# 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

1. **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

1. **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

1. **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

1. **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

1. **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