

GDOP 24 - GDCC Updates to the Green Deal Licensee

Document Control

Version	Status	Author	Release Date	Reason for release
1.0	FINAL	MRA Green Deal Project	02/07/2012	Baseline technical requirements for the updating of Green Deal Charge related data from the GDCC to the Green Deal Licensee and associated responses
2.0	FINAL	MRA Green Deal Project	23/07/2012	Revised baseline
3.0	FINAL	Dan Cantle, Paul McDowell	15/02/2013	Updated baseline for GDCC R02.0
3.1	DRAFT	Dan Cantle	07/03/2013	Updates to restrict passing of information where an Erroneous Registration exists
3.1.1.	DRAFT	Dan Cantle	13/03/2013	Updates to allow for the passing of information relating to changes to the Green Deal Provider or GD Provider
3.2	DRAFT	Dan Cantle	11/04/2013	Updated to align with confirmed requirements for GDCC release R04.0, issued for comment
4.0	APPROVED	Dan Cantle	14/05/2013	Baseline requirements for release R04.0 issued as approved. Process renamed as "GDCC Updates to the Green Deal Licensee"
5.0	APPROVED	Andy Bard	22/11/2013	Baseline requirements for release R05.0 issued as approved
6.0	APPROVED	Andy Bard	02/01/2014	Baseline requirements for release R06.0 issued as approved
6.1	DRAFT	Linda Taylor	06/11/2014	Updated to amend D0325 Update flow structure
7.0	APPROVED	Andy Bard	23/07/2014	Baseline requirements for release R07.0 issued as approved
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9.0	APPROVED	Andy Bard	30/07/2015	Baseline version for release R09.0
10.0	APPROVED	Alex Tear	25/02/2016	Baseline version for release R10.0
11.0	APPROVED	Gary Bilton	30/06/2016	Baseline version for release R11.0
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14.0	APPROVED	Gary Bilton	22/02/2018	Baseline version for release R14.0
15.0	APPROVED	Gary Bilton	22/02/2018	Baseline version for release R15.0
16.0	DRAFT	Gary Bilton	30/04/2019	Draft version for release R15.0
16.0	DRAFT	Andy Bard	24/07/2019	Updated version following review by GDEG
16.0	APPROVED	Andy Bard	28/11/2019	Finalised for Release

Document Purpose

This document provides a technical overview of the GDCC and associated functionality required to support the GDCC Green Deal Market Scenarios (GDMS) as defined within the *MRA Agreed Procedure for the Green Deal Central Charge Database* (“MAP 18”).

For the avoidance of doubt, this document is not maintained under the governance of the MRA Change Process, but rather is under the control of the MRASCo Central Administration Service (CAS) for use in the development and testing of GDCC solutions and as such forms part of the agreed GDCC User Requirements Specification for the GDCC release R15.0 baseline.

Summary

This scenario covers (from a GDCC perspective) the process for the notification of new or amended information to the Green Deal Licensee during the lifecycle of the Green Deal Plan record. As such, it includes:

- The trigger points for the initiation of the process;
- Onward communication to the Green Deal Licensee of requests from the GD Provider in respect of updates to;
 - Green Deal Charge details for specific periods;
 - The GD Remittance Processor associated with the Green Deal Plan record in the GDCC;
 - The **GD Plan Actual End Date**;
 - Changes to the Green Deal Provider associated with the Green Deal Plan record in the GDCC; and
 - Updates to the GD Provider associated with the Green Deal Plan Record in the GDCC;
- Validation of the request by the GDCC, and subsequent updates to records where it is valid;
- Green Deal Licensee validation checks and responses to the GDCC; and
- GDCC responses via the MRASCo Central Administration Service (CAS) to the GD Provider for unsuccessful data update requests.

This process may be used to inform the Green Deal Licensee of:

- Amendments to existing Green Deal Charge Periods and amounts;
- Updates to the Green Deal Remittance Processor associated with the Green Deal Plan record in the GDCC;
- Updates to the **GD Plan Actual End Date**;
- Updates to the **GD Plan Actual End Date** for a pending new Green Deal Licensee where the Green Deal Plan ends before their registration commences;
- Updates to the Green Deal Provider or GD Provider associated with the Green Deal Plan record in the GDCC and
- Changes to the estimated fuel savings resulting from Green Deal Measures installed.

It is related to the GDOP 08 *GD Provider Updates to Green Deal Charge Details* process in that the onward communication of Charges occurs where:

- An update from the GD Provider has a Start Date less than thirty (30) Working Days in the future when submitted;
- A previously stored update has a Start Date of thirty (30) Working Days in the future and so requires onward communication to the Green Deal Licensee;
- An update to the GD Remittance Processor associated with the Green Deal Plan is required; or
- An amendment to the **GD Plan Actual End Date** occurs.

This process is also associated to the GDOP 20 *Re-assignment of the GD Provider Associated with a Green Deal Plan* process in relation to the onward communication of changes to either the Green Deal Provider or GD Provider associated with a Green Deal Plan record in the GDCC.

Where the Green Deal Licensee has been identified as being erroneously registered to the **Green Deal MPAN Core** associated to the Green Deal Plan record on the GDCC, any changes to Green Deal Charges will not be passed on under this process except where the **GD Plan Actual End Date** is being amended, in which event the relevant **GD Charge ETD** will be amended, but not the charges sent to the Green Deal Licensee.

The following pre-requisites apply to the use of this process:

- The Green Deal Plan record is at a status of 'LIVE' in the GDCC; and
- The GD Provider has previously submitted initial Green Deal Charge related information that has been validated and updated in the GDCC under GDOP 05 *Notification of Pending Green Deal charges to the Green Deal Licensee* process.

The following DTN data flows are used within this process:

- D0325 Green Deal Plan Information for Green Deal Licensee
- D0341 GD Licensee Response to GDCC

Market Process Scenario

The process steps within this scenario are aligned to those in the accompanying process workflow. A list of reject codes is also provided cross-referenced to the market scenario.

Step	Activity	Input Step	Output Step
1.1	<p>Several events may trigger the need to generate an update to the Green Deal Licensee under this process:</p> <ul style="list-style-type: none"> a) An update to Green Deal Charges from the GD Provider has a GD Charge Start Date less than thirty (30) Working Days in the future when submitted and either the GD Charge Start Date and/or the GD Daily Charge is changing; b) A previously stored update has GD Charge Start Date of thirty (30) Working Days in the future and so requires onward communication to the Green Deal Licensee; c) An amendment to the GD Remittance Processor MPID associated with the Green Deal Plan record is to be passed on to both the current and any previous Supplier who was the Green Deal Licensee associated to the Green Deal Plan record at or from when its status became 'LIVE'; d) A change to the GD Actual End Date of the Green Deal Plan; Revised fuel savings received from the relevant EPC Register in relation to the Green Deal Plan; e) A change of Green Deal Provider in respect of the Green Deal Plan record; or f) A change to the GD Provider interacting with the GDCC in respect of the Green Deal Plan record. <p>Where one of these events occurs, the GDCC will carry out validation prior to sending the data to the Green Deal Licensee.</p> <p>For the avoidance of doubt, where only the GD Charge End Date for a period is changing, the Green Deal Licensee will not receive an update to that period.</p>	STARTS	2.1

Step	Activity	Input Step	Output Step
2.1	<p>Where the trigger to send an update to the Green Deal Licensee is reached, the GDCC will carry out checks against ECOES to confirm that the associated Green Deal MPAN Core:</p> <ul style="list-style-type: none"> a) Is not associated to an export supply (which is derived in ECOES by the Line Loss Factor Class applied in MPAS); b) Has a status of 'Traded'; c) Is registered to an Electricity Supplier who is a Green Deal Licensee; d) Is not 'in flight' between Suppliers (that is, where a Registration Request has been received and accepted within the previous ten (10) Working Days; and e) Does not have a future registration to a Supplier who is not a Green Deal Licensee. 	1.1	3.1 (FAIL)/ 5.1 (PASS)
3.1	<p>Where exceptions are captured in relation to an update, the GDCC will record these and generate a report to the CAS which contains:</p> <ul style="list-style-type: none"> a) The GD Plan ID; b) The GD Provider MPID for the GD Provider associated to that GD Plan ID; c) The GD Charge Start Date and GD Charge End Date for the Green Deal Charge Period(s) affected; d) Information relating to any other failed updates; and e) Exceptions that align to those which would be used in a D0344 data flow to the GD Provider. <p>Where any exceptions are reported, any affected data will not be updated to the Green Deal Licensee.</p>	2.1	4.1
4.1	<p>Where the Data fails validation and an exception is reported, the CAS will contact the GD Provider and provide them with relevant details in order that the GD Provider can take the required actions in relation to updates to their systems and data, this may include submitting revised data to the GDCC under the relevant process.</p>	3.1	ENDS

Step	Activity	Input Step	Output Step
5.1	Where an update has passed validation, the GDCC will determine if an update to the Green Deal Remittance Processor details is required. Where this is the case, in addition to the update to 'updates to the current Green Deal Licensee', any previous Green Deal Licensee associated with the affected Green Deal Plan record at or after the date that the record attained a status of 'LIVE' will receive an update via a D0325 data flow.	2.1	6.1 (UPDATE TO PREVIOUS GD LICENSEE) AND 7.1 (UPDATE TO CURRENT GD LICENSEE)
6.1	The D0325 data flow to any previous Green Deal Licensee from the GDCC will contain the following information: a) The Green Deal MPAN Core ; b) The GD Plan ID ; c) A unique sequential GDCC Instruction Number ; d) A GDCC Instruction Type of 'P' to identify that the flow relates to an update to the Green Deal Remittance Processor associated with a Green Deal Plan record where they were a previous supplier during the relevant period; e) The GD Remittance Processor MPID ; and f) The GD Remittance Processor EFD in relation to the Green Deal Plan being updated.	5.1	10.1
7.1	Where an update is required to the current Green Deal Licensee, the GDCC will determine whether that Green Deal Licensee is erroneously registered to the Green Deal MPAN Core associated to the affected Green Deal Plan record in the GDCC. Where the Green Deal Licensee is identified by the GDCC as being erroneously registered to the Green Deal MPAN Core , updates will be generated as set out in step 9.1 of this process. In all other cases, updates will be in accordance with step 8.1.	5.1	8.1 (ALL OTHER CASES) OR 9.1 (ERRONEOUSLY REGISTERED)

8.1	<p>Where the Green Deal Licensee is <i>not</i> erroneously registered to the associated Green Deal MPAN Core, the D0325 data flow to the current Green Deal Licensee from the GDCC will contain the following information:</p> <ul style="list-style-type: none"> a) The Green Deal MPAN Core; b) The GD Plan ID; c) A unique sequential GDCC Instruction Number; d) A GDCC Instruction Type of 'U' to identify that the flow relates to an update to information; e) The following information will only be included on the Data Flow where that information has changed compared to that which is currently held on the GDCC: <ul style="list-style-type: none"> 1) Any changed Green Deal savings data; 2) For any Charge Periods being updated; <ul style="list-style-type: none"> i. A GD Charge Start Date one day greater than the end date for the previous period and between one (1) and thirty (30) Working Days in the future, i.e. consecutive Charge Periods are required, and Green Deal Licensees are only informed of new periods when near their commencement date; ii. A GD Charge End Date equal to or greater than the GD Charge Start Date; iii. The GD Daily Charge to be applied to the Bill Payers account; 3) Any changed GD Plan Actual End Date; 4) For any update to the details relating to the Remittance Processor; <ul style="list-style-type: none"> i. The GD Remittance Processor MPID; and ii. The GD Remittance Processor EFD in relation to the Green Deal Plan being updated. 5) For any update to the Green Deal Provider associated to the Green Deal Plan record in the GDCC: <ul style="list-style-type: none"> i. The Green Deal Provider Registration Reference; ii. The Green Deal Provider Name as stored on the GDCC; and iii. The Green Deal Provider EFD, being the date that the Green Deal Provider is associated with the Green Deal Plan record from in the GDCC; 6) For any updates to the GD Provider associated with the Green Deal Plan Record in the GDCC: <ul style="list-style-type: none"> i. The GD Provider MPID; ii. The Market Participant Name of the GD Provider as held in the relevant version of MDD; and 	7.1	10.1
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Step	Activity	Input Step	Output Step
	<p>iii. The GD Provider EFD, being the date from which the GD Provider is associated with the Green Deal Plan record in the GDCC.</p> <p>7) For any updates to a pending new Green Deal Licensee, where the Green Deal Plan ends before their registration start date commences, they shall receive:</p> <ul style="list-style-type: none"> i. The Green Deal Plan Instruction; and ii. The Green Deal Plan Actual End Date. <p>For the avoidance of doubt, where only the GD Charge End Date for a period is changing, the Green Deal Licensee will not receive an update to that period.</p>		
9.1	<p>Where the current Green Deal Licensee <i>is</i> identified as being erroneously registered to the Green Deal MPAN Core associated with the Green Deal Plan record in the GDCC, a D0325 data flow will only be generated where either:</p> <ul style="list-style-type: none"> a) The initial amendment to Green Deal Charges is being provided as set out in the GDOP 19 <i>Erroneous Registrations affecting Green Deal MPANs</i>; or b) Where the GD Plan Actual End Date is amended subsequent to such an update. <p>Where a change to the GD Plan Actual End Date occurs, the D0325 data flow to the current Green Deal Licensee from the GDCC will contain the following information:</p> <ul style="list-style-type: none"> a) The Green Deal MPAN Core; b) The GD Plan ID; c) A unique sequential GDCC Instruction Number; d) A GDCC Instruction Type of 'U' to identify that the flow relates to an update to information; e) For the single relevant Green Deal Charge Period; <ul style="list-style-type: none"> 1) A GD Charge Start Date the same as that previously provided; 2) A GD Charge End Date equal to the revised GD Plan Actual End Date; and 3) The GD Daily Charge of zero (£0:00); f) The changed GD Plan Actual End Date. 	7.1	10.1

Step	Activity	Input Step	Output Step
	For the avoidance of doubt, during periods of Erroneous Registrations, the current Green Deal Licensee will only receive updates to Charge Periods where the GD Plan Actual End Date is being amended; in these cases, they will receive a revised GD Charge End Date that matches the revised GD Plan Actual End Date .		
10.1	Where a D0325 data flow is received, the Green Deal Licensee will update internal systems and data as required.	6.1, 8.1 OR 9.1	11.1
11.1	The Green Deal Licensee will generate a response to the GDCC via a D0341 data flow either accepting or rejecting the updates to data provided on the incoming D0325.	10.1	11.2
11.2	On receipt of the D0341 data flow, the GDCC will validate that it relates to a valid GDCC Instruction Number issued to the sending Green Deal Licensee. Where this validation is passed, the process will continue as set out in step 14.1, otherwise a report is generated to the CAS as per step 12.1.	11.1	12.1 (FAIL) OR 14.1 (PASS)
12.1	Where an incoming D0341 data flow from a Green Deal Licensee cannot be associated to a valid GDCC Instruction Number to allow the process to continue, the GDCC will generate a report to the CAS for investigation.	11.2	12.2
12.2	CAS will contact the sender of the D0341 data flow in order to request investigation and resolution of issues.	12.1	13.1
13.1	Once contacted by CAS, the Green Deal Licensee will investigate and resolve issues with the data sent in the D0341 data flow and generate a new D0341 data flow containing either acceptance confirmation, or exceptions as appropriate.	12.2	11.1
14.1	Where an acceptance notification is received via a valid D0341 data flow at this stage, the GDCC will log the responses against the GDCC Instruction Number as appropriate and update records as required to confirm that the update has been accepted by the Green Deal Licensee.	11.2	END

GDCC and Party Response Codes used in the Scenario

Step	Event	Flow	Response Code Generated	Flow
11.1	Request processed successfully, and Green Deal Plan data updated	D0325	101 Request processed successfully	D0341

