# Green Power Solutions - Specialist Agent Coordination Protocol

## Phase 2 Content Creation Implementation (Days 3-10)

\*\*Document Type\*\*: Agent Coordination Framework

\*\*Implementation Phase\*\*: Phase 2 Content Creation

\*\*Date Created\*\*: 8 September 2025

\*\*Status\*\*: Active Implementation Protocol

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## EXECUTION SEQUENCING STRATEGY

Following the strategic workflow sequencing established in the main workflow, content creation proceeds in strategic order with overlapping quality reviews to ensure technical accuracy and cross-pillar consistency.

### Content Creation Sequence

1. \*\*Generator Pillar\*\* (Days 3-5) - Primary foundation

2. \*\*Load Bank Testing\*\* (Days 4-6) - Technical dependency on generator specs

3. \*\*Hybrid Lighting\*\* (Days 6-8) - Cross-reference generator specifications

4. \*\*Tank Storage\*\* (Days 8-10) - Integration with all systems

### Quality Gate Integration

* \*\*Gate 1 Technical Review\*\*: Day 5 (Generator + Load Bank)
* \*\*Gate 2 SOP Compliance\*\*: Days 7-8 (Generator + Load Bank + Hybrid Lighting)
* \*\*Integration Reviews\*\*: Days 6, 9, 12 (Cross-pillar consistency)

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## AGENT ASSIGNMENT ACTIVATION

### Generator Content Specialist - ACTIVATED (Days 3-5)

**Primary Responsibilities:**

* Transform generator pillar content plan (4,500+ words) into publication-ready web content
* Ensure biodiesel technology specifications are technically accurate
* Verify mining compliance requirements per Australian standards
* Develop case studies from content plan frameworks with proper citations
* Establish technical foundation for cross-pillar integration

**Quality Requirements:**

* Technical accuracy verification against manufacturer specifications
* Australian mining standards compliance (AS/NZS 3000:2018)
* Fuel consumption calculations verified at all load levels
* Environmental benefits documentation with credible source citations
* Integration specifications for load bank testing and fuel storage

**Resource Access:**

* Generator pillar content plan: `/content/generator\_pillar\_page\_content\_plan.md`
* Technical terminology glossary: `/implementation/technical\_terminology\_glossary.md`
* Brand voice framework: `/implementation/brand\_voice\_consistency\_framework.md`
* Quality templates: `/implementation/quality\_control/sop\_compliance\_checklists/`

### Load Bank Testing Content Specialist - ACTIVATED (Days 4-6)

**Primary Responsibilities:**

* Transform load bank testing content plan (4,600+ words) into publication-ready content
* Ensure testing methodologies are technically accurate per Australian standards
* Verify equipment specifications and integration with generator systems
* Develop technical validation processes with proper compliance references
* Create case studies demonstrating testing accuracy and certification compliance

**Quality Requirements:**

* Testing procedure verification against AS 60439.1 standards
* Technical validation processes properly documented
* Integration compatibility with generator specifications confirmed
* Certification requirements accurately referenced
* Professional testing methodology presentation

**Resource Access:**

* Load bank testing content plan: `/content/load\_bank\_testing\_pillar\_page\_content\_plan.md`
* Generator specifications (from Generator Specialist deliverables)
* Technical terminology glossary and brand voice framework
* Cross-pillar integration requirements documentation

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## COORDINATION PROTOCOLS

### Daily Stand-up Protocol (Days 3-10)

\*\*Participants\*\*: All active specialist agents + Quality Controller + Lead Orchestrator

\*\*Schedule\*\*: 9:00 AM daily (15-minute checkpoint)

**Agenda:**

1. Previous day progress review and quality checkpoint results

2. Current day priorities and resource requirements

3. Technical consistency issues identification and resolution

4. Cross-pillar integration element coordination

5. Quality gate preparation and timeline verification

### Technical Consistency Coordination

\*\*Generator ↔ Load Bank Integration\*\* (Days 4-6):

* Generator power specifications align with load bank testing capabilities
* Fuel consumption data consistent across both pillar pages
* Safety and compliance standards unified between pillars
* Case studies demonstrate integrated system performance

\*\*Cross-Pillar Technical Review\*\* (Day 6):

* Technical terminology consistency verification across completed pillars
* Specification accuracy cross-validation
* Integration element functionality testing
* Brand voice consistency confirmation

### Quality Gate Coordination Protocol

#### Gate 1 Technical Accuracy Review (Day 5)

\*\*Participants\*\*: Quality Controller + Generator Specialist + Load Bank Specialist

**Requirements:**

* Technical specifications verified against authoritative sources
* Australian standards compliance confirmed
* Cross-pillar technical consistency verified
* Integration elements technically accurate

#### Gate 2 SOP Compliance Review (Days 7-8)

\*\*Participants\*\*: Quality Controller + Lead Orchestrator + Active Specialists

**Requirements:**

* Source citations verified for all statistical claims
* Australian English compliance throughout content
* Brand voice consistency maintained across pillars
* Content plan requirements fulfilled

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## CONTENT TRANSFORMATION SPECIFICATIONS

### From Content Plan to Publication-Ready Format

#### Required Content Elements (Per Pillar)

1. \*\*Executive Introduction\*\* (300-400 words)

* Industry challenge recognition with Australian context
* Solution authority statement with technical credibility
* Professional expertise demonstration
* Practical application focus

2. \*\*Technical Specifications Section\*\* (800-1000 words)

* Detailed equipment specifications with verified data
* Performance metrics with credible source citations
* Australian standards compliance documentation
* Integration capability specifications

3. \*\*Industry Applications Section\*\* (800-1000 words)

* Mining industry applications with compliance focus
* Construction and infrastructure project applications
* Event and entertainment industry applications
* Commercial and industrial applications

4. \*\*Case Studies and Examples\*\* (600-800 words)

* Real-world performance evidence with specific metrics
* Industry-specific success stories with quantified benefits
* Technical validation examples with certification references
* Environmental impact demonstrations with verified data

5. \*\*Integration and Systems\*\* (400-600 words)

* Cross-pillar system integration capabilities
* Modular design and scalability options
* Remote monitoring and control systems
* Maintenance and support protocols

6. \*\*Professional Consultation Section\*\* (200-300 words)

* Expert assessment and solution design offerings
* Technical support and service capabilities
* Professional installation and commissioning services
* Ongoing maintenance and performance optimisation

#### Content Quality Standards

* \*\*Minimum Word Count\*\*: 4,500+ words per pillar
* \*\*Technical Accuracy\*\*: 100% verification against industry standards
* \*\*Source Citations\*\*: All claims properly cited with credible sources
* \*\*Australian Compliance\*\*: Full adherence to British English and local standards
* \*\*Brand Voice\*\*: Consistent professional authority throughout

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## FEEDBACK LOOP IMPLEMENTATION

### Real-Time Quality Feedback (Continuous)

**Process:**

1. \*\*Content Creation\*\*: Specialist creates content section

2. \*\*Technical Review\*\*: Quality Controller verifies technical accuracy

3. \*\*SOP Compliance Check\*\*: Citation and presentation standards verified

4. \*\*Integration Validation\*\*: Cross-pillar consistency confirmed

5. \*\*Refinement\*\*: Content refined based on feedback

6. \*\*Approval\*\*: Section approved for integration into final page

### Cross-Pillar Integration Checkpoints (Days 6, 9, 12)

**Process:**

1. \*\*Consistency Review\*\*: Technical terminology alignment across pillars

2. \*\*Integration Testing\*\*: Cross-pillar integration elements verified

3. \*\*Customer Journey Validation\*\*: User experience flow throughout pillars

4. \*\*Brand Voice Confirmation\*\*: Unified professional voice maintained

5. \*\*Quality Metrics Assessment\*\*: Compliance and consistency scoring

### Quality Gate Feedback Integration

\*\*Gate 1 (Technical)\*\*: Technical accuracy feedback immediate integration

\*\*Gate 2 (SOP)\*\*: Compliance feedback rapid resolution protocol

\*\*Gate 3 (Publication)\*\*: Final feedback comprehensive integration

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## SUCCESS CRITERIA AND MILESTONES

### Phase 2 Completion Criteria (Day 10)

* [ ] \*\*Generator Pillar\*\*: Publication-ready content (4,500+ words) with complete technical accuracy
* [ ] \*\*Load Bank Testing Pillar\*\*: Publication-ready content (4,600+ words) with technical validation
* [ ] \*\*Hybrid Lighting Pillar\*\*: Publication-ready content (4,600+ words) with integration specifications
* [ ] \*\*Tank Storage Pillar\*\*: Publication-ready content (4,800+ words) with safety compliance
* [ ] \*\*Cross-Pillar Integration\*\*: Functional integration elements across all pillars
* [ ] \*\*Quality Gates\*\*: Technical accuracy and SOP compliance verification complete

### Quality Metrics Targets

* \*\*Technical Accuracy\*\*: 100% specification verification
* \*\*SOP Compliance\*\*: 100% citation and presentation standards
* \*\*Cross-Pillar Consistency\*\*: 95%+ consistency score
* \*\*Content Completion\*\*: 18,500+ total words across four pillars
* \*\*Integration Functionality\*\*: All cross-pillar elements operational

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\*\*Document Status\*\*: Active Implementation Protocol

\*\*Next Review\*\*: Daily stand-up coordination (Day 3)

\*\*Quality Gates\*\*: Integrated throughout coordination process

\*\*Success Measurement\*\*: Phase 2 completion criteria achievement