELECTRICAL SERVICE
  51. WEST SEATTLE NATURAL ENERGY, LLC
  52. YOUR ELECTRIC COMPANY, LLC
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*Document generated: February 2, 2026 Analysis by: Claude (Opus 4.5) Input: 12 LaborPower PDF exports (7 employer lists + 5 registration lists) This addendum supplements the main Continuity Document dated February 3, 2026 All findings should be verified with IBEW Local 46 dispatch staff before schema lock*