# Green Power Solutions - Content Implementation Task Dependencies

## Project Overview

Transform four detailed content plans (18,500+ total words) into publication-ready web content through coordinated specialist agent implementation.

## Task Dependency Graph

### Foundation Phase Tasks (Days 1-2)

#### TASK-001: Technical Terminology Standardization

\*\*Agent\*\*: Lead Content Orchestrator + All Specialists

\*\*Duration\*\*: 1 day

\*\*Dependencies\*\*: None

\*\*Deliverable\*\*: Unified technical glossary across all pillars

\*\*Success Criteria\*\*: Consistent terminology alignment verified

#### TASK-002: Brand Voice Framework Establishment

\*\*Agent\*\*: Lead Content Orchestrator + Quality Controller

\*\*Duration\*\*: 1 day

\*\*Dependencies\*\*: None

\*\*Deliverable\*\*: Brand voice consistency guidelines and templates

\*\*Success Criteria\*\*: Voice framework approved by all specialists

#### TASK-003: Quality Control Template Creation

\*\*Agent\*\*: Quality Controller

\*\*Duration\*\*: 1 day

\*\*Dependencies\*\*: None

\*\*Deliverable\*\*: SOP compliance checklists and review templates

\*\*Success Criteria\*\*: Quality gate templates validated and approved

#### TASK-004: Cross-Pillar Integration Framework

\*\*Agent\*\*: Integration Specialist + Lead Orchestrator

\*\*Duration\*\*: 1 day

\*\*Dependencies\*\*: TASK-001

\*\*Deliverable\*\*: Integration element specifications and customer journey mapping

\*\*Success Criteria\*\*: Integration framework approved by technical specialists

### Primary Content Creation Phase (Days 3-10)

#### TASK-005: Generator Pillar Content Creation

\*\*Agent\*\*: Generator Content Specialist

\*\*Duration\*\*: 3 days

\*\*Dependencies\*\*: TASK-001, TASK-002

\*\*Deliverable\*\*: Generator pillar page content (4,500+ words, 80% complete)

\*\*Success Criteria\*\*: Technical accuracy verified, biodiesel specifications confirmed

#### TASK-006: Load Bank Testing Content Creation

\*\*Agent\*\*: Load Bank Testing Content Specialist

\*\*Duration\*\*: 3 days

\*\*Dependencies\*\*: TASK-001, TASK-002, TASK-005 (partial - for generator integration)

\*\*Deliverable\*\*: Load bank testing pillar content (4,600+ words, 80% complete)

\*\*Success Criteria\*\*: Testing methodologies validated, generator integration confirmed

#### TASK-007: First Technical Accuracy Review

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

\*\*Duration\*\*: 1 day

\*\*Dependencies\*\*: TASK-005, TASK-006

\*\*Deliverable\*\*: Technical accuracy verification report (Gate 1)

\*\*Success Criteria\*\*: Technical specifications validated, compliance confirmed

#### TASK-008: Hybrid Lighting Content Creation

\*\*Agent\*\*: Hybrid Lighting Content Specialist

\*\*Duration\*\*: 3 days

\*\*Dependencies\*\*: TASK-001, TASK-002, TASK-005 (for generator integration)

\*\*Deliverable\*\*: Hybrid lighting pillar content (4,600+ words, 80% complete)

\*\*Success Criteria\*\*: Solar-diesel integration verified, fuel savings calculations confirmed

#### TASK-009: SOP Compliance Review (First Batch)

\*\*Agent\*\*: Quality Controller

\*\*Duration\*\*: 1 day

\*\*Dependencies\*\*: TASK-005, TASK-006, TASK-008

\*\*Deliverable\*\*: SOP compliance verification report (Gate 2 - Partial)

\*\*Success Criteria\*\*: Citation compliance verified, Australian English confirmed

#### TASK-010: Tank Storage Content Creation

\*\*Agent\*\*: Tank Storage Content Specialist

\*\*Duration\*\*: 3 days

\*\*Dependencies\*\*: TASK-001, TASK-002, TASK-004, TASK-005 (for generator integration)

\*\*Deliverable\*\*: Tank storage pillar content (4,800+ words, 80% complete)

\*\*Success Criteria\*\*: Safety compliance verified, integration systems confirmed

### Integration & Schema Phase (Days 9-14)

#### TASK-011: Schema Markup Development

\*\*Agent\*\*: Schema & SEO Implementation Specialist

\*\*Duration\*\*: 3 days

\*\*Dependencies\*\*: TASK-005, TASK-006, TASK-008, TASK-010

\*\*Deliverable\*\*: Complete schema markup for all four pillars

\*\*Success Criteria\*\*: Schema validates, AI optimization requirements fulfilled

#### TASK-012: Cross-Pillar Integration Implementation

\*\*Agent\*\*: Cross-Pillar Integration Specialist

\*\*Duration\*\*: 4 days

\*\*Dependencies\*\*: TASK-004, TASK-005, TASK-006, TASK-008, TASK-010

\*\*Deliverable\*\*: Integration elements implemented across all pillars

\*\*Success Criteria\*\*: Customer journey flows validated, cross-references accurate

#### TASK-013: Complete Technical Accuracy Review

\*\*Agent\*\*: Quality Controller + All Content Specialists

\*\*Duration\*\*: 2 days

\*\*Dependencies\*\*: TASK-005, TASK-006, TASK-008, TASK-010, TASK-012

\*\*Deliverable\*\*: Final technical accuracy verification (Gate 1 - Complete)

\*\*Success Criteria\*\*: All specifications validated, cross-pillar consistency confirmed

#### TASK-014: Complete SOP Compliance Review

\*\*Agent\*\*: Quality Controller + Lead Orchestrator

\*\*Duration\*\*: 2 days

\*\*Dependencies\*\*: TASK-011, TASK-012, TASK-013

\*\*Deliverable\*\*: Final SOP compliance verification (Gate 2 - Complete)

\*\*Success Criteria\*\*: All citations verified, brand voice consistency confirmed

#### TASK-015: Publication Readiness Assessment

\*\*Agent\*\*: Lead Content Orchestrator + All Specialists

\*\*Duration\*\*: 1 day

\*\*Dependencies\*\*: TASK-011, TASK-012, TASK-013, TASK-014

\*\*Deliverable\*\*: Complete publication readiness verification (Gate 3)

\*\*Success Criteria\*\*: Unanimous approval from all specialists, web development ready

### Final Documentation Phase (Day 14)

#### TASK-016: Web Development Handoff Documentation

\*\*Agent\*\*: Lead Content Orchestrator + Schema Specialist

\*\*Duration\*\*: 0.5 days

\*\*Dependencies\*\*: TASK-015

\*\*Deliverable\*\*: Complete technical specifications for web development

\*\*Success Criteria\*\*: Developer handoff requirements fulfilled

#### TASK-017: Content Maintenance Protocol Creation

\*\*Agent\*\*: Quality Controller + Lead Orchestrator

\*\*Duration\*\*: 0.5 days

\*\*Dependencies\*\*: TASK-015

\*\*Deliverable\*\*: Ongoing maintenance and update protocols

\*\*Success Criteria\*\*: Maintenance standards established, quality assurance protocols defined

## Critical Path Analysis

\*\*Primary Critical Path\*\*: TASK-001 → TASK-005 → TASK-012 → TASK-015

\*\*Duration\*\*: 11 days (with 3-day buffer for quality assurance)

\*\*Secondary Critical Path\*\*: TASK-003 → TASK-007 → TASK-013 → TASK-015

\*\*Quality Assurance Path\*\*: Continuous throughout implementation

## Resource Allocation

### Full-Time Allocation (14 days)

* Lead Content Orchestrator
* Quality Controller

### Primary Phase Allocation (8 days)

* Generator Content Specialist (Days 3-5, 11-12)
* Hybrid Lighting Content Specialist (Days 6-8, 11-12)
* Tank Storage Content Specialist (Days 8-10, 12-13)
* Load Bank Testing Content Specialist (Days 4-6, 11-12)

### Integration Phase Allocation (6 days)

* Schema & SEO Implementation Specialist (Days 9-14)
* Cross-Pillar Integration Specialist (Days 7-14)

## Risk Mitigation

### Technical Accuracy Risks

\*\*Mitigation\*\*: Continuous quality controller oversight, daily stand-up protocols

\*\*Contingency\*\*: Additional technical specialist consultation available

### Timeline Risks

\*\*Mitigation\*\*: 3-day buffer built into critical path

\*\*Contingency\*\*: Parallel processing of non-dependent tasks

### Consistency Risks

\*\*Mitigation\*\*: Daily cross-pillar consistency reviews, standardized terminology framework

\*\*Contingency\*\*: Integration specialist continuous monitoring

## Success Metrics

* \*\*Content Completion\*\*: 4 pillar pages, 18,500+ words total
* \*\*Technical Accuracy\*\*: 100% specification verification
* \*\*SOP Compliance\*\*: 100% citation and quality standards
* \*\*Cross-Pillar Consistency\*\*: 95%+ consistency score
* \*\*Publication Readiness\*\*: Unanimous specialist approval

\*\*Project Completion Criteria\*\*: All tasks completed successfully with unanimous Gate 3 approval